

SEAMIC HEALTH STATISTICS 1982

— SOUTHEAST ASIA —

With the Compliments

of

SEAMIC

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PREFACE

Because statistics are indispensable in the planning and evaluation of any societal program, it goes without saying that they are of great importance in developing programs in the health and medical field. Thus, through the SEAMIC activities, efforts have been made to collect facts and figures relevant to health and medical care in the SEAMIC countries and to compile secondary statistics and other reference materials.

This publication is the result of such collaborative efforts among the SEAMIC counterparts. It is our hope that the SEAMIC HEALTH STATISTICS, as small a publication as it is, may, with its more updated, improved, and enlarged contents, serve as a *vade mecum* for all people engaged in or concerned with health planning in the Southeast Asian region.

February, 1983

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SEAMIC HEALTH STATISTICS 1982

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EXPLANATION OF SYMBOLS

Category not applicable	**
Data not available	(blank)
Nil	—
Not nil, but less than half of unit employed	0 0.0
Provisional or estimated	*

AREA AND POPULATION

Area and Population

	Area ⁽¹⁾ (km ²)	Estimated Pop. ⁽¹⁾ 1980 (Mean of midyear) (in thousands)	Date	Latest Census		
				Total	Male	Female
INDONESIA	2,027,087	151,894 *	31 X 1980 ⁽²⁾	147,490,298	73,332,544	74,157,754
JAPAN	372,313	116,782 *	1 X 1980 ⁽³⁾	116,916,400	57,490,400	59,426,100
MALAYSIA	329,749	13,436 *		13,435,588	6,747,966	6,687,622
Peninsular Malaysia	131,588	—	10 VI 1980 ⁽⁴⁾	11,138,227	5,570,198	5,568,029
Sabah	73,711		10 VI 1980 ⁽⁴⁾	1,002,608	524,319	478,289
Sarawak	124,450		10 VI 1980 ⁽⁴⁾	1,294,753	653,449	641,304
PHILIPPINES	300,000	48,400 *	1 V 1975 ⁽⁵⁾	42,070,660	21,276,224	20,794,436
SINGAPORE	581	2,391 *	24 VI 1980 ⁽⁶⁾	2,413,945	1,231,760	1,182,185
THAILAND	514,000	46,455 *	1 IV 1980 ⁽⁷⁾	44,278,000	22,008,000	22,270,000

Source: (1) Demographic Yearbook 1979, UN

(2) Penduduk Indonesia Menurut Propinsi, Seri: L No. 3, Hasil Pencacahan Lengkap Sensus Penduduk 1980, Biro Pusat Statistik, Jakarta, Indonesia, May 1981

(3) 1980 Population Census of Japan, Prompt Report of the Basic Findings, Part 1, Whole Japan, Statistics Bureau, Prime Minister's Office, Japan, March 1981

(4) 1980 Population and Housing Census of Malaysia, Preliminary Field Count Summary, Department of Statistics, Malaysia, Oct. 1980

(5) Philippines 1975 Total Population, National Census and Statistics Office, Republic of the Philippines, August 1978

(6) Census of Population 1980 Singapore, Department of Statistics, Singapore, Jan. 1981

(7) Preliminary Report, 1980 Population and Housing Census, National Statistical Office, Thailand

Estimates of Mid-Year Population

Year	Population Estimates (in millions)									
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
INDONESIA	125.64*	128.80*	132.00*	135.69*	138.24*	140.71*	143.15*	145.58*	148.03*	150.52*
JAPAN	107.19	108.71	110.16	111.57	112.77	113.86	114.90	115.87	116.78	117.65
MALAYSIA	11.00	11.31	11.65	11.90	12.30	12.60	12.91	13.30*	13.44	14.42*
PHILIPPINES	38.99	40.12	41.30	42.26	43.34	44.42	45.50	46.58	48.40	49.53
SINGAPORE	2.15	2.19	2.23	2.26	2.29	2.33	2.35	2.38	2.41	2.44
THAILAND	38.59	39.69	40.78	41.87	42.96	44.04	45.10	46.14	47.17	48.13

Source: Monthly Bulletin of Statistics July 1982 Vol. XXX VI No. 7, United Nations, New York, 1982
Demographic Yearbook 1978, UN.

Population by Age According to Sex (in thousands) (1)

	Year	Sex	Age (in years)										
			All Ages	0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
INDONESIA⁽¹⁾	1976	T	126,093	18,930		18,295	15,859	13,530	9,882	8,282	7,690	8,059	6,359
		M	62,357	← 9,621 →		9,309	8,104	6,592	4,771	3,853	3,646	3,885	3,148
		F	63,736	9,309		8,987	7,755	6,938	5,111	4,429	4,045	4,174	3,210
JAPAN⁽²⁾	1980	T	116,916	1,576	6,984	10,030	8,943	8,228	7,808	9,069	10,781	9,211	8,318
		M	57,490	800	3,575	5,133	4,581	4,223	3,927	4,563	5,421	4,599	4,142
		F	59,426	776	3,409	4,897	4,363	4,005	3,881	4,506	5,360	4,612	4,176
MALAYSIA⁽³⁾	1977	T	10,510	328	1,195	1,337	1,366	1,267	1,058	827	601	530	456
		M	5,281	168	611	680	696	644	529	406	296	263	223
		F	5,229	160	584	657	669	623	530	421	304	267	233
	1970	T	654	23	94	109	81	61	45	46	43	38	29
		M	340	12	48	56	42	30	23	24	23	21	16
		F	314	11	46	53	39	31	22	22	21	18	13
	1970	T	887	27	122	149	108	90	70	59	49	45	39
		M	447	14	62	77	55	43	34	29	25	21	19
		F	440	13	60	73	52	47	37	30	25	23	20
PHILIPPINES⁽³⁾	1976	T	43,751	7,019		6,147	5,602	5,101	4,221	3,283	2,552	2,111	1,894
		M	21,872	← 3,638 →		3,125	2,851	2,686	2,065	1,588	1,231	1,023	931
		F	21,879	3,380		3,022	2,751	2,515	2,156	1,695	1,320	1,088	963
SINGAPORE⁽⁴⁾	1980	T	2,414	37	157	224	236	287	296	254	211	136	131
		M	1,232	19	82	116	121	148	153	129	107	69	66
		F	1,182	17	75	108	115	139	143	124	104	67	65
THAILAND *	1980	T	44,278	5,358		5,712	5,845	5,285	4,339	3,542	2,701	2,347	2,170
		M	22,008	← 2,751 →		2,927	2,971	2,641	2,091	1,739	1,342	1,166	1,056
		F	22,270	2,606		2,784	2,873	2,650	2,249	1,804	1,381	1,180	1,114

Source: (1) 1976 Intercensal Population Survey, Tabulation Series No. 2, Biro Pusat Statistik, Indonesia, 1977

(2) 1980 Population Census of Japan, Prompt Report of the Basic Findings, Part 1 Whole Japan, Statistics Bureau, Prime Minister's Office, Japan, March 1981

(3) Demographic Yearbook 1979, UN

(4) Census of Population 1980 Singapore, Department of Statistics, Singapore, Jan. 1981

Note: * Estimates based on total population figures of Preliminary Report, 1980 Population and Housing Census, National Statistical Office, Thailand

Population by Age According to Sex (in thousands) (2)

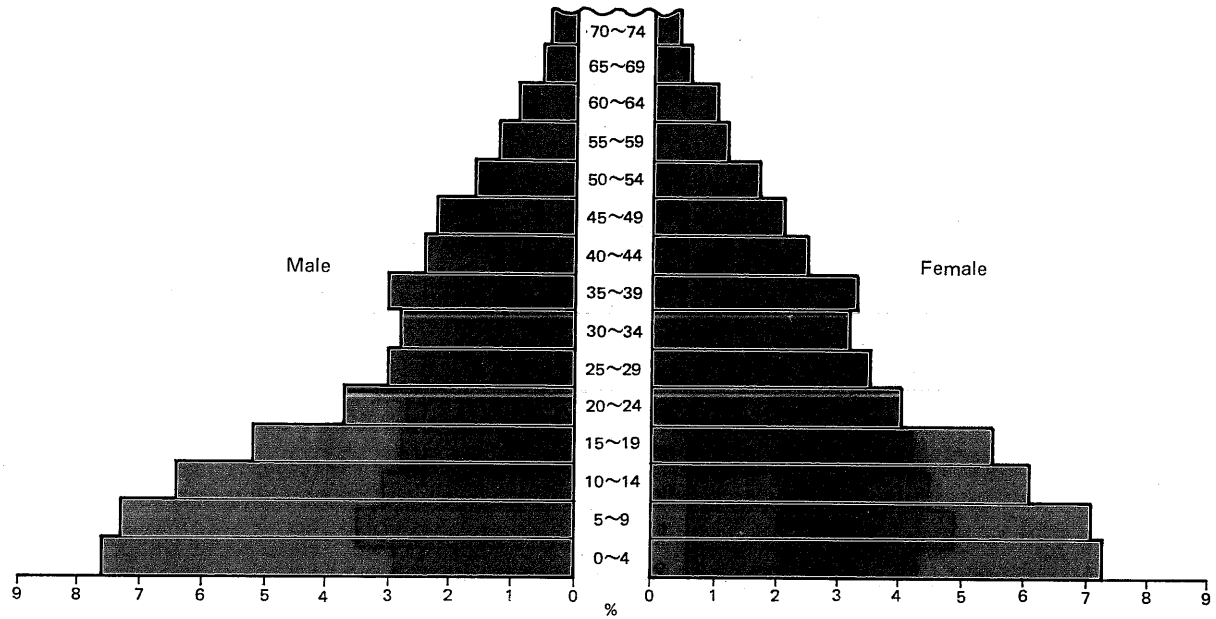
	Year	Sex	Age (in years)								Age Unknown
			45-49	50-54	55-59	60-64	65-69	70-74	75 & +		
INDONESIA	1976	T	5,586	4,273	3,173	2,507	1,472	1,125	1,028	43	
		M	2,875	2,081	1,583	1,189	677	513	481	28	
		F	2,711	2,192	1,590	1,318	795	611	546	15	
JAPAN	1980	T	8,089	7,155	5,630	4,467	3,937	2,994	3,642	54	
		M	4,051	3,509	2,516	1,952	1,727	1,305	1,431	36	
		F	4,038	3,646	3,114	2,516	2,210	1,689	2,212	17	
MALAYSIA Peninsular Malaysia	1977	T	376	317	264	212	165	108	103	8 4 4	
		M	185	155	130	107	83	55	49		
		F	191	162	135	105	82	53	55		
	Sabah	1970	T	24	18	14	9	13			
			M	13	10	8	5	7			
			F	11	8	6	4	6			
	Sarawak	1970	T	33	31	21	19	10	8		7
			M	16	16	11	10	6	4		3
			F	16	15	9	9	5	4		4
PHILIPPINES	1976	T	1,518	1,270	1,004	773	561	334	361		
		M	744	615	488	377	277	161	170		
		F	774	655	516	395	284	173	191		
SINGAPORE	1980	T	107	93	71	60	49	33	31		
		M	55	48	37	30	24	15	12		
		F	52	45	34	30	26	18	19		
THAILAND	1980	T	1,860	1,550	1,107	886	620	930			
		M	902	770	550	418	286	396			
		F	958	779	557	445	334	557			

Population by Urban and Rural According to Sex

	Year	Sex	Urban	Rural	Urban Pop./Total Pop. (%)
INDONESIA ⁽¹⁾	1976	T	23,329,864	102,763,317	18.5
		M	11,590,477	50,766,806	18.6
		F	11,739,387	51,996,511	18.4
JAPAN ⁽²⁾	1980	T	89,037,000	27,879,400	76.2
		M	43,926,600	13,563,800	76.4
		F	45,110,400	14,315,600	75.9
MALAYSIA ⁽³⁾	1970	T	2,524,994	6,255,734	28.8
		M	1,270,663	3,142,405	28.8
		F	1,254,331	3,113,229	28.7
	1970	T	145,104	508,570	22.2
		M	77,731	262,202	22.9
		F	67,373	246,368	21.5
	1970	T	148,590	738,702	16.7
		M	74,660	372,463	16.7
		F	73,930	366,239	16.8
PHILIPPINES ⁽³⁾	1970	T	11,677,820	25,006,666	31.8
		M	5,673,570	12,576,781	31.1
		F	6,004,250	12,429,885	32.6
SINGAPORE ⁽⁴⁾	1980	T	2,413,945		100.0
		M	1,231,760		100.0
		F	1,182,185		100.0
THAILAND ⁽³⁾	1980	T	4,553,100	29,844,274	13.2
		M	2,257,068	14,866,794	13.2
		F	2,296,032	14,977,480	13.3

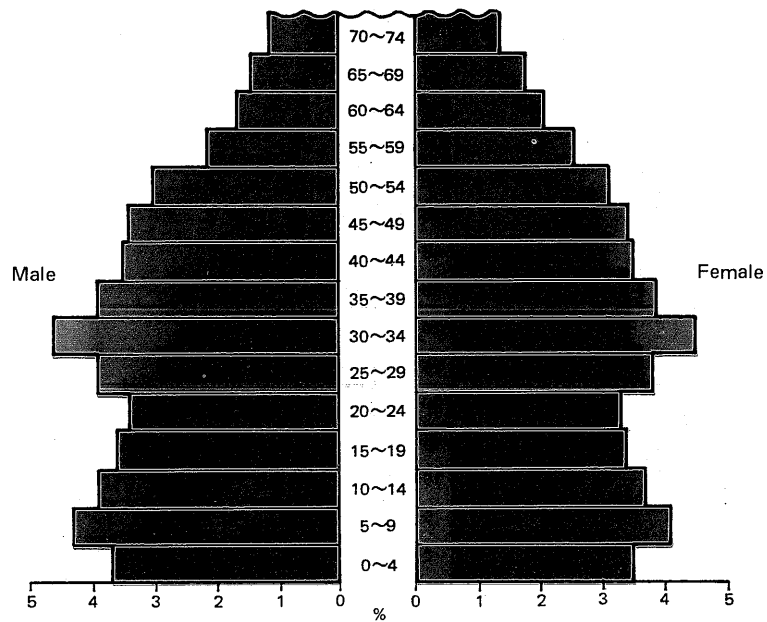
- Source: (1) 1976 Intercensal Population Survey, Tabulation Series Number 2, Biro Pusat Statistik, December 1977
(2) 1980 Population Census of Japan, Prompt Report of the Basic Findings, Part 1, Whole Japan, Statistics Bureau, Prime Minister's Office, Japan March 1981
(3) Demographic Yearbook 1979, UN
(4) Census of Population 1980 Singapore, Department of Statistics, Malaysia, Oct. 1980

INDONESIA '76



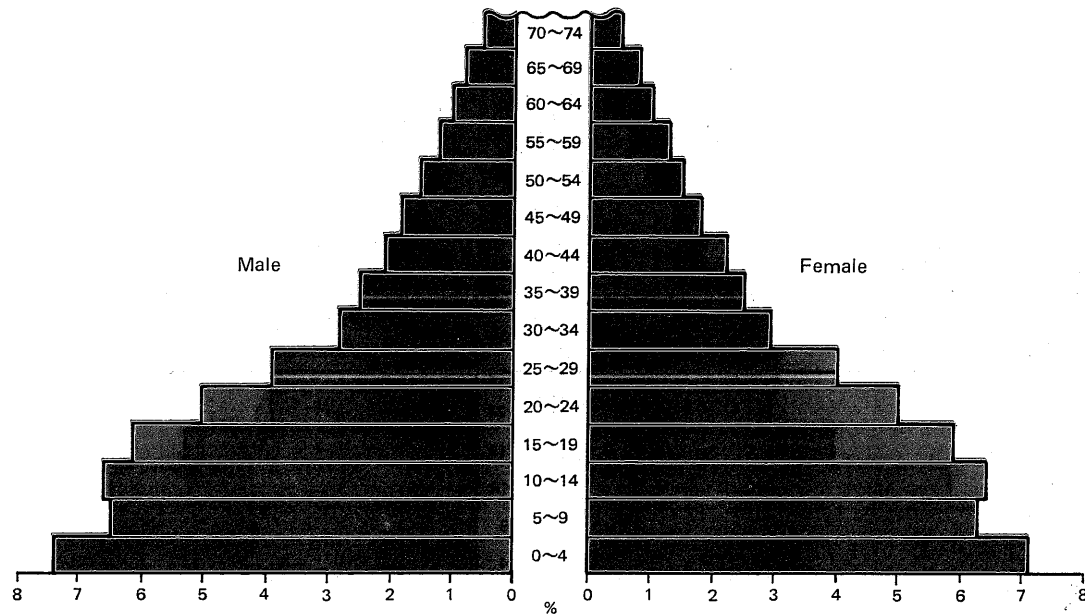
Population Pyramid (1)

JAPAN '80



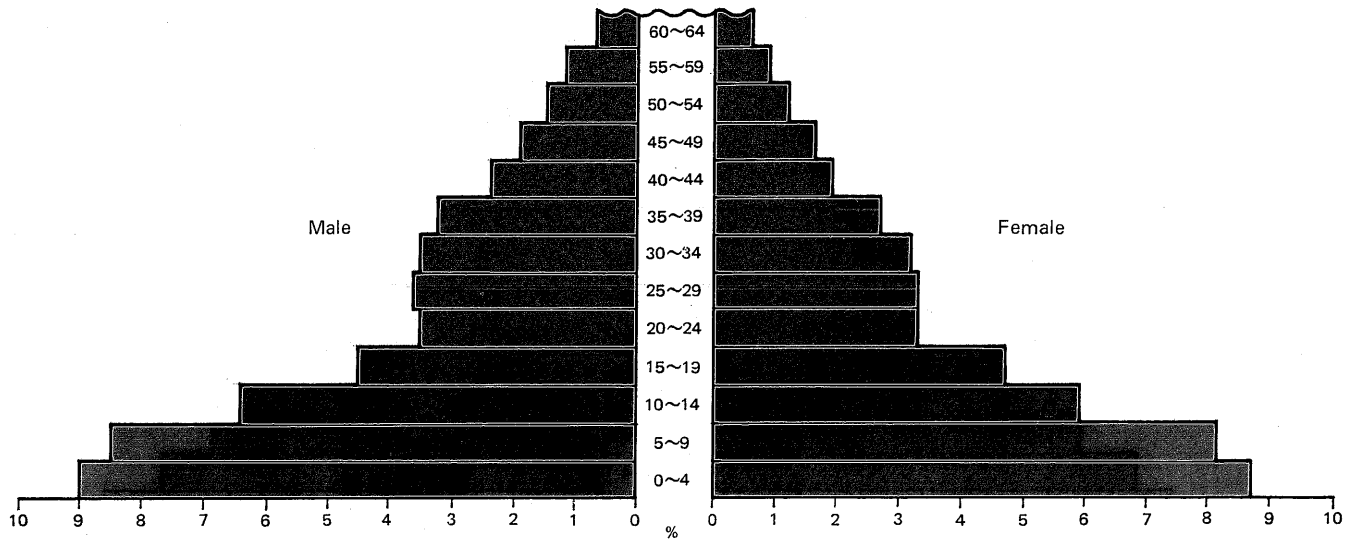
Population Pyramid (2)

PENINSULAR MALAYSIA '77



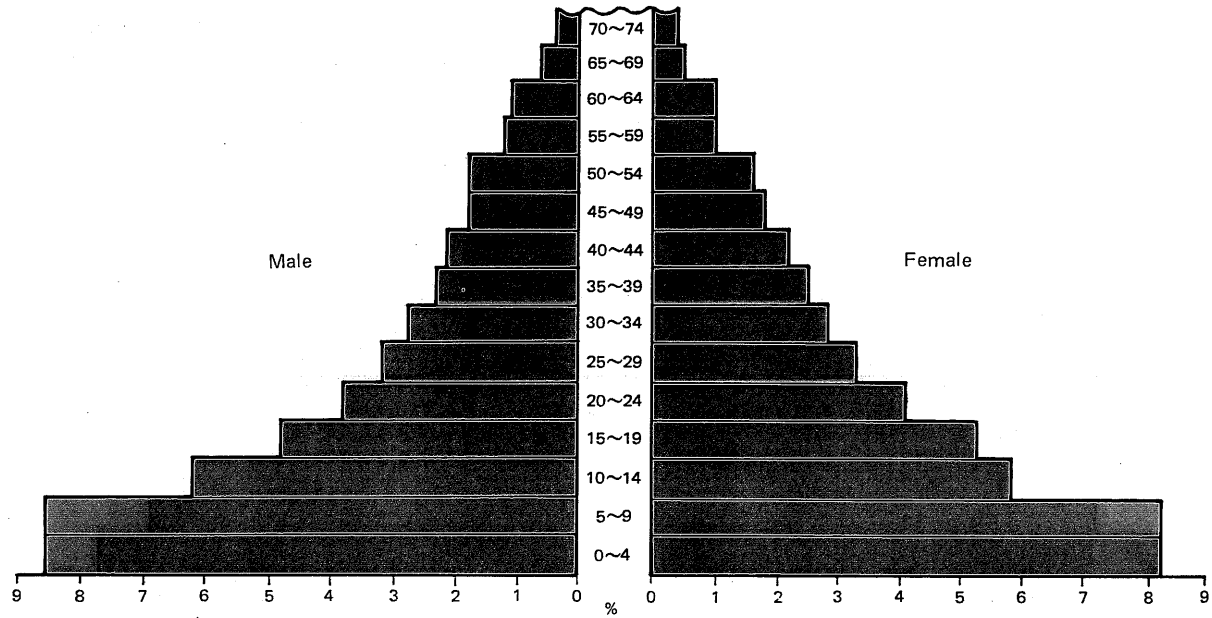
Population Pyramid (3)

MALAYSIA, SABAH '70



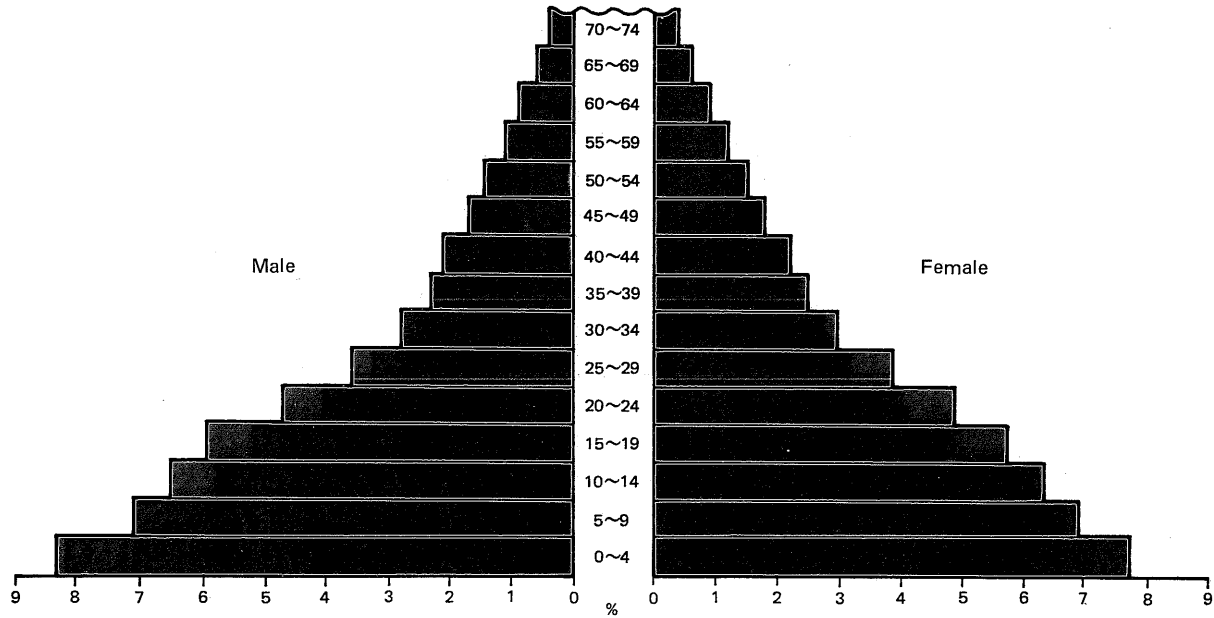
Population Pyramid (4)

MALAYSIA SARAWAK '70



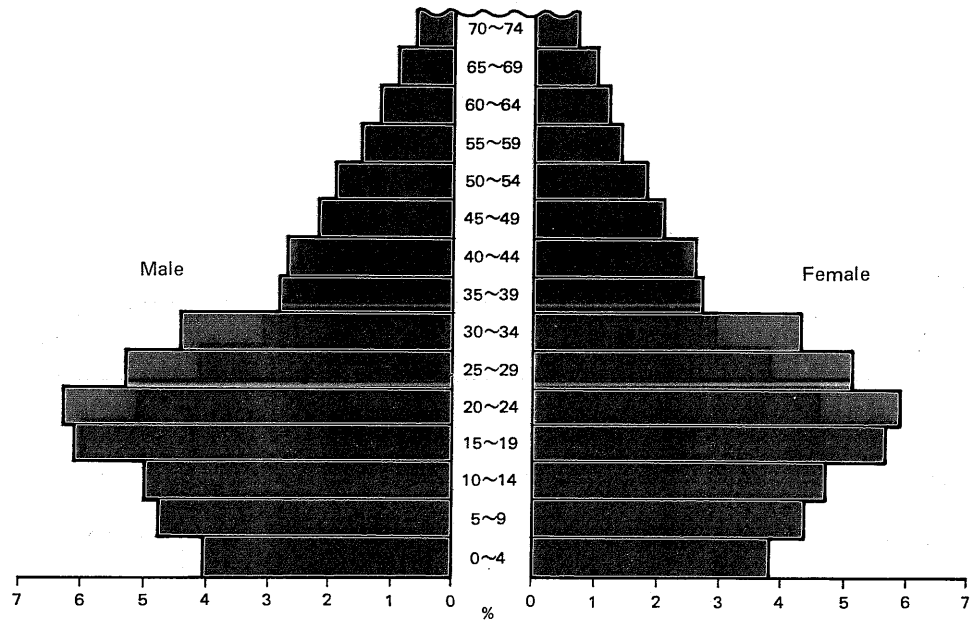
Population Pyramid (5)

PHILIPPINES '76



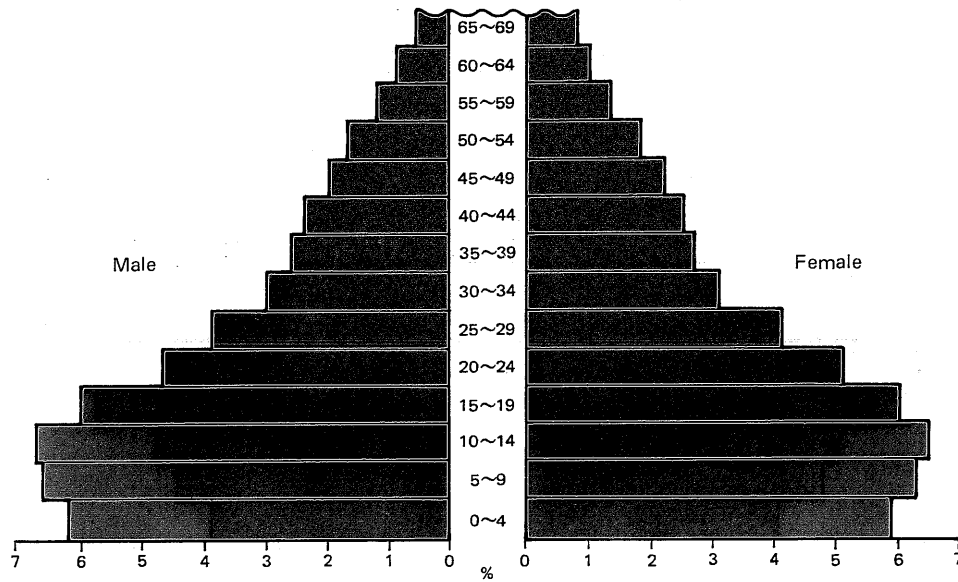
Population Pyramid (6)

SINGAPORE '80



Population Pyramid (7)

THAILAND '80



Population Pyramid (8)

**NUMBER OF DEATHS AND DEATH RATES
BY ALL CAUSES**

Number of Deaths and Death Rates by All Causes (age groups) (1)

Rate: Per 100,000 Population

	Sex	All Ages		0		1-4		5-14		15-24		25-34	
		Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA	T M F												
JAPAN	T M F	689,664 373,183 316,481	786.7 873.3 740.8	12,923 7,387 5,902	65.6 73.9 56.7	4,697 2,720 1,977	23.8 29.4 17.9	4,444 2,814 1,630	58.6 82.2 34.1	9,343 6,676 2,667	78.5 99.5 57.3	15,328 9,755 5,573	160.6 206.8 114.5
MALAYSIA													
Peninsular Malaysia	T M F	24,381 15,235 9,146		5,586 3,236 2,350		874 449 425		886 522 364		1,519 989 530		1,350 877 473	
Sabah	T M F												
Sarawak	T M F												
PHILIPPINES	T M F	299,861 170,278 129,583	685.4 783.1 588.8	74,792 43,295 31,497	5688.2 6322.4 4999.0	39,458 21,007 18,451	683.2 716.6 648.8	16,758 9,408 7,350	145.1 159.3 130.2	14,901 9,237 5,664	180.2 229.5 133.5	15,383 9,448 5,935	247.6 313.0 185.8
SINGAPORE	T M F	12,467 7,196 5,271	527.7 598.0 454.6	539 305 234	1321.8 1432.4 1200.9	110 53 57	68.9 64.2 73.9	154 80 74	32.5 32.9 32.2	440 301 139	77.8 103.8 50.4	433 258 175	104.1 122.2 85.4
THAILAND	T M F	241,111 140,213 100,898	523.4 605.8 440.2	15,224 8,949 9,012	1415.8 1627.2 1715.5	16,469 8,813 7,656	293.4 308.6 277.6	15,075 8,416 6,659	121.0 132.7 108.8	20,360 13,381 6,979	215.5 278.9 150.1	17,313 11,603 5,710	257.1 338.9 172.5

Source: World Health Statistics Annual 1980, 1981, WHO

Number of Deaths and Death Rates by All Causes (age groups) (2)

	Year	Sex	35-44		45-54		55-64		65-74		75 & +		Unknown
			Number	Rate	N	R	N	R	N	R	N	R	N
INDONESIA		T M F											
JAPAN	1979	T M F	28,271 396.3 18,184 524.9 10,087 270.0		59,305 873.2 38,922 1186.7 20,383 627.5		84,389 2464.3 50,400 3271.4 33,989 1828.6		166,956 8683.6 97,652 10021.1 69,304 7810.6		303,665 138,392 165,273		243 281 62
MALAYSIA													
Peninsular Malaysia	1977	T M F	1,526 935 591		2,452 1,634 818		3,493 2,346 1,147		3,991 2,702 1,289		2,601 1,459 1,142		103 86 17
Sabah		T M F											
Sarawak		T M F											
PHILIPPINES	1976	T M F	18,347 446.1 11,253 547.2 7,094 345.0		20,521 756.5 12,787 974.2 7,734 552.4		28,292 1405.7 16,880 1837.2 11,412 1043.3		69,785 4691.1 535,962 4565.4 33,823 4832.5				1,624 1,001 623
SINGAPORE	1979	T M F	591 221.9 357 268.0 234 175.8		1,267 639.3 837 803.3 430 457.4		2,343 1753.7 1,554 2252.2 789 1221.4		3,382 4104.4 2,007 5119.9 1,375 3182.9		3,147 11875.5 1,395 14840.4 1,752 10245.6		61 49 12
THAILAND	1979	T M F	19,985 478.0 12,660 609.2 7,325 348.3		26,455 864.5 16,517 1112.3 9,938 631.0		29,745 1534.8 18,106 1955.3 11,639 1150.1		34,453 4895.1 19,491 5663.6 14,962 4281.5		39,756 18,625 21,131		6,276 3,652 2,624

Note: (a) Rates for aged 65 and over

TEN LEADING CAUSES OF DEATH

Ten Leading Causes of Death

	Year	1	2	3	4	5
INDONESIA ⁽¹⁾	1980	Lower Respiratory Tract Infection	Diarrhoea	Cardiovascular Disorders	Tuberculosis	Disease of the Nervous System
JAPAN ^(a)	1979	Diseases of the Circulatory System	Neoplasms	Accidents, Poisonings and Violence	Diseases of the Respiratory System	Diseases of the Digestive System
MALAYSIA ^(b)	1977	Diseases of the Circulatory System	Symptoms and ill-Defined Conditions	Accidents, Poisonings and Violence	Certain Causes of Perinatal Mortality	Infective and Parasitic Diseases
PHILIPPINES ^(c)	1976	Infective and Parasitic Diseases	Diseases of the Respiratory System	Diseases of the Circulatory System	Symptoms and ill-Defined Conditions	Certain Causes of Perinatal Mortality
SINGAPORE ^(a)	1979	Diseases of the Circulatory System	Neoplasms	Diseases of the Respiratory System	Accidents, Poisonings and Violence	Infective and Parasitic Diseases
THAILAND ^(a)	1979	Symptoms and ill-Defined Conditions	Accidents, Poisonings and Violence	Infective and Parasitic Diseases	Diseases of the Circulatory System	Diseases of the Respiratory System

Source: (1) Data from Survei Kesehatan Rumah Tangga, 1980 Departemen Kesehatan R.I. Badan Penelitian dan Pengembangan Kesehatan, Pusat Penelitian Ekologi Kesehatan

Note: (a) from A list - 9
(b) from B list, only Peninsular Malaysia
(c) from A list - 8

6	7	8	9	10
Tetanus	Liver Disorders	Injuries and Accidents	Neoplasms	Typhoid
Symptoms and ill-Defined Conditions	Infective and Parasitic Diseases	Diseases of Genito-Urinary System	Endocrine, Nutritional and Metabolic Diseases	Certain Causes of Perinatal Mortality
Neoplasms	Diseases of the Respiratory System	Congenital Anomalies	Diseases of Digestive System	Endocrine, Nutritional and Metabolic Diseases
Accidents, Poisonings and Violence	Neoplasms	Endocrine, Nutritional and Metabolic Diseases	Diseases of the Digestive System	Diseases of Genito-Urinary System
Symptoms and ill-Defined Conditions	Endocrine, Nutritional and Metabolic Diseases	Diseases of the Digestive System	Diseases of the Genito-Urinary System	Certain Causes of Perinatal Mortality
Neoplasms	Diseases of the Digestive System	Diseases of the Nervous System and Sense Organs	Certain Causes of Perinatal Mortality	Diseases of Genito-Urinary System

**DEATHS ACCORDING TO CAUSE, BY SEX,
ICD "A" LIST**

Number of Deaths and Death Rates by Causes (ICD-8 "A") (1)

Rate: Per 100,000 Population

	Year	Sex	All Causes		I (A1-A44)		A2		A5		A6		A7-A10	
					Infective and Parasitic Disease		Typhoid Fever		Enteritis and Other Diarrhoeal Diseases		Tuberculosis of Respiratory System		Tuberculosis, Other Forms	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	695,821 375,625 320,196	607.6 666.5 550.6	13,766 8,678 5,088	12.0 15.4 8.7	1 — 1	0.0 — 0.0	2,317 962 1,355	2.0 1.7 2.3	7,917 5,780 2,137	6.9 10.3 3.7	344 169 175	0.3 0.3 0.3
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T M F	299,861 170,278 129,583	685.4 783.1 588.8	68,751 39,797 28,954	157.1 183.0 131.6	665 418 247	1.5 1.9 1.1	15,529 8,812 6,717	35.5 40.5 30.5	29,390 17,074 12,316	67.2 78.5 56.0	1,996 1,121 875	4.6 5.2 4.0
SINGAPORE	1978	T M F	12,064 7,025 5,039	516.8 590.6 440.1	502 354 148	21.5 29.8 12.9	1 — 1	0.0 — 0.1	54 27 27	2.3 2.3 2.4	287 246 41	12.3 20.7 3.6	31 25 6	1.3 2.1 0.5
THAILAND	1978	T M F	233,216 133,975 99,241	518.5 592.9 443.4	26,075 15,365 10,710	58.0 68.0 47.9	519 297 222	1.2 1.3 1.0	7,427 4,305 3,122	16.5 19.1 13.9	6,614 4,148 2,466	14.7 18.4 11.0	140 84 56	0.3 0.4 0.3

Source: World Health Statistics Annual 1979, 1980, WHO

Number of Deaths and Death Rates by Causes (ICD-8 "A") (2)

	Year	Sex	A20		A25		A28		Other		II (A45–A61)		A45	
			Tetanus		Measles		Infectious Hepatitis				Neoplasms		Malignant Neoplasm of Buccal Cavity and Pharynx	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	63 36 27	0.1 0.1 0.0	181 100 81	0.2 0.2 0.1	984 562 422	0.9 1.0 0.7	1,959 1,069 890	1.7 1.9 1.5	156,522 88,958 67,564	136.7 157.8 116.2	1,551 1,052 499	1.4 1.9 0.9
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T M F	4,114 2,531 1,583	9.4 11.6 7.2	5,060 2,644 2,416	11.6 12.2 11.0	772 505 267	1.8 2.3 1.2	11,225 6,692 4,533	25.7 30.8 20.6	13,849 7,299 6,550	31.7 33.6 29.8	1,005 577 428	2.3 2.7 1.9
SINGAPORE	1978	T M F	4 1 3	2.5 — 5.2	2 — 2	— — —	8 3 5	— — —	115 52 63	17.7 14.7 21.0	2,415 1,481 934	15.2 14.7 15.7	161 112 49	— — —
THAILAND	1978	T M F	1,539 916 623	3.4 4.1 2.8	96 39 57	0.2 0.2 0.3	6 2 4	0.0 0.0 0.0	9,734 5,574 4,160	21.6 24.7 18.6	8,296 4,591 3,705	18.4 20.3 16.6	404 258 146	0.9 1.1 0.7

Number of Deaths and Death Rates by Causes (ICD-8 "A") (3)

	Year	Sex	A46		A47		A48		A49		A50		A51	
			Malignant Neoplasm of Oesophagus		Malignant Neoplasm of Stomach		Malignant Neoplasm of Intestine, Except Rectum		Malignant Neoplasm of Rectum and Rectosigmoid Junction		Malignant Neoplasm of Larynx		Malignant Neoplasm of Trachea, Bronchus and Lung	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	5,325 4,130 1,195	4.7 7.3 2.1	49,564 30,136 19,428	43.3 53.5 33.4	7,411 3,515 3,896	6.5 6.2 6.7	6,402 3,504 2,898	5.6 6.2 5.0	873 766 107	0.8 1.4 0.2	18,530 13,417 5,113	16.2 23.8 8.8
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T M F	167 94 73	0.4 0.4 0.3	1,236 699 537	2.8 3.2 2.4	588 310 278	1.3 1.4 1.3	167 97 70	0.4 0.4 0.3	116 77 39	0.3 0.4 0.2	1,257 882 375	2.9 4.1 1.7
SINGAPORE	1978	T M F	107 94 13	4.6 7.9 1.1	324 224 100	13.9 18.8 8.7	137 67 70	5.9 5.6 6.1	108 65 43	4.6 5.5 3.8	33 31 2	1.4 2.6 0.2	520 375 145	22.3 31.5 12.7
THAILAND	1978	T M F	147 111 36	0.3 0.5 0.2	275 178 97	0.6 0.8 0.4	362 206 156	0.8 0.9 0.7	10 9 1	0.0 0.0 0.0	29 23 6	0.1 0.1 0.0	742 542 200	1.6 2.4 0.9

Number of Deaths and Death Rates by Causes (ICD-8 "A") (4)

	Year	Sex	A52		A53		A54		A55		A56		A57	
			Malignant Neoplasm of Bone		Malignant Neoplasm of Skin		Malignant Neoplasm of Breast		Malignant Neoplasm of Cervix Uteri		Other Malignant Neoplasm of Uterus		Malignant Neoplasm of Prostate	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	670 370 300	0.6 0.7 0.5	748 395 353	0.7 0.7 0.6	3,788 33 3,755	3.3 0.1 6.5			1,701 2.9		4,009 6.9	
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T M F	456 259 197	1.0 1.2 0.9	189 117 72	0.4 0.5 0.2	811 37 774	1.9 0.2 3.5			202 0.9		628 2.9	
SINGAPORE	1978	T M F	19 9 10	0.8 0.8 0.9	12 7 5	0.5 0.6 0.4	117 — 117	5.0 — 10.2			69 6.0		14 1.2	
THAILAND	1978	T M F	126 67 59	0.3 0.3 0.3	27 14 13	0.1 0.1 0.1	145 — 145	0.3 — 0.6			136 0.6		423 1.9	

Number of Deaths and Death Rates by Causes (ICD-8 "A") (5)

	Year	Sex	A58		A59		A60		A61		III (A62-A66)		A64	
			Malignant Neoplasm of Other and Unspecified Sites		Leukaemia		Other Neoplasm of Lymphatic and Haematopoietic Tissue		Benign Neoplasm and Neoplasm of Unspecified Nature		Endocrine Nutritional and Metabolic Diseases		Diabetes Mellitus	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T	39,551	34.5	4,354	3.8	4,360	3.8	6,186	5.4	11,093	9.7	9,685	8.5
		M	21,655	38.4	2,505	4.4	2,653	4.7	3,328	5.9	5,286	9.4	4,632	8.2
		F	17,896	30.8	1,849	3.2	1,707	2.9	2,858	4.9	5,807	10.0	5,053	8.7
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T	4,662	10.7	1,139	2.6	379	0.9	676	1.5	12,724	29.1	1,286	2.9
		M	2,807	12.9	622	2.9	226	1.0	324	1.5	6,631	30.5	617	2.8
		F	1,855	8.4	517	2.3	153	0.7	352	1.6	6,093	27.7	669	3.0
SINGAPORE	1978	T	611	26.2	78	3.3	62	2.7	29	1.2	403	17.3	334	14.3
		M	388	32.6	41	3.4	38	3.2	16	1.3	160	13.5	137	11.5
		F	223	19.5	37	3.2	24	2.1	13	1.1	243	21.2	197	17.2
THAILAND	1978	T	5,132	11.4	188	0.4	131	0.3	5	0.0	2,432	5.4	1,102	2.5
		M	2,975	13.2	96	0.4	96	0.4	2	0.0	1,215	5.4	522	2.3
		F	2,157	9.6	92	0.4	35	0.2	3	0.0	1,217	5.4	580	2.6

Number of Deaths and Death Rates by Causes (ICD-8 "A") (6)

	Year	Sex	A65		Other		IV (A67 & A68)		A67		A68		V (A69-71)	
			Avitaminoses and Other Nutritional Deficiency				Diseases of Blood and Blood-Forming Organs		Anaemias		Other Diseases of Blood and Blood-Forming Organs		Mental Disorders	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	465 240 225	0.4 0.4 0.4	943 414 529	0.8 0.7 0.9	2,118 951 1,167	1.8 1.7 2.0	1,445 622 823	1.3 1.1 1.4	673 329 344	0.6 0.6 0.6	2,719 1,460 1,253	2.4 2.6 2.2
MALAYSIA														
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T M F	11,113 5,869 5,224	25.4 27.0 23.8	325 145 180	0.7 0.7 0.8	2,013 1,054 959	4.6 4.8 4.4	1,662 856 806	3.8 3.9 3.7	351 198 153	0.8 0.9 0.7	437 280 159	1.0 1.3 0.7
SINGAPORE	1978	T M F	37 12 25	1.6 1.0 2.2	32 11 21	1.4 0.9 1.8	45 14 31	1.9 1.2 2.7	38 12 26	1.6 1.0 2.3	7 2 5	0.3 0.2 0.4	16 9 7	0.7 0.8 0.6
THAILAND	1978	T M F	1,273 668 605	2.8 3.0 2.7	57 35 32	0.1 0.1 0.1	479 252 227	1.1 1.1 1.0	396 207 189	0.9 0.9 0.8	83 45 38	0.2 0.2 0.2	522 443 79	1.2 2.0 0.4

Number of Deaths and Death Rates by Causes (ICD-8 "A") (7)

	Year	Sex	A69		A70		A71		VI (A72-A79)		A72		A73	
			Psychoses		Neuroses Personality Disorders and Other Nonpsychotic Mental Disorders		Mental Retardation		Diseases of the Nervous System and Sense Organs		Meningitis		Multiple Sclerosis	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	1,742 679 1,063	1.5 1.2 1.8	917 752 165	0.8 1.3 0.3	60 35 25	0.1 0.1 0.0	6,082 3,358 2,724	5.3 6.0 4.7	895 527 368	0.8 0.9 0.6	78 31 47	0.1 0.1 0.1
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T M F	184 92 92	0.4 0.4 0.4	237 179 58	0.5 0.8 0.3	16 9 7	0.0 0.0 0.0	4,898 2,748 2,150	11.2 12.6 9.8	2,809 1,542 1,267	6.4 7.1 5.8	14 11 3	0.0 0.1 0.0
SINGAPORE	1978	T M F	10 4 6	0.4 0.3 0.5	1 1 —	0.0 0.1 —	5 4 1	0.2 0.3 0.1	114 55 59	4.9 4.6 5.2	39 22 17	1.7 1.8 1.5	2 — 2	0.1 — 0.2
THAILAND	1978	T M F	28 20 8	0.1 0.1 0.1	494 423 71	1.1 1.9 0.3	— — —	— — —	4,745 2,834 1,911	10.6 12.5 8.5	864 508 356	1.9 2.2 1.6	2 2 —	0.0 0.0 —

Number of Deaths and Death Rates by Causes (ICD-8 "A") (8)

	Year	Sex	A74				VII (A80-A88)		A80		A81		A82	
			Epilepsy		Other		Diseases of the Circulatory System		Active Rheumatic Fever		Chronic Rheumatic Heart Disease		Hypertensive Diseases	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	682 381 301	0.6 0.7 0.5	4,427 2,419 2,008	3.9 4.3 3.5	299,845 151,651 148,194	261.8 269.1 254.9	269 114 155	0.2 0.2 0.3	3,619 1,435 2,184	3.2 2.5 3.8	18,779 8,062 10,717	16.4 14.3 18.4
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T M F	647 302 255	1.5 1.8 1.2	1,428 803 625	3.3 3.7 2.8	41,134 22,802 18,332	94.0 104.9 83.3	64 30 34	0.1 0.1 0.2	2,353 1,060 1,293	5.4 4.9 5.9	8,369 4,752 3,617	19.1 21.9 16.4
SINGAPORE	1978	T M F	8 3 5	0.3 0.3 0.4	65 30 35	2.8 2.5 3.1	3,983 2,182 1,801	170.6 183.4 157.3	2 2 —	0.1 0.2 —	96 42 54	4.1 3.5 4.7	262 122 140	11.2 10.3 12.2
THAILAND	1978	T M F	211 131 80	0.5 0.6 0.4	3,668 2,193 1,475	8.2 9.7 6.6	11,377 6,976 4,401	25.3 30.9 19.7	39 9 30	0.1 0.0 0.1	248 130 118	0.6 0.6 0.5	1,539 916 623	3.4 4.1 2.8

Number of Deaths and Death Rates by Causes (ICD-8 "A") (9)

	Year	Sex	A83		A84		A85		A86		A87		A88	
			Ischaemic Heart Disease		Other Forms of Heart Disease		Cerebrovascular Disease		Diseases of Arteries, Arterioles and Capillaries		Venous Thrombosis and Embolism		Other Diseases of Circulatory System	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	45,620 39.8 25,187 44.7 20,433 35.1		57,547 50.3 28,021 49.7 29,526 50.8		167,452 146.2 85,308 151.4 82,144 141.3		5,584 4.9 2,947 5.2 2,637 4.5		247 0.2 130 0.2 117 0.2		728 0.6 447 0.8 281 0.5	
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T M F	13,804 31.6 8,097 37.2 5,707 25.9		8,595 19.6 4,515 20.8 4,080 18.5		4,991 11.4 2,817 13.0 2,174 9.9		2,101 4.8 1,058 4.9 1,043 4.7		335 0.8 166 0.8 169 0.8		522 1.2 307 1.4 215 1.0	
SINGAPORE	1978	T M F	1,749 74.9 1,081 90.9 668 58.3		411 17.6 232 19.5 179 15.6		1,382 59.2 654 55.0 728 63.6		58 2.5 33 2.8 25 2.2		10 0.4 6 0.5 4 0.3		13 0.6 10 0.8 3 0.3	
THAILAND	1978	T M F	206 0.5 125 0.6 81 0.4		5,307 11.8 3,226 14.3 2,081 9.3		3,790 8.4 2,419 10.7 1,371 6.1		15 0.0 9 0.0 6 0.0		5 0.0 3 0.0 2 0.0		228 0.5 139 0.6 89 0.4	

Number of Deaths and Death Rates by Causes (ICD-8 "A") (10)

	Year	Sex	VIII (A89–A96)		A89		A90		A91 & A92		A93		Other	
			Diseases of the Respiratory System		Acute Respiratory Infections		Influenza		Pneumonia		Bronchitis, Emphysema and Asthma			
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	49,452 28,454 20,998	43.2 50.5 36.1	3,711 1,729 1,982	3.2 3.1 3.4	707 368 339	0.6 0.7 0.6	28,241 15,653 12,588	24.7 27.8 21.6	12,186 7,623 4,563	10.6 13.5 7.8	4,607 3,081 1,526	4.0 5.5 2.6
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T N F	64,086 34,994 29,092	146.5 160.9 132.2	3,773 2,088 1,685	8.6 9.6 7.7	2,781 1,438 1,343	6.4 6.6 6.1	47,105 25,746 21,359	107.7 118.4 97.1	7,142 4,005 3,137	16.3 18.4 14.3	3,285 1,717 1,568	7.5 7.9 7.1
SINGAPORE	1978	T M F	1,724 1,010 714	73.9 84.9 62.4	7 5 2	0.3 0.4 0.2	19 11 8	0.8 0.9 0.7	942 473 469	40.4 39.8 41.0	240 149 91	10.3 12.5 7.9	516 372 144	22.1 31.3 12.6
THAILAND	1978	T M F	23,330 13,332 9,998	51.9 59.0 44.7	14,992 8,339 6,653	33.3 36.9 29.7	871 454 417	1.9 2.0 1.9	5,308 3,201 2,107	11.8 14.2 9.4	1,240 768 472	2.8 3.4 2.1	919 570 349	2.8 3.4 2.1

Number of Deaths and Death Rates by Causes (ICD-8 "A") (11)

	Year	Sex	IX (A97-A104)		A98		A100		A101		A102		A103	
			Diseases of the Digestive System		Peptic Ulcer		Appendicitis		Intestinal Obstruction and Hernia		Cirrhosis of Liver		Cholelithiasis and Cholecystitis	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T	38,144	33.3	5,810	5.1	262	0.2	2,477	2.2	16,077	14.0	2,691	2.3
		M	23,116	41.0	3,641	6.5	127	0.2	1,204	2.1	11,678	20.7	1,080	1.9
		F	15,028	25.8	2,169	3.7	135	0.2	1,273	2.2	4,399	7.6	1,611	2.8
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T	12,111	27.7	4,591	10.5	414	0.9	1,566	3.6	1,823	4.2	116	0.3
		M	8,370	38.5	3,157	14.5	243	1.1	1,037	4.8	1,429	6.6	60	0.3
		F	3,741	17.0	1,434	6.5	171	0.8	529	2.4	394	1.8	56	0.3
SINGAPORE	1978	T	359	15.4	70	3.0	5	0.2	21	0.9	118	5.1	13	0.6
		M	231	19.4	41	3.4	3	0.3	11	0.9	84	7.1	9	0.8
		F	128	11.2	29	2.5	2	0.2	10	0.9	34	3.0	4	0.3
THAILAND	1978	T	10,705	23.8	1,233	2.7	181	0.4	291	0.6	1,684	3.7	195	0.4
		M	7,050	31.2	881	3.9	102	0.5	189	0.8	1,198	5.3	126	0.6
		F	3,655	16.3	352	1.6	79	0.4	102	0.5	486	2.2	69	0.3

Number of Deaths and Death Rates by Causes (ICD-8 "A") (12)

	Year	Sex	Other		X (A105—A111)		A106		A107		A109		Other	
					Diseases of Genito-Urinary System		Other Nephritis and Nephrosis		Infections of Kidney		Hyperpiasis of Prostate			
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	10,827 5,386 5,441	9.5 9.6 9.4	11,189 5,564 5,625	9.8 9.9 9.7	5,499 2,754 2,745	4.8 4.9 4.7	1,468 435 1,033	1.3 0.8 1.8	622	1.1	3,600 1,753 1,847	3.1 3.1 3.2
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T M F	3,601 2,444 1,157	8.2 11.2 5.3	5,805 3,208 2,597	13.3 14.8 11.8	3,309 1,812 1,497	7.6 8.3 6.8	550 299 251	1.3 1.4 1.1	67	0.3	1,879 1,030 849	4.3 4.7 3.9
SINGAPORE	1978	T M F	132 83 49	5.7 7.0 4.3	381 181 200	16.3 15.2 17.5	296 138 158	12.7 11.6 13.8	16 6 10	0.7 0.5 0.9	10	0.8	59 27 32	2.5 2.3 2.8
THAILAND	1978	T M F	7,121 4,554 2,567	15.8 20.2 11.5	2,531 1,355 1,176	5.6 6.0 5.3	1,792 1,002 790	4.0 4.4 3.5	11 8 3	0.0 0.0 0.0	6	0.0	722 339 383	1.6 1.5 1.7

Number of Deaths and Death Rates by Causes (ICD-8 "A") (13)

	Year	Sex	XI (A112–A118)	XII (A119 & A120)		XIII (A121–A125)		A121		Other		XIV (A126–A130)	
			Complications of Pregnancy Childbirth, etc.	Diseases of the Skin and Sub-cutaneous Tissue		Diseases of the Musculoskeletal System & Connective Tissue		Arthritis and Spondylitis				Congenital Anomalies	
			Number	Rate	N	R	N	R	N	R	N	R	N
INDONESIA		T M F											
JAPAN	1978	T M F			875 0.8 349 0.6 526 0.9		4,008 3.5 962 1.7 3,046 5.2		2,571 2.2 593 1.1 1,978 3.4		1,437 1.3 369 0.7 1,068 1.8		5,551 4.8 3,010 5.3 2,541 4.4
MALAYSIA		T M F											
Peninsular Malaysia		T M F											
Sabah		T M F											
Sarawak		T M F											
PHILIPPINES	1976	T M F			912 2.1 485 2.2 427 1.9		723 1.7 446 2.1 277 1.3		360 0.8 230 1.1 130 0.6		363 0.8 216 1.0 147 0.7		3,449 7.9 1,975 9.1 1,474 6.7
SINGAPORE	1978	T M F			23 1.0 11 0.9 12 1.0		38 1.6 8 0.7 30 2.6		10 0.4 3 0.3 7 0.6		28 1.2 5 0.4 23 2.0		184 7.9 122 10.3 62 5.4
THAILAND	1978	T M F			145 0.3 88 0.4 57 0.3		50 0.1 26 0.1 24 0.1		12 0.0 6 0.0 6 0.0		38 0.1 20 0.1 18 0.1		840 1.9 380 1.7 460 2.1

Number of Deaths and Death Rates by Causes (ICD-8 "A") (14)

	Year	Sex	A126		A127		Other		XV (A131—A135)		XVII(A136&A137)		A136	
			Spins Bifids		Congenital Anomalies of Heart				Certain Causes of Perinatal Mortality		Symptoms and ill-defined Conditions		Senility without Mention of Psychosis	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	83 44 39	0.1 0.1 0.1	3,109 1,651 1,458	2.7 2.9 2.5	2,359 1,315 1,044	2.1 2.3 1.8	6,629 3,886 2,746	5.8 6.9 4.7	34,364 15,598 20,766	30.0 24.1 35.7	27,976 9,907 18,069	24.4 17.6 31.1
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T M F	27 17 10	0.1 0.1 0.0	2,006 1,109 897	4.6 5.1 4.1	1,416 849 567	3.2 3.9 2.6	18,779 11,115 7,664	42.9 51.1 34.8	30,804 15,797 15,007	70.4 72.6 68.2	12,023 5,256 6,767	27.5 24.2 36.7
SINGAPORE	1978	T M F	4 2 2	0.2 0.2 0.2	98 65 33	4.2 5.5 2.9	82 55 27	3.5 4.6 2.4	239 151 88	10.2 12.7 7.7	573 266 307	24.5 22.4 26.8	496 215 281	21.2 18.1 24.5
THAILAND	1978	T M F	— — —	— — —	461 147 314	1.0 0.7 1.4	379 233 146	0.8 1.0 0.7	3,663 2,348 1,315	8.1 10.4 5.9	109,407 57,051 52,356	243.3 252.5 233.9	45,943 21,573 24,370	102.2 95.5 108.9

Number of Deaths and Death Rates by Causes (ICD-8 "A") (15)

	Year	Sex	A137		XVII (AE138-AE150)		AE138		AE139		AE140		AE141	
			Symptoms and Other ill-defined Conditions		Accidents, Poisonings and Violence		Motor Vehicle Accidents		Other Transport Accidents		Accidental Poisoning		Accidental Falls	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	6,388 3,691 2,697	5.6 6.5 4.0	53,086 36,338 16,748	46.4 64.5 28.8	12,030 9,118 2,912	10.5 16.2 5.0	1,656 1,360 296	1.4 2.4 0.5	754 474 280	0.7 0.8 0.5	4,427 3,611 1,416	3.9 5.3 2.4
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T M F	18,781 10,541 8,240	42.9 48.5 37.4	17,524 13,277 4,247	40.1 61.1 19.3	1,759 1,260 499	4.0 5.8 2.3	80 68 12	0.2 0.3 0.1	243 132 111	0.6 0.6 0.5	638 491 147	1.5 2.3 0.7
SINGAPORE	1978	T M F	77 51 26	3.3 4.3 2.3	1,057 790 267	45.3 66.4 23.3	299 244 55	12.8 20.5 4.8	34 27 7	1.5 2.3 0.6	10 9 1	0.4 0.8 0.1	36 28 8	1.5 2.4 0.7
THAILAND	1978	T M F	63,464 35,478 27,986	141.1 157.0 125.0	27,313 20,669 6,664	60.7 91.5 29.7	6,421 4,793 1,628	14.3 21.2 7.3	204 155 49	0.5 6.7 0.2	283 171 112	0.6 0.8 0.5	308 221 87	0.7 1.0 0.4

Number of Deaths and Death Rates by Causes (ICD-8 "A") (16)

	Year	Sex	AE142		AE143		AE144		AE145		AE146		AE147	
			Accidents Caused by Fires		Accidental Drowning and Submersion		Accident Caused by Firearm Missiles		Accidents Mainly of Industrial Type		All Other Accidents		Suicide and Self Inflicted Injury	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1978	T M F	1,564 920 644	1.4 1.6 1.1	3,803 2,808 995	3.3 5.0 1.7	14 14 —	0.0 0.0 —	2,338 2,009 329	2.0 3.6 0.6	3,431 2,335 1,096	3.0 4.1 1.9	20,199 12,409 7,790	17.6 22.0 13.4
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES	1976	T M F	393 213 180	0.9 1.0 0.8	1,970 1,359 611	4.5 6.2 2.8	— — —	— — —	459 376 83	1.0 1.7 0.4	5,014 3,481 1,533	11.5 16.0 7.0	349 192 157	0.8 0.9 0.7
SINGAPORE	1978	T M F	7 2 5	0.3 0.2 0.4	30 22 8	1.3 1.8 0.7	1 1 —	0.0 0.1 —	107 99 8	4.6 8.3 0.7	31 22 9	1.3 1.8 0.8	266 155 111	11.4 13.0 9.7
THAILAND	1978	T M F	282 156 126	0.6 0.7 0.6	2,477 1,569 908	5.5 6.9 4.1	411 359 52	0.9 1.6 0.2	799 626 173	1.8 2.8 0.8	4,462 3,237 1,225	9.9 14.3 5.5	2,458 1,293 1,165	5.5 5.7 5.2

Number of Deaths and Death Rates by Causes (ICD-8 "A") (17)

	Year	Sex	AE148		AE149		AE150	
			Homicide & Injury Purposely Inflicted by Other Persons; Legal Intervention		Injury Undeter- mined whether Accidentally or Purposely Inflicted		Injury Resulting from Operations War	
			Number	Rate	N	R	N	R
INDONESIA		T M F						
JAPAN	1978	T M F	1,306 754 552	1.1 1.3 0.9	1,557 1,119 438	1.4 2.0 0.8	7 7 —	0.0 0.0 —
MALAYSIA		T M F						
Peninsular Malaysia		T M F						
Sabah		T M F						
Sarawak		T M F						
PHILIPPINES	1976	T M F	729 669 60	1.7 3.1 0.3	5,492 4,662 830	12.6 21.4 3.8	398 374 24	0.9 1.7 0.1
SINGAPORE	1978	T M F	39 32 7	1.7 2.7 0.6	197 147 48	8.4 12.5 4.2	— — —	— — —
THAILAND	1978	T M F	9,202 8,084 1,118	20.5 35.8 5.0	6 5 1	0.0 0.0 0.0	— — —	— — —

Number of Deaths and Death Rates by Causes (ICD-9 "A") (1)

Rate: Per 100,000 Population

	Year	Sex	All Causes		01-07		011		010, 019, 012-016		020-021		022-025, 029	
					Infectious and Parasitic Diseases		Typhoid Fever		Other Intestinal Infectious Diseases		Tuberculosis of Respiratory System		Tuberculosis, Other Forms	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1979	T M F	689,664 373,183 316,481	597.3 656.6 539.8	12,349 7,789 4,560	10.7 13.7 7.8	2 1 1	0.0 0.0 0.0	1,877 786 1,091	1.6 1.4 1.9	6,405 4,730 1,675	5.5 8.3 2.9	333 166 167	0.3 0.3 0.3
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES		T M F												
SINGAPORE	1979	T M F	12,467 7,196 5,271	527.7 598.0 454.6	503 327 176	21.3 27.2 15.2	2 1 1	0.1 0.1 0.1	57 31 26	2.4 2.6 2.2	309 243 66	13.1 20.2 5.7	22 8 14	0.9 0.7 1.2
THAILAND	1979	T M F	241,111 140,213 100,898	523.4 605.8 440.2	22,233 13,271 8,962	48.3 57.3 39.1	297 159 138	0.6 0.7 0.6	5,367 3,051 2,316	11.7 13.2 10.1	6,738 4,427 2,311	14.6 19.1 10.1	108 62 46	0.2 0.3 0.2

Source: World Health Statistics Annual 1981, WHO

Number of Deaths and Death Rates by Causes (ICD-9 "A") (2)

	Year	Sex	034		036		037		038		030-033,035,039		042	
			Whooping Cough		Meingococcal Infection		Tetanus		Septicaemia		Other Bacterial Diseases		Measles	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1979	T M F	41 23 18	0.0 0.0 0.0	6 3 3	0.0 0.0 0.0	51 35 16	0.0 0.1 0.0	1,139 571 568	1.0 1.0 1.0	81 47 34	0.1 0.1 0.1	80 36 44	0.1 0.1 0.1
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES		T M F												
SINGAPORE	1979	T M F	— — —	— — —	— — —	— — —	3 2 1	0.1 0.2 0.1	57 20 37	2.4 1.7 3.2	6 4 2	0.3 0.3 0.2	2 — 2	0.1 — 0.2
THAILAND	1979	T M F	24 12 12	0.1 0.1 0.1	2 2 —	0.0 0.0 —	880 546 334	1.9 2.4 1.5	2,235 1,224 1,011	4.9 5.3 4.4	607 332 275	1.3 1.4 1.2	97 49 48	0.2 0.2 0.2

Number of Deaths and Death Rate by Causes (ICD-9 "A") (3)

	Year	Sex	040,041,043-049		052		050,051,053,054,059		06		07		08-14	
			Other Viral Diseases		Malaria		Other Arthropod-Borne Diseases		Venereal Diseases		Other Infectious and Parasitic Diseases		Malignant Neoplasms	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1979	T M F	1,412 778 634	1.2 1.4 1.1	1 1 —	0.0 0.0 —	1 1 —	0.0 0.0 —	182 125 57	0.2 0.2 0.1	738 486 252	0.6 0.9 0.4	156,661 90,136 66,525	135.7 158.6 113.5
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES		T M F												
SINGAPORE	1979	T M F	27 7 20	1.1 0.6 1.7	1 — 1	0.0 — 0.1	— — —	— — —	5 3 2	0.2 0.2 0.2	12 8 4	0.5 0.7 0.3	2,488 1,571 917	105.3 130.6 79.1
THAILAND	1979	T M F	1,553 793 760	3.4 3.4 3.3	3,787 2,301 1,486	8.2 9.9 6.5	3 3 —	0.0 0.0 —	37 25 12	0.1 0.1 0.1	498 285 213	1.1 1.2 0.9	9,672 5,465 4,207	21.0 23.6 18.4

Number of Deaths and Death Rate by Causes (ICD-9 "A") (4)

	Year	Sex	08		090		091		093		094		095	
			Malignant Neoplasm of Lip, Oral Cavity and Pharynx		Malignant Neoplasm of Oesophagus		Malignant Neoplasm of Stomach		Malignant Neoplasm of Colon		Malignant Neoplasm of Rectum, Rectosigmoid Junction and Anus		Malignant Neoplasm of Liver, Specified as Primary	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1979	T M F	1,806 1,218 588	1.6 2.1 1.0	5,479 4,347 1,132	4.7 7.6 1.9	50,620 30,777 19,843	43.8 54.1 33.8	7,325 3,553 3,772	6.3 6.3 6.4	6,908 3,838 3,070	6.0 6.8 5.2	8,078 5,795 2,283	7.0 10.2 3.9
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES		T M F												
SINGAPORE	1979	T M F	194 146 48	8.2 12.1 4.1	115 80 35	4.9 6.6 3.0	348 233 115	14.7 19.4 9.9	162 85 77	6.9 7.1 6.6	105 54 51	4.4 4.5 4.4	36 33 3	1.5 2.7 0.3
THAILAND	1979	T M F	402 255 147	0.9 1.1 0.6	159 117 42	0.3 0.5 0.2	325 209 116	0.7 0.9 0.5	278 154 124	0.6 0.7 0.5	20 10 10	0.0 0.0 0.0	1 1 —	0.0 0.0 —

Number of Deaths and Death Rate by Causes (ICD-9 "A") (5)

	Year	Sex	100		101		113		120		122		124	
			Malignant Neoplasm of Larynx		Malignant Neoplasm of Trachea, Bronchus and Lung		Malignant Neoplasm of Female Breast		Malignant Neoplasm of Cervix Uteri		Malignant Neoplasm of Uterus, Other and Uhspec		Malignant Neoplasm of Prostate	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA		T M F												
JAPAN	1979	T M F	859 748 111	0.7 1.3 0.2	19,923 14,600 5,323	17.3 25.7 9.1							1,666	2.9
MALAYSIA		T M F												
Peninsular Malaysia		T M F												
Sabah		T M F												
Sarawak		T M F												
PHILIPPINES		T M F												
SINGAPORE	1979	T M F	29 29 —	1.2 2.4 —	584 454 130	24.7 37.7 11.2							21	1.7
THAILAND	1979	T M F	30 27 3	0.1 0.1 0.0	936 670 266	2.0 2.9 1.2							11	0.0

Number of Deaths and Death Rate by Causes (ICD-9 "A") (6)

	Year	Sex	120				141		140, 149		15-17	
			Malignant Neoplasm of Bladder		Malignant Neoplasm of Other Sites		Leukaemia		Other Malignant Neoplasms of Lymphatic and Haemopoietic Tissue		Benign Neoplasm, Other and Unspecified Neoplasm	
			Number	Rate	N	R	N	R	N	R	N	R
INDONESIA		T M F										
JAPAN	1979	T M F	2,191 1,515 676	1.9 2.7 1.2	33,237 16,780 16,457	28.8 29.5 28.1	4,544 2,568 1,976	3.9 4.5 3.4	4,575 2,731 1,844	4.0 4.8 3.1	5,943 3,308 2,635	5.1 5.8 4.5
MALAYSIA		T M F										
Peninsular Malaysia		T M F										
Sabah		T M F										
Sarawak		T M F										
PHILIPPINES		T M F										
SINGAPORE	1979	T M F	20 14 6	0.8 1.2 0.5	526 338 188	22.3 28.1 16.2	81 45 36	3.4 3.7 3.1	64 39 25	2.7 3.2 2.2	54 24 30	2.3 2.0 2.6
THAILAND	1979	T M F	63 46 17	0.1 0.2 0.1	6,374 3,757 2,617	13.8 16.2 11.4	275 157 118	0.6 0.7 0.5	89 51 38	0.2 0.2 0.2	48 30 18	0.1 0.1 0.1

Number of Deaths and Death Rates by Causes (ICD-9 "A") (7)

	Year	Sex	181	180, 182, 183, 189		191		192	
			Diabetes Mellitus	Other Endocrine and Metabolic Diseases		Nutritional Marasmus		Other Protein-Calorie Malnutrition	
			Number Rate	N R		N R		N R	
INDONESIA		T M F							
JAPAN	1979	T M F	8,044 7.0 3,839 6.8 4,205 7.2	1,165 1.0 529 0.9 639 1.1		— — — — — —		217 0.2 101 0.2 116 0.2	
MALAYSIA		T M F							
Peninsular Malaysia		T M F							
Sabah		T M F							
Sarawak		T M F							
PHILIPPINES		T M F							
SINGAPORE	1979	T M F	347 14.7 141 11.7 206 17.8	24 1.0 8 0.7 16 1.4		2 0.1 1 0.1 1 0.1		30 1.3 11 0.9 19 1.6	
THAILAND	1979	T M F	1,225 2.7 557 2.4 668 2.9	67 0.1 22 0.1 45 0.2		189 0.4 72 0.3 117 0.5		1 0.0 — — 1 0.0	

Number of Deaths and Death Rates by Causes (ICD-9 "A") (8)

	Year	Sex	190, 193		200		209		210	
			Other Nutritional Deficiencies		Anaemias		Other Diseases of Blood and Blood-Forming Organs		Mental Disorders	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	143 66 77	0.1 0.1 0.1	1,559 714 845	1.4 1.3 1.4	707 344 363	0.6 0.6 0.6	2,879 1,579 1,300	2.5 2.8 2.2
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	— — —	— — —	32 11 21	1.4 0.9 1.8	9 7 2	0.4 0.6 0.2	18 7 11	0.8 0.6 0.9
THAILAND	1979	T M F	974 489 485	2.1 2.1 2.1	296 150 146	0.6 0.6 0.6	57 25 32	0.1 0.1 0.1	581 438 143	1.3 1.9 0.6

Number of Deaths and Death Rates by Causes (ICD-9 "A") (9)

	Year	Sex	220		223		225		221, 222, 224, 229, 23, 24	
			Meningitis		Multiple Sclerosis		Epilepsy		Other Diseases of The Nervous System and Sense Organs	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	751 404 347	0.7 0.7 0.6	70 32 38	0.1 0.1 0.1	566 307 259	0.5 0.5 0.4	4,497 2,463 2,034	3.9 4.3 3.5
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	34 23 11	1.4 1.9 0.9	— — —	— — —	10 5 5	0.4 0.4 0.4	77 37 40	3.3 3.1 3.5
THAILAND	1979	T M F	965 580 385	2.1 2.5 1.7	— — —	— — —	170 113 57	0.4 0.5 0.2	4,372 2,625 1,747	9.5 11.3 7.6

Number of Deaths and Death Rates by Causes (ICD-9 "A") (10)

	Year	Sex	25-30		250		251		26	
			Diseases of The Circulatory System		Acute Rheumatic Fever		Chronic Rheumatic Heart Disease		Hypertensive Disease	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T	295,358	255.8	146	0.1	1,770	1.5	16,143	14.0
		M	149,254	262.6	38	0.1	570	2.0	6,861	12.1
		F	146,104	249.2	108	0.2	1,200	2.0	9,282	15.8
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T	4,233	179.2	—	—	76	3.2	351	14.9
		M	2,303	191.4	—	—	25	2.1	161	13.4
		F	1,930	166.5	—	—	51	4.4	190	16.4
THAILAND	1979	T	19,893	43.2	6	0.0	257	0.6	1,684	3.7
		M	12,021	51.9	—	—	126	0.5	955	4.1
		F	7,872	34.3	6	0.0	131	0.6	729	3.2

Number of Deaths and Death Rates by Causes (ICD-9 "A") (11)

	Year	Sex	270		279		28		29	
			Acute Myocardial Infarction		Other Ischaemic Heart Diseases		Diseases of Pulmonary Circulation and Other Forms of Heart Disease		Cerebrovascular Disease	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	26,556 15,845 10,711	23.0 27.9 18.3	17,788 8,811 8,977	15.4 15.5 15.3	65,824 32,839 32,985	57.0 57.8 56.3	158,974 80,134 78,840	137.7 141.0 134.5
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	1,358 863 495	57.5 71.7 42.7	517 304 213	21.9 25.3 18.4	450 240 210	19.0 19.9 18.1	1,409 668 741	59.6 55.5 63.9
THAILAND	1979	T M F	254 165 89	0.6 0.7 0.4	158 87 71	0.3 0.4 0.3	12,577 7,512 5,065	27.3 32.5 22.1	4,672 3,002 1,670	10.1 13.0 7.3

Number of Deaths and Death Rates by Causes (ICD-9 "A") (12)

	Year	Sex	300		301, 302		303		304, 305, 309	
			Atherosclerosis		Embolism, Thrombosis and Other Dis. of Arteries, Arterioles & Capillaries		Phlebitis, Thrombophlebitis, Venous Embolism and Thrombosis		Other Diseases of The Circulatory System	
			Number	Rates	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	5,186 2,249 2,937	4.5 4.0 5.0	2,152 1,406 746	1.9 2.5 1.3	99 53 46	0.1 0.1 0.1	720 448 272	0.6 0.8 0.5
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	19 9 10	0.8 0.7 0.9	37 22 15	1.6 1.8 1.3	1 — 1	0.0 — 0.1	15 11 4	0.6 0.9 0.3
THAILAND	1979	T M F	2 2 —	0.0 0.0 —	14 10 4	0.0 0.0 0.0	2 — 2	0.0 — 0.0	267 162 105	0.6 0.7 0.5

Number of Deaths and Death Rates by Causes (ICD-9 "A") (13)

	Year	Sex	310-312		320		321		322	
			Acute Upper Respiratory Infection		Acute Bronchitis and Bronchiolitis		Pneumonia		Influenza	
			Number	Rates	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	1,455 631 824	1.3 1.1 1.4	1,842 976 866	1.6 1.7 1.5	27,330 15,233 12,097	23.7 26.8 20.6	136 66 70	0.1 0.1 0.1
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	1 — 1	0.0 — 0.1	1 — 1	0.0 — 0.1	1,124 565 559	47.6 47.0 48.2	18 9 9	0.8 0.7 0.8
THAILAND	1979	T M F	12,710 6,937 5,773	27.6 30.0 25.2	32 18 14	0.1 0.1 0.1	4,655 2,726 1,929	10.1 11.8 8.4	627 337 290	1.4 1.5 1.3

Number of Deaths and Death Rates by Causes (ICD-9 "A") (14)

	Year	Sex	323		313-315, 324-327, 329		341		342	
			Bronchitis, Chronic and Unspecified, Emphysema and Asthma		Other Diseases of The Respiratory System		Ulcer of Stomach and Duodenum		Appendicitis	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	11,626 7,337 4,289	10.1 12.9 7.3	5,775 3,802 1,973	5.0 6.7 3.4	5,502 3,382 2,120	4.8 6.0 3.6	254 136 118	0.2 0.2 0.2
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	222 135 87	9.4 11.2 7.5	658 468 190	27.8 38.9 16.4	81 56 25	3.4 4.7 2.2	5 3 2	0.2 0.2 0.2
THAILAND	1979	T M F	1,071 679 392	2.3 2.9 1.7	1,170 766 404	2.5 3.3 1.8	1,056 688 368	2.3 3.0 1.6	188 115 73	0.4 0.5 0.3

Number of Deaths and Death Rates by Causes (ICD-9 "A") (15)

	Year	Sex	343, 344		347		33, 340, 345, 346, 348, 349		350	
			Hernia of Abdominal Cavity and Intestinal Obstruction		Chronic Liver Disease and Cirrhosis		Other Diseases of The Digestive System		Nephritis, Nephrotic Syndrome and Nephrosis	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	2,465 1,206 1,259	2.1 2.1 2.1	16,382 11,987 4,395	14.2 21.1 7.5	13,508 6,715 6,793	11.7 11.8 11.6	9,264 4,671 4,593	8.0 8.2 7.8
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	27 20 7	1.1 1.7 0.6	129 94 35	5.5 7.8 3.0	140 83 57	5.9 6.9 4.9	287 141 146	12.1 11.7 12.6
THAILAND	1979	T M F	282 185 97	0.6 0.8 0.4	1,958 1,453 505	4.3 6.3 2.2	7,518 4,855 2,663	16.3 21.0 11.6	2,326 1,337 989	5.0 5.8 4.3

Number of Deaths and Death Rates by Causes (ICD-9 "A") (16)

	Year	Sex	351		360		352,353,361-363,369,37		38	
			Infections of Kidney		Hyperplasia of Prostate		Other Diseases of The Genitourinary System		Abortion	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	1,529 453 1,076	1.3 0.8 1.8	485	0.9	1,102 489 613	1.0 0.9 1.0	44	0.1
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	23 9 14	1.0 0.7 1.2	7	0.6	32 11 21	1.4 0.9 1.8	1	0.1
THAILAND	1979	T M F	7 4 3	0.0 0.0 0.0	4	0.0	434 194 240	0.9 0.8 1.0	82	0.4

Number of Deaths and Death Rates by Causes (ICD-9 "A") (17)

	Year	Sex	390	391	394	392, 393, 399
			Haemorrhage of Pregnancy and Childbirth	Toxaemia of Pregnancy	Complications of The Puerperium	Other Direct Obstetric Causes
			Number Rate	N R	N R	N R
INDONESIA		T M F				
JAPAN	1979	T M F	108 0.2	75 0.1	57 0.1	55 0.1
MALAYSIA		T M F				
Peninsular Malaysia		T M F				
Sabah		T M F				
Sarawak		T M F				
PHILIPPINES		T M F				
SINGAPORE	1979	T M F	— —	— —	1 0.1	1 0.1
THAILAND	1979	T M F	188 0.8	53 0.2	32 0.1	562 2.5

Number of Deaths and Death Rates by Causes (ICD-9 "A") (18)

	Year	Sex	40, 41		42		43		440	
			All Other Indirect Obstetric Causes		Diseases of Skin and Subcutaneous Tissue		Diseases of The Musculoskeletal System and Connective Tissue		Spina Bifida and Hydrocephalus	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	37	0.1	743 260 483	0.6 0.5 0.8	4,008 992 3,016	3.5 1.7 5.1	234 138 96	0.2 0.2 0.2
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	—	—	16 8 8	0.7 0.7 0.7	41 12 29	1.7 1.0 2.5	9 4 5	0.4 0.3 0.4
THAILAND	1979	T M F	188	0.8	123 72 51	0.3 0.3 0.2	55 29 26	0.1 0.1 0.1	3 2 1	0.0 0.0 0.0

Number of Deaths and Death Rates by Causes (ICD-9 "A") (19)

	Year	Sex	442		441, 443-447, 449		453		450-452, 454, 455, 459	
			Congenital Anomalies of Heart and Circulatory System		Other Congenital Anomalies		Birth Trauma		Other Conditions Originating in the Perinatal Period	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	3,096 1,676 1,420	2.7 2.9 2.4	1,655 841 814	1.4 1.5 1.4	468 295 173	0.4 0.5 0.3	5,931 3,484 2,447	5.1 6.1 4.2
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	105 54 51	4.4 4.5 4.4	69 40 29	2.9 3.3 2.5	10 6 4	0.4 0.5 0.3	251 146 105	10.6 12.1 9.1
THAILAND	1979	T M F	368 194 174	0.8 0.8 0.8	314 186 128	0.7 0.8 0.6	2 1 1	0.0 0.0 0.0	2,856 1,637 1,219	6.2 7.1 5.3

Number of Deaths and Death Rates by Causes (ICD-9 "A") (20)

	Year	Sex	465		460-464, 466, 467, 469		E47-E53		E471	
			Senility without Mention of Psychosis		Signs, Symptoms and Other Ill-Defined Conditions		Accidents and Adverse Effects		Motor Vehicle Traffic Accidents	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	29,419 10,271 19,148	25.5 18.1 32.7	1,167 695 472	1.0 1.2 0.8	29,227 21,337 7,890	25.3 37.5 13.5	11,562 8,659 2,903	10.0 15.2 5.0
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	360 150 210	15.2 12.5 18.1	111 68 43	4.7 5.7 3.7	396 317 79	16.8 26.3 6.8	231 185 46	9.8 15.4 4.0
THAILAND	1979	T M F	50,976 24,335 26,641	110.7 105.1 116.2	58,915 33,092 25,823	127.9 143.0 112.7	16,599 12,236 4,363	36.0 52.9 19.0	6,653 5,016 1,637	14.4 21.7 7.1

Number of Deaths and Death Rates by Causes (ICD-9 "A") (21)

	Year	Sex	E470, E472-E474, E479		E48		E50		E51	
			Other Transport Accidents		Accidental Poisoning		Accidental Falls		Accidents Caused by Fire and Flames	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	1,800 1,473 327	1.6 2.6 0.6	743 484 259	0.6 0.9 0.4	4,659 3,090 1,479	4.0 5.4 2.5	1,493 906 587	1.3 1.6 1.0
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	21 18 3	0.9 1.5 0.3	6 6 —	0.3 0.5 —	47 47 10	2.0 3.1 0.9	3 1 2	0.1 0.1 0.2
THAILAND	1979	T M F	356 268 88	0.8 1.2 1.4	239 116 123	0.5 0.5 0.5	393 303 90	0.9 1.3 0.4	271 162 109	0.6 0.7 0.5

Number of Deaths and Death Rates by Causes (ICD-9 "A") (22)

	Year	Sex	E521		E523		E524		E49, E520, E522, E529	
			Accidental Drowning and Submersion		Accidents Caused by Machinery and by Cutting and Piercing Instruments		Accidents Caused by Firearm Missile		All Other Accidents, including Late Effects	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T	3,616	3.1	854	0.7	12	0.0	4,568	4.0
		M	2,651	4.7	767	1.3	12	0.0	3,290	5.8
		F	965	1.6	87	0.1	—	—	1,278	2.2
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T	—	—	1	0.0	—	—	87	3.7
		M	—	—	1	0.1	—	—	69	5.7
		F	—	—	—	—	—	—	18	1.6
THAILAND	1979	T	2,497	5.4	13	0.0	468	1.0	5,694	12.4
		M	1,651	7.1	11	0.0	416	1.8	4,287	18.5
		F	846	3.7	2	0.0	52	0.2	1,407	6.1

Number of Deaths and Death Rates by Causes (ICD-9 "A") (23)

	Year	Sex	E53		E54		E55		E56	
			Drugs, Medicaments Causing Adverse Effects in Therapeutic Use		Suicide and Self- Inflicted Injury		Homicide and Injury Purposely Inflicted by Other Persons		Other Violence	
			Number	Rate	N	R	N	R	N	R
INDONESIA		T M F								
JAPAN	1979	T M F	10 5 5	0.0 0.0 0.0	20,823 12,851 7,972	18.0 22.6 13.6	1,192 669 523	1.0 1.2 0.9	1,761 1,240 521	1.5 2.2 0.9
MALAYSIA		T M F								
Peninsular Malaysia		T M F								
Sabah		T M F								
Sarawak		T M F								
PHILIPPINES		T M F								
SINGAPORE	1979	T M F	— — —	— — —	249 137 112	10.5 11.4 9.7	29 28 11	1.7 2.3 0.9	192 149 43	8.1 12.4 3.7
THAILAND	1979	T M F	15 6 9	0.0 0.0 0.0	3,082 1,596 1,486	6.7 6.9 6.5	11,913 10,663 1,250	25.9 46.1 5.5	19 14 5	0.0 0.1 0.0

**DEATHS ACCORDING TO CAUSE, BY SEX,
ICD "B" LIST**

Number of Deaths and Death Rates by Causes (B50) (1)

Rate: Per 100,000 Population

	Year	Sex	All Causes		B1		B2		B3		B4		B5	
					Cholera		Typhoid Fever		Bacillary Dysentery and Amoebiasis		Enteritis and Other Diarrhoeal Diseases		Tuberculosis of Respiratory System	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA	1980	T	746.3		19.8		24.7		18.1		92.4		57.7	
JAPAN ⁽¹⁾	1978	T	695,821	607.6	1	0.0	1	0.0	4	0.0	2,317	2.0	7,917	6.9
		M	375,625	666.5	1	0.0	—	—	3	0.0	962	1.7	5,780	10.3
		F	320,196	550.6	—	—	1	0.0	1	0.0	1,355	2.3	2,137	3.7
MALAYSIA														
Peninsular Malaysia ^{(2)(a)}	1977	T	24,381		6		29		21		584		671	
		M	15,235		5		14		14		331		555	
		F	9,146		1		15		7		253		116	
Sabah ⁽³⁾⁽⁵⁾	1975	T	3,921 ⁽⁵⁾				3 ⁽³⁾		1 ⁽³⁾		185 ⁽⁵⁾		86 ⁽⁵⁾	
		M												
		F												
Sarawak ^{(4)(a)}	1978	T	4,135		35		8		7		9		80	
		M												
		F												
PHILIPPINES ⁽⁴⁾	1974	T	283,975	687.6	347	0.8	563	1.4	646	1.6	3,982	9.6	28,621	69.3
		M												
		F												
SINGAPORE ⁽⁴⁾	1978	T	12,065	516.8	—	—	1	0.0	7	0.3	54	2.3	287	12.3
		M												
		F												
THAILAND ⁽⁵⁾	1976	T	237,062	551.8					9	0.0	5,850	13.6	6,473	15.1
		M												
		F												

Source: (1) Vital Statistics Japan, 1981

(2) World Health Statistics Annual 1981

(3) Vital Statistics, Sabah, 1975

(4) Demographic Yearbook 1979, UN

(5) Statistical Year Book for Asia and the Pacific 1977, UN

Note: (a) Medically certified or inspected deaths only

Number of Deaths and Death Rates by Causes (B50) (2)

	Year	Sex	B6		B7		B8		B9		B10		B11	
			Other Tuberculosis, including Late Effects		Plague		Diphtheria		Whooping Cough		Strepfococcal Sore Throat and Scarlet Fever		Meningococcal Infection	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA	1980	T	4.9				4.9							
JAPAN	1978	T	344	0.3	—	—	—	—	32	0.0	—	—	6	0.0
		M	169	0.3	—	—	—	—	18	0.0	—	—	3	0.0
		F	175	0.3	—	—	—	—	14	0.0	—	—	3	0.0
MALAYSIA														
Peninsular Malaysia	1977	T	38		—	—	15		6				2	
		M	19		—	—	4		2				2	
		F	19		—	—	11		4				—	
Sabah	1975	T	29 ⁽³⁾				6 ⁽³⁾							
		M												
		F												
Sarawak	1978	T	25		16		8		18		7		8	
		M												
		F												
PHILIPPINES	1974	T	2,409	5.8			519	1.3	58	0.1	4	0.0	153	0.4
		M												
		F												
SINGAPORE	1978	T	31	1.3	—	—	—	—	—	—	—	—	—	—
		M												
		F												
THAILAND	1976	T					832	1.9						
		M												
		F												

Number of Deaths and Death Rates by Causes (B50) (3)

	Year	Sex	B12		B13		B14		B15		B16		B17	
			Acute Poliomyelitis		Smallpox		Measles		Typhus and Other Rickettsioses		Malaria		Syphilis and its Sequelae	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA	1980	T					2.5				4.1			
JAPAN	1978	T	—	—	—	—	181	0.2	—	—	4	0.0	215	2.4
		M	—	—	—	—	100	0.2	—	—	4	0.0	147	0.3
		F	—	—	—	—	81	0.1	—	—	—	—	68	0.1
MALAYSIA														
Peninsular Malaysia	1977	T	3		—		51		6		41		7	
		M	1		—		24		5		28		6	
		F	2		—		27		1		13		1	
Sabah	1975	T					1 ⁽³⁾		—		204 ⁽⁶⁾		2 ⁽³⁾	
		M							—					
		F							—					
Sarawak	1978	T	3		—		11		5		8		6	
		M			—									
		F			—									
PHILIPPINES	1974	T	192	0.5	—	—	3,533	8.6	9	0.0	938	2.3	6	0.0
		M												
		F												
SINGAPORE	1978	T	—	—	—	—	2	0.1	—	—	—	—	5	0.2
		M												
		F												
THAILAND	1976	T									4,919	11.5		
		M												
		F												

Number of Deaths and Death Rates by Causes (B50) (4)

	Year	Sex	B18		B19		B20		B21		B22		B23	
			All Other Infective and Parasitic Diseases		Malignant Neoplasms, inc. N. of Lymphatic & Haematopoietic Tissue		Benign Neoplasms and Neoplasms of Unspecified Nature		Diabetes Mellitus		Avitaminoses and Other Nutritional Deficiency		Anaemias	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA	1980	T	11.5		23.9		1.6		2.5		2.5		0.8	
JAPAN	1978	T	2,744	2.4	150,336	131.3	6,183	5.4	9,685	8.5	465	0.4	1,445	1.3
		M	1,491	2.6	85,630	151.9	3,328	5.9	4,632	8.2	240	0.4	622	1.1
		F	1,253	2.2	64,706	111.3	2,858	4.9	5,053	8.7	225	0.4	823	1.4
MALAYSIA	1977	T	872		2,217		95		376		86		157	
Peninsular Malaysia		M	486		1,390		46		193		55		74	
		F	386		827		49		183		31		83	
Sabah	1975	T	45 ⁽³⁾		145 ⁽⁵⁾		1 ⁽³⁾		19 ⁽³⁾		17 ⁽³⁾		25 ⁽³⁾	
		M												
		F												
Sarawak	1978	T	60		204		46		2,347		4		18	
		M												
		F												
PHILIPPINES	1974	T	11,012	26.7	12,383	30.0	532	1.3	1,100	2.7	12,517	30.3	1,545	3.7
		M												
		F												
SINGAPORE	1978	T	115	4.9	2,386	102.2	29	1.2	334	14.3	37	1.6	38	1.6
		M												
		F												
THAILAND	1976	T			6,353	14.8								
		M												
		F												

Number of Deaths and Death Rates by Causes (B50) (5)

	Year	Sex	B24		B25		B26		B27		B28		B29	
			Meningitis		Active Rheumatic Fever		Chronic Rheumatic Heart Disease		Hypertensive Disease		Ischaemic Heart Disease		Other Forms of Heart Disease	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA	1980	T	37.1		0.8				9.1		21.4		23.9	
JAPAN	1978	T	895	0.8	269	0.2	3,619	3.2	18,779	16.4	45,620	39.8	57,547	50.3
		M	527	0.9	114	0.2	1,435	2.5	8,062	14.3	25,187	44.7	28,021	49.7
		F	368	0.6	155	0.3	2,184	3.8	10,717	18.4	20,433	35.1	29,526	56.8
MALAYSIA														
Peninsular Malaysia	1977	T	274		—		195		272		1,706		1,242	
		M	166		—		73		157		1,270		765	
		F	108		—		122		115		436		477	
Sabah	1975	T	34 ⁽³⁾		1 ⁽³⁾		4 ⁽³⁾		63 ⁽⁵⁾		41 ⁽³⁾		283 ⁽³⁾	
		M												
		F												
Sarawak	1978	T	40		1		33		56		10		115	
		M												
		F												
PHILIPPINES	1974	T	2,565	6.2	67	0.2	2,045	5.0	7,543	18.3	11,079	26.8	9,430	22.8
SINGAPORE	1978	T	39	1.7	2	0.1	96	4.1	262	11.2	1,749	74.9	411	17.6
		M												
		F												
THAILAND	1976	T											6,832	15.9
		M												
		F												

Number of Deaths and Death Rates by Causes (B50) (6)

	Year	Sex	B30		B31		B32		B33		B34		B35	
			Cerebrovascular Disease		Influenza		Pneumonia		Bronchitis, Emphysema and Asthma		Peptic Ulcer		Appendicitis	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA	1980	T	19.8		0.8		131.9		16.5		1.6		3.3	
JAPAN	1978	T	167,452	146.2	707	0.6	28,241	24.7	12,186	10.6	5,810	5.1	262	0.2
		M	85,308	151.4	368	0.7	15,653	27.8	7,623	13.5	3,641	6.5	127	0.2
		F	82,144	141.3	339	0.6	12,588	21.6	4,563	7.8	2,169	3.7	135	0.2
MALAYSIA														
Peninsular Malaysia	1977	T	1,656		—		1,380		264		171		24	
		M	989		—		803		189		125		16	
		F	667		—		577		75		46		8	
Sabah	1975	T	249 ⁽⁵⁾				221 ⁽⁵⁾		22 ⁽³⁾		15 ⁽³⁾		1 ⁽³⁾	
		M												
		F												
Sarawak	1978	T	54		1		144		32		22		4	
		M												
		F												
PHILIPPINES	1974	T	4,782	11.6	2,945	7.1	45,910	111.2	7,064	17.1	4,334	10.5	367	0.9
		M												
		F												
SINGAPORE	1978	T	1,382	59.2	19	0.8	942	40.4	240	10.3	70	3.0	5	0.2
		M												
		F												
THAILAND	1976	T	2,399	5.6	1,351	3.1	6,116	14.2						
		M												
		F												

Number of Deaths and Death Rate by Causes (B50) (7)

	Year	Sex	B36		B37		B38		B39		B40		B41	
			Intestinal Obstruction and Hernia		Cirrhosis of Liver		Nerphritis and Nephrosis		Hyperplasia of Prostate		Abortion		Other Complication of Pregnancy Childbirth and the Puerperium Delivery without Mention of Complication	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA	1980	T	4.9		30.5		6.6		1.6		0.8		4.9	
JAPAN	1978	T	2,477	2.2	16,077	14.0	6,632	5.8	622	0.5 ^(a)	11	0.0 ^(b)	367	0.3 ^(c)
		M	1,204	2.1	11,678	20.7	3,338	5.9	622	1.1				
		F	1,273	2.2	4,399	7.6	3,294	5.7			11	0.0	367	0.0
MALAYSIA														
Peninsular Malaysia	1977	T	138		237		336							
		M	89		202		211		8					
		F	49		35		125				14		104	
Sabah	1975	T	23 ⁽³⁾		24 ⁽³⁾		20 ⁽³⁾		2 ⁽³⁾		3 ⁽³⁾		13 ⁽³⁾	
		M												
		F												
Sarawak	1978	T	70		18		38		4		4		9	
		M												
		F												
PHILIPPINES	1974	T	1,584	3.8	1,694	4.1	3,670	8.9	24		131		1,486	138.8 ^(c)
		M												
		F												
SINGAPORE	1978	T	21	0.8	118	5.1	305	13.1	10	6.2 ^(a)	1	0.1 ^(b)	7	17.7 ^(c)
		M												
		F												
THAILAND	1976	T			1,545	3.6							1,641	3.8
		M												
		F												

Note: (a) per 100,000 males of 50 years and over
(b) per 100,000 females
(c) per 100,000 live births

Number of Deaths and Death Rates by Causes (B50) (8)

	Year	Sex	B42		B43		B44		B45		B46		B47	
			Congenital Anomalies		Birth Injury, Difficult Labour and Other Anoxic and Hypoxic Conditions		Other Causes of Perinatal Conditions		Symptoms and ill-defined Conditions		All Other Diseases		Motor Vehicle Accidents	
			Number	Rate	N	R	N	R	N	R	N	R	N	R
INDONESIA	1980	T	3.3		13.2		6.6		35.5		9.1			
JAPAN	1978	T	5,551	4.8	2,739	2.4 ^(c)	3,890	3.4 ^(c)	34,364	30.0	46,735	40.8	12,030	16.5
		M	3,010	5.3	1,673	3.0	2,213	3.9	13,598	24.1	22,755	40.4	9,118	16.2
		F	2,541	4.4	1,066	1.8	1,677	2.9	20,766	35.7	23,980	41.2	2,912	5.0
MALAYSIA	1977	T	706		1,320		1,577		2,675		1,798		363	
		M	407		798		905		1,418		1,126		290	
		F	299		522		675		1,257		672		73	
	1975	T	10 ⁽⁵⁾		1 ⁽⁶⁾		213 ⁽³⁾		316 ⁽³⁾		120 ⁽³⁾		70 ⁽⁵⁾	
		M												
	1978	F	28		42		196		22		124		26	
PHILIPPINES	1974	T	1,958	4.7	5,019	465.5 ^(c)	13,194	1,223.7 ^(c)	35,837	86.8	28,855	69.9	1,304	3.2
		M												
		F												
SINGAPORE	1978	T	185	7.9	84	213.0 ^(c)	155	393.0 ^(c)	573	24.5	1,006	43.1	299	12.8
		M												
		F												
THAILAND	1976	T											4,725	11.0
		M												
		F												

Note: (c) per 100,000 live births

Number of Deaths and Death Rates by Causes (B50) (9)

	Year	Sex	BE48		BE49		BE50		BN47	BN48	BN49	BN50
			All Other Accidents		Suicide and Self-Inflicted Injuries		All Other External Causes					
			Number	Rate	N	R	N	R				
INDONESIA	1980	T							15.7	2.5	1.6	6.6
JAPAN	1978	T M F	17,987 12,931 5,056	15.7 22.9 8.7	20,199 12,409 7,790	17.6 22.0 13.4	2,870 1,880 990	2.5 3.3 1.7				
MALAYSIA												
Peninsular Malaysia	1977	T M F	2,015 1,582 433		83 53 30		540 239 201					
Sabah	1975	T M F	13 ⁽³⁾		17 ⁽⁵⁾		70 ⁽³⁾					
Sarawak	1978	T M F	50		53		5					
PHILIPPINES	1974	T M F	3,118	7.6	459	1.1	6,442	15.6				
SINGAPORE	1978	T M F	256	11.0	266	11.4	236	10.1				
THAILAND	1976	T M F			2,001	4.7						

NUMBER OF CASES
BY INFECTIONS AND VENEREAL DISEASES

Number of Cases by Infections (1)

	Year	Sex	Cholera	Typhoid Fever and Paratyphoid Fever	Typhoid Fever	Paratyphoid Fever	Other Salmonella Infection	Amoebiasis and Bacillary Dysentery	Amoebiasis	Bacillary Dysentery	Food Poisoning (Bacterial)
INDONESIA	1979	T	28,738		22,953						2,412
JAPAN⁽¹⁾	1980	T	22	417	294	123	2,546	951	25	926	32,737
		M	20	237	158	79		590	24	566	
		F	2	180	136	44		361	1	360	
MALAYSIA											
Peninsular Malaysia	1977	T	1	2,132	2,064	68					456
	1978	T	1,536	1,512	1,474	38					598
Sabah⁽²⁾	1977	T	204	64	62	2	24	242	105	137	99
		M	111								
		F	93								
Sarawak	1978	T	1	396	368	28		123			
PHILIPPINES	1976	T	1,445	3,448				22,099			860
		M	749	1,989				12,264			428
		F	696	1,459				9,835			432
SINGAPORE	1978	T	83	174	154	20					875
	1979	T	10	208	147	61					
	1980 ⁽³⁾	T	18								
THAILAND	1978	T	3,923	8,706	8,613	93				16,672	8,213
	1979	T	1,498	10,129	10,078	51				30,550	12,741
	1980 ⁽⁴⁾	T	4,288						1,740	6,233	18,942
	1981 ⁽⁴⁾	T	39						2,315	9,555	21,729

Source: World Health Statistics Annual, 1980–1981, WHO

(1) Statistics of Communicable Disease and Food Poisoning, Japan 1980

(2) World Health Statistics Annual, 1979, WHO

(3) Epidemiological News Bulletin, 1978–1980, Singapore

(4) Weekly Epidemiological Surveillance Record, Thailand

Number of Cases by Infections (2)

	Year	Sex	Tuber- culosis of All Forms	Leprosy Incidence	Diphtheria	Chickenpox	Infectious Hepatitis	Rabies	Malaria: Incidence	Influenza (Grippe)
INDONESIA	1979	T		3,792	2,065	59,042	6,437	315	394,270	4,436,999
JAPAN⁽¹⁾	1980	T M F	73,230	37	66 37 29				55	66,744
MALAYSIA										
Peninsular Malaysia	1977 1978	T T	4,552 4,298	218 205	100 71	1,813 1,634	2,064 1,578	2	7,274 6,194	
Sabah ⁽²⁾	1977	T	2,233	10	8	705	207	—	45,313	32,265
Sarawak	1978	T		8	6		442		219	12
PHILIPPINES	1976	T M F	148,057 74,917 73,140	614 340 274	3,371 1,889 1,482	2,226 1,190 1,036	6,815 4,021 2,794	246 154 92	35,553 19,732 15,821	263,118 130,243 132,875
SINGAPORE	1978 1979 1980 ⁽³⁾	T T T	3,089 2,878 2,624	71 96 66	— — —	674 653 932	284 246		166 208 200	
THAILAND	1978 1979 1980 ⁽⁴⁾ 1981 ⁽⁴⁾	T T T T	 14,980 14,423	 447 591	 1,918 793	584 1,379 3,583 3,307	9,443 12,621 2,683	224 232 248 212	70,582 75,618 123,495 163,805	22,505 32,239 50,149 55,128

Source: World Health Statistics Annual, 1980—1981, WHO

(1) Statistics of Communicable Disease and Food Poisoning, Japan 1980

(2) World Health Statistics Annual, 1979, WHO

(3) Epidemiological News Bulletin, 1978—1980, Singapore

(4) Weekly Epidemiological Surveillance Record, Thailand

Number of Cases by Venereal Diseases

	Year	Sex	Syphilis & Sequelae: Incidence	Congenital Syphilis	Early Syphilis, Symptomatic	Early Syphilis, L	Cardio- vascular Syphilis	Syphilis of Central Nervous System	Late Syphilis, Latent	Other Forms Late Syphilis, with Sympt.	Other Syphilis & Not Specified	Gono- coccal Infections: Incidence	Other Venereal Disease
INDONESIA	1979	T			1,334 ^(a)							56,379	
JAPAN	1980 ⁽¹⁾	T	2,081	211	327	189			924	225	205	7,661	77
		M	1,183	82	215	121			537	115	113	6,677	72
		F	898	129	112	68			387	110	92	984	5
MALAYSIA													
Peninsular Malaysia	1977	T	366									792	12
	1978	T	461									780	13
Sabah ⁽²⁾	1977	T									15	609	
Sarawak	1978	T		5	2							51	
PHILIPPINES													
	1976	T	71									9,174	
		M	43									3,367	
		F	28									5,807	
SINGAPORE													
	1978	T	1,075	20	113	29	4	4	905			9,074	2,036
	1979	T	930	5	77	30	6	2	810			9,345	1,930
THAILAND ⁽²⁾	1977	T	11,345									133,972	136,342

Source: World Health Statistics Annual, 1980-1981, WHO

(1) Statistics of Communicable Disease and Food Poisoning, Japan, 1980

(2) World Health Statistics Annual, 1979, WHO

**SEASONAL DISTRIBUTION
OF CHOLERA, TYPHOID FEVER,
PARATYPHOID FEVER, BACILLARY DYSENTERY
AND FOOD POISONING**

Seasonal Distribution of Cholera (Cases)

	Year	Sex	Total	Months or Four-Week Periods												
				Jan. I	Feb. II	Mar. III	Apr. IV	May V	Jun. VI	VII	Jul. VIII	Aug. IX	Sept. X	Oct. XI	Nov. XII	Dec. XIII
INDONESIA	1979	T	28,738	1,628	2,401	2,273	3,937	4,223	3,166	2,688	2,122	2,398	1,206	754	1,256	676
JAPAN	1979	T	11	—	2	2	—	—	1	••	—	4	1	—	1	—
	1980 ⁽¹⁾	T	22	1	1	4	—	—	—	••	—	4	5	—	7	—
MALAYSIA																
Peninsular Malaysia	1977	T	1	—	—	—	—	—	—	••	—	—	1	—	—	—
	1978	T	1,536	—	1	144	277	372	187	••	146	171	173	49	8	8
Sabah ⁽²⁾	1977	T	204	27	31	84	21	16	—	••	—	—	9	5	6	5
Sarawak	1978	T	1	—	—	—	—	—	—	••	—	—	—	1	—	—
PHILIPPINES	1976	T	1,445	50	33	35	30	82	111	160	284	241	206	97	79	37
SINGAPORE	1978	T	83	1	4	9	5	2	12	••	5	1	32	6	—	6
	1979	T	10	1	1	1	—	—	2	••	1	—	1	1	2	—
	1980 ⁽³⁾	T	18	1	—	—	—	1	3	••	1	1	1	1	3	6
THAILAND	1978	T	3,923	714	659	668	664	537	245	••	131	52	54	83	68	48
	1979	T	1,498	68	121	268	412	174	105	••	59	45	34	19	62	131

Source: World Health Statistics Annual, 1980–1981, WHO

(1) Statistics of Communicable Disease and Food Poisoning, Japan, 1980

(2) World Health Statistics Annual, 1979, WHO

(3) Epidemiological News Bulletin, 1980, Singapore

Seasonal Distribution of Typhoid Fever (Cases)

	Year	Sex	Total	Months or Four-Week Periods												
				Jan. I	Feb. II	Mar. III	Apr. IV	May V	Jun. VI	VII	Jul. VIII	Aug. IX	Sept. X	Oct. XI	Nov. XII	Dec. XIII
INDONESIA	1979	T	22,953	1,695	1,773	1,871	1,655	2,068	1,872	••	2,115	1,997	2,077	2,278	1,923	1,551
JAPAN	1979	T	391	24	34	31	35	30	31	••	34	48	34	24	29	37
	1980 ⁽¹⁾	T	294	29	27	26	20	28	26	••	29	19	30	26	14	20
MALAYSIA																
Peninsular Malaysia	1977	T	2,064	88	106	128	94	242	280	••	268	279	183	186	128	82
	1978	T	1,474	118	105	154	119	160	165	••	114	136	125	113	84	84
Sabah ⁽²⁾	1977	T	62	3	10	11	7	2	4	••	7	3	—	6	7	2
Sarawak	1978	T	368	38	34	22	21	29	28	••	46	38	23	33	31	25
PHILIPPINES ^(a)	1976	T	3,448	282	288	230	269	274	264	288	235	214	248	309	291	256
SINGAPORE	1978	T	154	11	26	26	9	6	17	••	14	7	8	12	10	8
	1979	T	147	19	25	11	9	6	4	••	9	12	7	17	19	9
THAILAND	1978	T	8,613	656	602	584	559	625	879	••	906	897	818	809	749	529
	1979	T	10,078	643	769	852	740	825	963	••	1,201	1,015	814	874	731	651

Source: World Health Statistics Annual, 1980–1981, WHO

(1) Statistics of Communicable Disease and Food Poisoning, Japan, 1980

(2) World Health Statistics Annual, 1979, WHO

Note: (a) Number of Cases by Typhoid Fever and Paratyphoid Fever

Seasonal Distribution of Paratyphoid Fever (Cases)

	Year	Sex	Total	Months or Four-Week Periods												
				Jan. I	Feb. II	Mar. III	Apr. IV	May V	Jun. VI	VII	Jul. VIII	Aug. IX	Sept. X	Oct. XI	Nov. XII	Dec. XIII
INDONESIA		T														
JAPAN	1979 1980 ⁽¹⁾	T T	135 123	8 2	11 6	6 9	5 6	12 7	16 16	•• ••	25 16	19 30	12 17	4 5	14 2	3 7
MALAYSIA																
Peninsular Malaysia	1977 1978	T T	68 38	10 3	1 3	7 5	5 3	3 2	9 6	•• ••	8 5	2 2	6 5	6 —	4 2	7 2
Sabah ⁽²⁾	1977	T	2	—	2	—	—	—	—	••	—	—	—	—	—	—
Sarawak	1978	T	28	1	2	2	—	1	—	••	—	2	4	4	5	7
PHILIPPINES	1976	T ^(a)	3,448	282	288	230	269	274	264	288	235	214	248	309	291	256
SINGAPORE	1978 1979	T T	20 61	— 2	— 4	3 2	2 1	1 1	1 2	•• ••	4 6	3 5	— 16	— 11	3 7	3 4
THAILAND	1978 1979	T T	93 51	5 3	4 7	9 4	21 6	13 6	10 1	•• ••	16 6	1 3	2 —	5 3	4 5	3 7

Source: World Health Statistics Annual, 1980–1981, WHO

(1) Statistics of Communicable Disease and Food Poisoning, Japan, 1980

(2) World Health Statistics Annual, 1979, WHO

Note: (a) Number of Cases by Typhoid Fever and Paratyphoid Fever

Seasonal Distribution of Bacillary Dysentery (Cases)

	Year	Sex	Total	Months or Four-Week Periods												
				Jan. I	Feb. II	Mar. III	Apr. IV	May V	Jun. VI	VII	Jul. VIII	Aug. IX	Sept. X	Oct. XI	Nov. XII	Dec. XIII
INDONESIA		T														
JAPAN	1979	T	1,291	58	64	83	368	81	75	• •	167	98	48	60	107	82
	1980 ⁽¹⁾	T	926	82	124	71	93	115	49	• •	53	122	77	34	40	66
MALAYSIA																
Peninsular Malaysia ⁽²⁾	1976	T	111	6	11	11	11	12	21	• •	12	3	6	8	6	4
Sabah ⁽³⁾	1977	T	137	5	9	30	4	16	8	• •	15	9	14	6	8	13
Sarawak ^(a)	1978	T	123	9	9	9	6	8	7	• •	13	14	13	13	11	11
PHILIPPINES ^(a)	1976	T	22,099	1,732	1,706	1,519	1,549	1,608	1,757	2,139	1,990	1,744	1,789	1,554	1,516	1,496
SINGAPORE		T														
THAILAND	1978	T	16,672	1,029	1,061	1,237	1,148	1,425	2,143	• •	1,800	1,245	1,043	1,258	1,684	1,599
	1979	T	30,550	941	2,175	2,862	3,053	3,749	4,708	• •	3,644	2,078	1,654	1,693	1,746	1,257

Source: World Health Statistics Annual, 1980–1981, WHO

(1) Statistics of Communicable Disease and Food Poisoning, Japan, 1980

(2) World Health Statistics Annual, 1978, WHO

(3) World Health Statistics Annual, 1979, WHO

Note: (a) Number of Cases by Bacillary Dysentery and Amebiasis

Seasonal Distribution of Food Poisoning (Cases)

	Year	Sex	Total	Months or Four-Week Periods												
				Jan. I	Feb. II	Mar. III	Apr. IV	May V	Jun. VI	VII	Jul. VIII	Aug. IX	Sept. X	Oct. XI	Nov. XII	Dec. XIII
INDONESIA		T														
JAPAN	1979 1980 ⁽¹⁾	T T	30,161 32,737	1,197 889	1,286 627	1,509 329	858 855	1,927 3,151	1,587 2,602	•• ••	3,822 7,563	6,661 4,015	6,590 6,340	2,918 2,889	969 2,016	837 1,461
MALAYSIA																
Peninsular Malaysia	1977 1978	T T	456 598	42 53	20 91	31 40	18 76	82 38	30 20	•• ••	59 20	37 23	26 115	35 56	64 33	12 33
Sabah ⁽²⁾	1977	T	99	10	20	14	7	—	7	••	6	9	3	2	18	3
Sarawak ⁽²⁾	1977	T	37	2	1	1	1	8	—	••	1	5	8	9	1	—
PHILIPPINES	1976	T	860	48	46	29	60	53	58	53	351	45	20	11	24	62
SINGAPORE	1978 1979	T T	875 1,146	17 30	311 —	186 197	110 5	— 269	26 68	•• ••	4 —	56 196	103 152	59 150	— 37	3 42
THAILAND	1978 1979	T T	8,213 12,741	559 768	628 816	692 1,000	875 1,320	843 1,635	969 1,349	•• ••	703 1,034	507 958	526 949	640 950	552 1,098	719 882

Source: World Health Statistics Annual, 1980–1981, WHO

(1) Statistics of Communicable Disease and Food Poisoning, Japan, 1980

(2) World Health Statistics Annual, 1979, WHO

NOTIFIABLE INFECTIOUS DISEASES

Notifiable Infectious Diseases (1)

ICD Number		Indonesia	Japan	Malaysia	Singapore	Thailand
001	Cholera	v	v	v	v	v
002	Typhoid and Paratyphoid Fevers	v	v	v	v	v
003	Other Salmonella Infections		v	v(a)		
004	Shigellosis		v	v		
008	Intestinal Infections due to Other Organisms		v	v(a)		
010~018	Tuberculosis		v		v	v
020	Plague	v	v	v	v	v
022	Anthrax		v	v		v
030	Leprosy		v	v	v	v
032	Diphtheria	v	v	v	v	v
033	Whooping Cough		v	v		
034	Streptococcal Sore Throat and Scarlet Fever		v			
036	Meningococcal Infection	v	v	v		v
037	Tetanus	v	v	v(b)		v
045	Acute Poliomyelitis	v	v	v	v	v
052	Chickenpox			v	v	
055	Measles		v	v		
060	Yellow Fever	v	v	v	v	v
061	Dengue	v(c)		v	v	v
062	Mosquito-borne Viral Encephalitis		v	v	v	v
070	Viral Hepatitis			v	v	
071	Rabies	v	v	v		v
072	Mumps			v		
076	Trachoma		v	v		
081	Other Typhus		v	v		v
084	Malaria		v	v	v	v
087	Relapsing Fever	v	v	v		v

Notifiable Infectious Diseases (2)

ICD Number		Indonesia	Japan	Malaysia	Singapore	Thailand
090	Congenital Syphilis		v	v(d)	v	v
098	Gonococcal Infections		v	v	v	v
099	Other Venereal Disease		v	v	v	v
100	Leptospirosis		v	v		
102	Yaws			v		
120	Schistosomiasis [Bilharziasis]		v			v
125	Filarial Infection and Dracontiasis		v	v		v
487	Influenza		v			

Note: (a) Only Food Poisoning
 (b) Only Tetanus Neonatorum
 (c) Only Hem Fever
 (d) Syphilis and Its Sequelae

INFECTIOUS DISEASES
AS SPECIFIED IN IMMUNIZATION PROGRAM

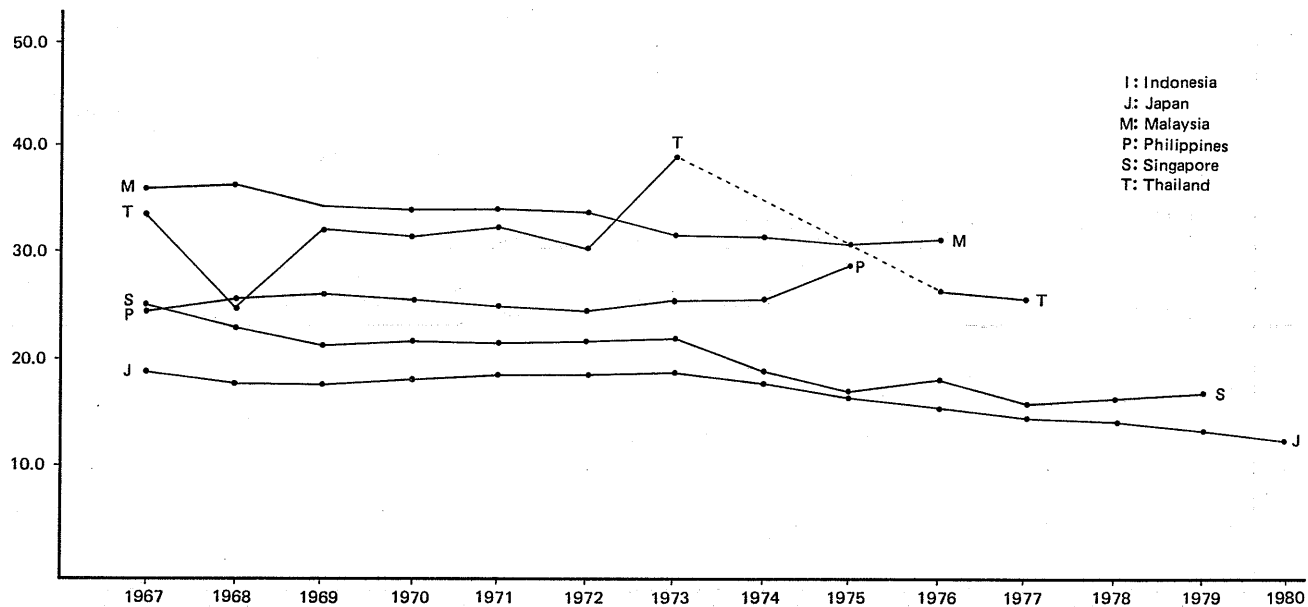
Infectious Diseases as Specified in Immunization Program

	Indonesia	Japan	Malaysia	Singapore	Thailand
Cholera					v
Diphtheria	v	v		v	v
Epidemic Typhus	(a)				
Measles	(b)	v			
Mosquito-borne Viral Encephalitis					
Plague					
Poliomyelitis	v	v			v
Rubella		v			
Tetanus	v				
Tuberculosis (BCG)	v	v			v
Typhoid and Paratyphoid Fever					v
Whooping Cough	v	v			v
Yellow Fever	(a)		(c)		

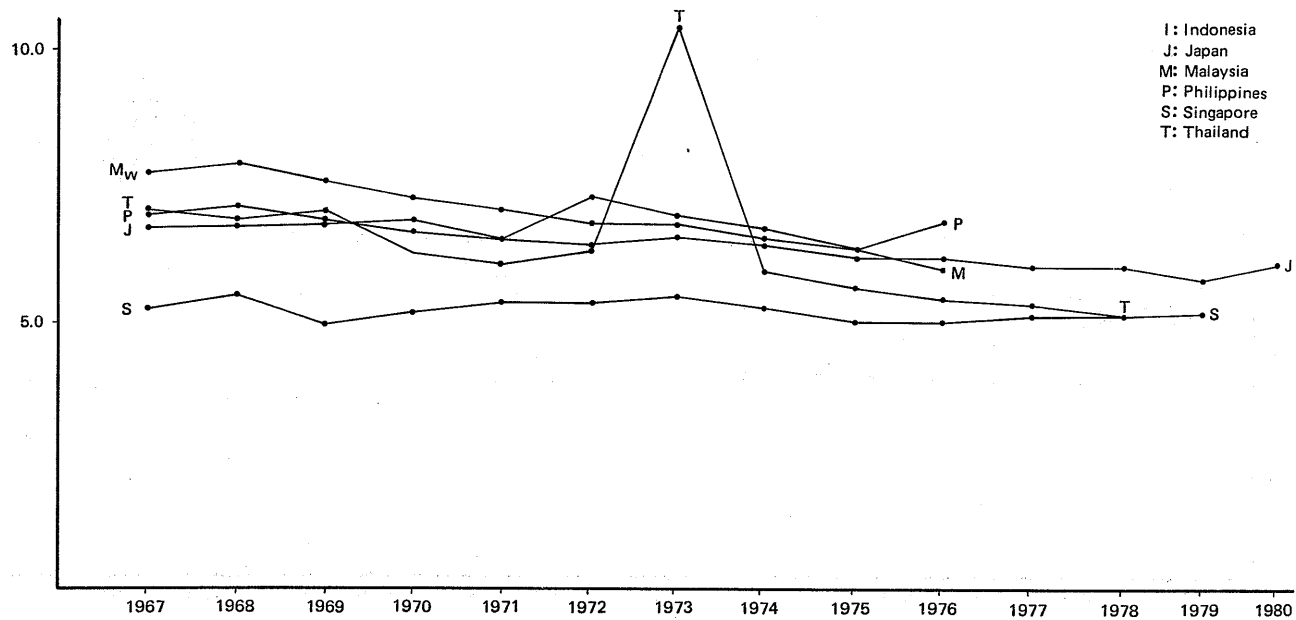
Note: (a) Only on the occasion of outbreaks.
 (b) Started from 1982 in the restricted area.
 (c) Immunization Required under I.M.R.

VITAL STATISTICS

Annual Change of Crude Birth Rate (per 1,000)



Annual Change of Crude Death Rate (per 10,000)



Crude Live-birth Rates

(Per 1,000)

Year	Annual Change											
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
INDONESIA						41.5*						
JAPAN	18.8	19.2	19.3	19.4	18.6	17.1	16.3	15.5	15.0	14.3 ⁽¹⁾	13.7 ⁽¹⁾	13.1 ⁽¹⁾
MALAYSIA												
Peninsular Malaysia	33.9	34.3	33.3	31.9	32.1	31.3	31.7	30.7	30.1 ⁽²⁾	30.5 ⁽²⁾		
Sabah	37.9	36.8	37.5	36.5	37.7	36.5	36.6	35.6				
Sarawak	30.8	29.8	30.4	30.7	29.2	29.2	28.9	29.0				
PHILIPPINES	26.2	25.5	24.9	26.3	26.3	41.0*	30.1 ⁽³⁾	30.3 ⁽³⁾	30.5 ⁽³⁾			
SINGAPORE	22.1	22.3	22.1	22.5	19.5	17.8	18.8	16.6	16.9	17.3 ⁽¹⁾	17.3 ⁽¹⁾	17.0 ⁽¹⁾
THAILAND	32.0	32.7	30.8	39.6*	39.6*	39.6*	27.1	26.3	24.4 ⁽³⁾	23.3 ⁽³⁾		

Source: Demographic Yearbook 1975, 1979, UN

Note: * Estimates for 1970-75 Prepared by the Population Division, UN

- (1) Monthly Bulletin of Statistics, July, 1982, Vol. XXXVI No. 7, UN
- (2) Monthly Statistical Bulletin, Peninsular Malaysia, Feb., 1982, Dept. of Statistics
- (3) Population and Vital Statistics Report, Series A 1980, 1981, 1982, UN

Crude Death Rates

(Per 1,000)

Year	Annual Change											
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
INDONESIA		16.9*	16.9*	16.9*	16.9*	16.7*						
JAPAN	6.9	6.6	6.5	6.6	6.5	6.3	6.3	6.1	6.1	6.0 ⁽¹⁾	6.2 ⁽¹⁾	6.2 ⁽¹⁾
MALAYSIA												
Peninsular Malaysia	7.3	7.1	6.9	6.9	6.6	6.4	6.1	6.3	5.9 ⁽²⁾	5.8 ⁽²⁾		
Sabah	5.9	5.5	5.0	5.0	4.3	4.3	4.7	4.3				
Sarawak	5.2	5.2	4.9	4.8	4.4	5.0	4.4	4.7				
PHILIPPINES	6.7	6.6	7.3	7.0	6.8	6.4	6.9	6.9 ⁽³⁾	7.0 ⁽³⁾			
SINGAPORE	5.2	5.4	5.4	5.5	5.3	5.1	5.1	5.2	5.2	5.3 ⁽¹⁾	5.2 ⁽¹⁾	5.3 ⁽¹⁾
THAILAND	6.3	6.1	6.4	10.5	6.0	5.7	5.5	5.4	5.2	5.2		

Source: Demographic Year book 1975, 1979, UN

Note: * Estimates for 1970-75 Prepared by the Population Division, UN

(1) Monthly Bulletin of STATISTICS, July, 1982, Vol. XXXVI No. 7, UN

(2) Monthly Statistical Bulletin, Peninsular Malaysia, Feb. 1982, Dept. of Statistics

(3) Population and Vital Statistics Report, 1980, 1981, 1982, UN

Vital Statistics Rates, Natural Increase Rates

(Per 1,000)

	Year	Crude Marriage Rates	Crude Divorce Rates	Birth		Death		Natural Increase Rates
				Crude	General Fertility Rates	Crude	Infant	
INDONESIA ⁽¹⁾	1970-75	10.6(a)		41.5*	175.7*	16.7*	125.0(a)	24.8*
JAPAN ^{(1),(2)}	1981	6.6	1.32	13.1	54.1(h)	6.2	7.1	6.9
MALAYSIA								
Peninsular Malaysia ⁽³⁾	1979	2.0(f)	0.02(f)	30.5	125.5(g)	5.8	27.0	24.7
Sabah ⁽¹⁾	1977			35.6	179.4(c)	4.3	28.2	31.3
Sarawak ⁽¹⁾	1977	3.5(d)	0.1(d)	29.0	150.3(c)	4.7	25.4	24.3
PHILIPPINES ^{(1),(2)}	1978	7.1(e)	0.14(e)	30.5	200.4*	7.0	53.1	23.5
SINGAPORE ^{(1),(2)}	1981	10.2		17.0	61.4(h)	5.3	10.8	11.7
THAILAND ^{(1),(2)}	1979	4.1(c)	0.2(b)	23.3	194.1*	5.2	14.2	18.1

Source: (1) Demographic Yearbook 1979, UN

(2) Population and Vital Statistics Report, April, 1982, UN

(3) Monthly Statistical Bulletin, Peninsular Malaysia, Feb. 1982, Dept. of Statistics

Note: (a) For 1962 (b) For 1965 (c) For 1970

(d) For 1972 (e) For 1975 (f) For 1976

(g) For 1977 (h) For 1979

* Estimates for 1970-75 prepared by the Population Division of the UN

Nativity, General Mortality and Natural Increase

	Year	Nativity (live-born)				General Mortality				Natural Increase (%)
		(Number)			(0/00) Total	(Number)			(0/00) Total	
		Total	Male	Female		Total	Male	Female		
INDONESIA										
JAPAN ⁽¹⁾	1980	1,576,889	811,418	765,471	13.6	722,801	390,644	332,157	6.2	7.3
	1981	1,529,492	786,623	742,869	13.0	720,142	388,522	331,620	6.1	6.9
MALAYSIA	1977	388,177			30.9	74,049			5.9	25.0
Peninsular Malaysia	1977	322,382	165,760	156,622	30.7	66,217	38,146	28,071	6.3	24.4
Sabah	1977	32,190	16,604	15,586	35.6	3,921	2,358	1,563	4.3	31.3
Sarawak	1977	33,634	17,685	15,949	29.0	5,590	3,271	2,319	4.8	24.2
PHILIPPINES	1976	1,314,860	648,791	630,069	30.1	299,861	170,278	129,583	6.9	23.2
SINGAPORE ⁽²⁾	1979	40,779	21,293	19,485	17.1	12,468	7,196	5,271	5.2	11.9
	1980	41,217	21,308	19,908	17.1	12,505	7,165	5,337	5.2	11.9
	1981	42,250	21,910	20,336	17.3	12,863	7,370	5,485	5.3	12.0
THAILAND	1979	1,075,283	549,951	525,332	23.3	241,111	140,213	100,898	5.2	18.1

Source: World Health Statistics Annual, 1981-Vital Statistics and Causes of Death, WHO

(1) Vital Statistics 1980, 1981, JAPAN, Ministry of Health and Welfare

(2) Monthly Digest of Statistics, June 1982, Department of Statistics, Singapore

INFANT AND MATERNAL MORTALITY

Late Fetal, Infant, Neonatal, Post-neonatal and Perinatal Mortality

	Year	Late Fetal Mortality		Infant Mortality		Neonatal Mortality		Post-neonatal Mortality		Perinatal Mortality	
		Number	%	Number	%	Number	%	Number	%	Number	%
INDONESIA	1964			260,296							
JAPAN ⁽¹⁾	1979	13,580	8.3	12,923	7.9	8,590	5.2	4,333	2.6	20,481	12.5
	1980	12,231	7.8	11,841	7.5	7,796	4.9	4,045	2.6	18,385	11.7
	1981	10,931	7.1	10,890	7.1	7,188	4.7	3,702	2.4	16,533	10.8
MALAYSIA											
Peninsular Malaysia	1977	5,467	17.0	10,256	31.8	6,117	19.0	4,139	12.8	10,057	31.2
	1978	5,224	16.2	8,631	26.7	5,647	17.5	2,984	9.2	9,492	29.4
Sabah	1977	150	4.7	909	28.2	505	15.7	404	12.6	519	16.1
Sarawak	1977	159	4.7	852	25.4	387	11.5	465	13.8		
	1978	128	3.9	575	17.5	315	9.6	260	8.1		
PHILIPPINES	1976	14,050	10.7	74,792	56.9					35,702	27.2
SINGAPORE	1979	272	6.7	540	13.2	398	9.7	142	3.5	611	15.0
THAILAND	1979	1,609 ^(a)	1.5 ^(a)	15,224	14.2	5,834	5.4	9,390	8.7	5,738 ^(a)	5.2 ^(a)

Source: World Health Statistics Annual, 1981, WHO

(1) Vital Statistics 1980, 1981, JAPAN, Ministry of Health and Welfare

Note: (a) for 1978.

Absolute numbers and crude rates per 1,000 live-born.

Late fetal deaths: Fetal deaths after at least 28 weeks' gestation. Fetal deaths of unknown gestational age are included.

Infant deaths: Deaths under one year.

Neonatal deaths: Deaths under four weeks.

Post-neonatal deaths: Deaths from four weeks to under one year.

Perinatal deaths: Late fetal deaths and deaths under one week.

Infant Deaths and Infant Mortality Rates by Age and Sex

	Year	Sex	Number						Rates					
			-365 day	-1	1-6	7-27	28-365	Unknown	-365 day	-1	1-6	7-27	28-365	Unknown
INDONESIA		T M F												
JAPAN ⁽¹⁾	1980	T	11,841	2,808	3,346	1,642	4,045	—	7.5	1.8	2.1	1.0	2.6	
		M	6,754	1,637	1,972	913	2,232	—	8.0	2.0	1.3	1.1	2.8	
		F	5,087	1,171	1,374	729	1,813	—	6.6	1.5	1.8	1.0	2.4	
MALAYSIA														
Peninsular Malaysia ⁽²⁾	1977	T	10,256	4,590		1,527	4,139	—	31.8	14.2		4.7	12.8	—
		M	5,911	2,728		841		—	35.7	16.5		5.1	14.1	—
		F	4,345	1,862		686		—	27.7	11.9		4.4	11.5	—
Sabah	1977	T	909	369		136	404	—						
		M	530	225		74	231	—						
		F	379	144		62	173	—						
Sarawak	1978	T	575	426			149	—						
		M	318	235			83	—						
		F	257	191			66	—						
PHILIPPINES	1974	T	63,491	9,256	12,392	10,174	31,669	—	58.9	8.6	11.5	9.4	29.4	—
		M	36,607	5,228	7,403	5,905	18,071	—	65.1	9.3	13.2	10.5	32.1	—
		F	26,884	4,028	4,989	4,269	13,598	—	52.1	7.8	9.7	8.3	26.4	—
SINGAPORE ^{(3),(4)}	1978	T	498 ⁽⁵⁾	184	140	57	117	—						
		M	304	121	86	36	61	—						
		F	193	62	54	21	56	—						
THAILAND ⁽³⁾	1977	T	29,716	592	3,613	4,660	20,094	757	25.7	0.5	3.1	4.0	17.4	0.7
		M	18,074	357	2,381	2,849	12,058	429						
		F	11,642	235	1,232	1,811	8,036	328						

Source: Demographic Yearbook 1979, UN

(1) Vital Statistics Japan 1980, Ministry of Health and Welfare, Japan

(2) Provisional, Excluding live-born infants dying before registration of birth

(3) Data tabulated by date of registration rather than occurrence

(4) Excluding non-locally domiciled military and civilian services personnel and their dependents

(5) Including infant deaths of unknown sex

Maternal Deaths and Maternal Mortality Rates (1)

	Year	Number											
		1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
INDONESIA													
JAPAN ^{(2),(3)}	1,061	967	867	803	776	680	525	458	395	367			
MALAYSIA ⁽⁴⁾													
Peninsular Malaysia ⁽¹⁾	469	441	383	330	318	300	261	252	254	272	231		
Sabah	26	22	10 ⁽⁶⁾	16	17				5				
Sarawak ⁽²⁾										9			
PHILIPPINES ⁽⁵⁾	2,047	1,950	1,261	1,379	1,488	1,690	1,753		1,909				
SINGAPORE ^{(2),}	12	9	7	10	5	5	7	5	5	7			
THAILAND													

Source: Demographic Yearbook 1979, UN

(1) Monthly Statistical Bulletin Peninsular Malaysia, Feb. 1982, Dept. of Statistics

(2) All data classified by 1965 Revision

(3) Prior to 1973, excluding Okinawa. For Japanese nationals in Japan only.

(4) Medically certified or inspected deaths only

(5) 1979 PHILIPPINE STATISTICAL YEARBOOK, National Economic and Development Authority

Maternal Deaths and Maternal Mortality Rates (2)

Year	Rates (per 100,000 live births)											
	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
INDONESIA												
JAPAN ^{(2),(3)}	56.1	50.0	43.3	39.4	37.1	33.5	27.6	25.0	22.5	21.5		
MALAYSIA ⁽⁴⁾												
Peninsular Malaysia ^{(1),(6)}	157	148	124	107	105	96	83	78	79	84	69	
Sabah												
Sarawak ⁽²⁾												
PHILIPPINES ^{(5),(6)}	220	200	130	140	140	170	140					
SINGAPORE ^{(2),(7)}	26.9	19.6	14.9	20.1	10.4	11.6	17.5	16.7	13.0	17.7		
THAILAND												

Source: Same as previous page

(6) Rates are multiplied by 100, because original data are shown in the rate per 1,000 live births.

(7) Rates based on 30 or fewer maternal deaths.

EXPECTATION OF LIFE

Expectation of Life at Specified Ages for Each Sex (1)

	Year	Sex	Age (in years)										
			0	1	2	3	4	5	10	15	20	25	30
INDONESIA ⁽¹⁾	1975-1980	M	48.7										
		F	51.3										
JAPAN ⁽²⁾	1980	M	73.32	72.93	72.01	71.07	70.11	69.14	64.26	59.33	54.53	49.76	44.97
		F	78.72	78.35	77.43	76.47	75.50	74.41	69.49	64.53	59.62	54.72	49.85
	1981	M	73.79	73.36	72.45	71.49	70.53	69.56	64.67	59.74	54.95	50.17	45.37
		F	79.13	78.63	77.71	76.75	75.78	74.80	69.87	64.91	60.00	55.10	50.22
	1976	M	66.2	67.5				64.2	59.5	54.7	50.0	45.4	40.8
		F	71.4	72.3				69.0	64.3	59.5	54.7	50.0	45.2
MALAYSIA ⁽³⁾ Peninsular Malaysia	1970	M	48.79	53.03				51.39	47.11	42.54	37.86	33.60	29.38
		F	45.43	49.38				48.20	43.97	39.39	35.14	31.14	27.57
	1970	M	51.15	55.71				53.98	49.58	44.96	40.31	35.98	31.79
		F	52.69	56.32				54.66	50.29	45.64	41.24	37.00	33.28
	1975-1980	M	59.1										
		F	62.4										
SINGAPORE ⁽³⁾	1970	M	65.1	65.6				62.0	57.1	52.3	47.5	42.8	38.2
		F	70.0	70.3				66.6	61.8	56.9	52.0	47.2	42.4
THAILAND ⁽⁴⁾	1974-1975	M	57.63										
		F	63.56										

- Source: (1) World Population Trends and Prospects by Country, 1950-2000: Summary report of the 1978 assessment, UN, New York 1979
(2) Abridged Life table 1980, 1981, Health and Welfare Statistics and Information Department, Ministry of Health and Welfare, Japan
(3) Demographic Yearbook 1979, UN
(4) Thailand Health Profile, 1980, Thailand

Expectation of Life at Specified Ages for Each Sex (2)

	Year	Sex	Age (in years)										
			35	40	45	50	55	60	65	70	75	80	85
INDONESIA	1975-1980	M F											
JAPAN	1980	M	40.19	35.49	30.91	26.54	22.33	18.28	14.52	11.15	8.33	6.11	4.46
		F	45.00	40.19	35.44	30.79	26.26	21.84	17.63	13.68	10.20	7.30	5.09
	1981	M	40.59	35.88	31.28	26.89	22.68	18.64	14.85	11.44	8.55	6.24	4.53
		F	45.36	40.55	35.80	31.14	26.59	22.16	17.93	13.95	10.41	7.45	5.16
MALAYSIA													
Peninsular Malaysia	1976	M F	36.2 40.6	31.7 36.1	27.4 31.6	23.4 27.3	19.7 23.4	16.4 19.8	13.7 16.6	11.7 14.2	10.2 12.2		
Sabah	1970	M F	25.05 24.13	20.96 20.72	17.19 17.57	13.95 14.35	11.18 11.65	8.30 8.35	6.81 6.95	4.22 4.27			
Sarawak	1970	M F	27.49 29.75	23.50 26.33	19.91 22.86	16.85 19.36	13.91 16.00	11.07 12.75	9.05 11.37	6.68 7.82	5.34 5.91		
PHILIPPINES	1975-1980	M F											
SINGAPORE	1970	M F	33.4 37.6	28.8 32.9		20.2 23.9	16.4 19.6	12.9 15.6	9.8 11.8	7.1 8.2	4.5 4.7		
THAILAND	1974-1975	M F											

Number of Surviving out of 100,000 Born Alive at Selected Ages, by Sex (1)

	Year	Sex	Age (in years)									
			0	1	5	10	15	20	25	30	35	40
INDONESIA		M F										
JAPAN⁽¹⁾	1980	M	100,000	99,174	98,883	98,714	98,602	98,251	97,822	97,388	96,880	96,113
		F	100,000	99,342	99,122	99,018	98,950	98,815	98,632	98,396	98,094	97,652
	1981	M	100,000	99,221	98,949	98,788	98,672	98,314	97,904	97,493	96,999	96,267
		F	100,000	99,364	99,150	99,054	98,987	98,854	98,679	98,454	98,155	97,728
MALAYSIA⁽²⁾												
Peninsular Malaysia	1970	M	100,000	95,361	93,715	93,025	92,560	91,918	91,121	90,239	89,028	87,516
		F	100,000	96,453	94,769	94,121	93,727	93,204	92,508	91,586	90,497	89,161
Sabah	1970	M	100,000	90,259	86,315	85,050	84,245	83,570	81,851	79,860	77,899	74,841
		F	100,000	90,136	85,119	83,706	82,868	81,196	78,790	75,019	70,626	65,771
Sarawak	1970	M	100,000	90,155	86,537	85,531	84,843	84,163	82,682	80,732	78,834	75,757
		F	100,000	91,880	88,133	87,070	86,432	85,254	83,601	80,599	76,920	72,684
PHILIPPINES		M F										
SINGAPORE		M F										
THAILAND		M F										

Source: (1) Abridged Life Table 1980, 1981, Health and Welfare Statistics and Information Department, Ministry of Health and Welfare, Japan
(2) Abridged Life Tables Malaysia 1970, Department of Statistics, Malaysia, March 1974

Number of Surviving out of 100,000 Born Alive at Selected Ages by Sex (2)

	Year	Sex	Age (in years)								
			45	50	55	60	65	70	75	80	85
INDONESIA		M F									
JAPAN	1980	M	94,892	92,831	89,885	85,772	79,492	69,864	55,794	37,791	19,159
		F	96,994	95,965	94,411	92,135	88,537	82,708	72,794	57,008	35,596
	1981	M	95,108	93,132	90,196	86,072	79,986	70,790	57,090	39,370	21,091
		F	97,094	96,103	94,595	92,398	88,911	83,298	73,753	58,333	37,499
MALAYSIA											
Peninsular ¹ Malaysia	1970	M	85,253	81,846	76,257	68,775	57,795	44,867	30,803		
		F	87,254	84,619	80,561	75,000	66,316	55,804	43,160		
Sabah	1970	M	70,143	62,559	52,331	41,927	26,161	16,871			
		F	59,689	53,327	44,674	37,542	23,253	15,365			
Sarawak	1970	M	70,944	63,790	55,747	46,819	34,745	24,787	13,253		
		F	68,318	63,617	57,928	51,247	40,738	31,053	19,610		
PHILIPPINES		M F									
SINGAPORE		M F									
THAILAND		M F									

NUTRITIONAL STATUS

Per Capita Food Supplies (1)

	Year	Calories (Number per day)			Protein (Grams per day)			Fat (Grams per day)		
		Grand Total	Vegetable products	Animal products	Grand Total	Vegetable products	Animal products	Grand Total	Vegetable products	Animal products
INDONESIA	1970	1,972	1,927	46	41.2	36.1	5.0	27.3	24.8	2.5
	1977	2,118	2,066	52	43.2	37.9	5.3	32.8	29.8	3.0
JAPAN	1970	2,741	2,279	462	82.1	45.6	36.6	60.9	30.8	30.1
	1977	2,946	2,399	547	88.0	45.6	42.4	74.1	37.7	36.3
MALAYSIA	1970	2,532	2,276	256	51.1	35.3	15.9	40.5	25.2	15.4
	1977	2,613	2,319	294	57.6	35.7	21.9	45.5	29.2	16.3
PHILIPPINES	1970	1,964	1,746	217	47.1	29.3	17.8	27.9	13.5	14.4
	1977	2,216	2,000	216	51.1	32.1	18.9	32.2	18.5	13.7
SINGAPORE	1970	2,905	2,385	520	77.0	41.5	35.4	59.0	24.2	34.7
	1977	3,074	2,446	629	84.2	45.1	39.1	76.8	32.8	43.9
THAILAND	1970	2,278	2,109	168	49.6	36.0	13.6	27.0	15.7	11.3
	1977	2,098	1,952	146	46.3	32.2	14.1	22.5	13.8	8.7

Source: Food Balance Sheets 1975-77 Average and Per Capita Food Supplies 1961-65 Average 1967 to 1977, FAO, Rome 1980

Per Capita Food Supplies (2) (Miligrams per day)

	Year	Calcium	Iron	Vitamin A	Vitamin B ₁	Vitamin B ₂	Vitamin C
INDONESIA	1970	229	13.9	29	1.05	0.50	71
	1977	221	13.6	30	1.06	0.48	56
JAPAN	1970	631	22.1	328	1.70	1.26	114
	1977	664	22.6	340	1.78	1.35	118
MALAYSIA	1970	311	13.6	130	0.85	0.70	48
	1977	330	13.5	135	0.87	0.79	44
PHILIPPINES	1970	234	11.1	78	0.85	0.63	52
	1977	269	12.9	80	0.94	0.72	72
SINGAPORE	1970	597	16.8	226	1.22	1.18	73
	1977	656	21.8	269	1.59	1.38	76
THAILAND	1970	246	14.3	83	0.91	0.64	53
	1977	243	13.9	73	0.87	0.64	60

HOUSING CONDITIONS

Housing Conditions

	Year		Percentage of households in occupied dwelling units with piped water	Percentage of households in occupied dwelling units by type of toilet facilities			
				Flush/Water	Pit or Moulded Bucket	Other	None
INDONESIA ⁽¹⁾	1971	Total	6.3	11.0	25.3	53.1	—
		Urban	31.0	43.0	17.9	25.4	—
		Rural	1.7	5.1	26.6	58.2	—
JAPAN ⁽²⁾	1978	Total	92.7	45.9	53.8	—	—
		Urban	95.0	54.2	45.6	—	—
		Rural	84.5	15.7	84.3	—	—
MALAYSIA Peninsular Malaysia ⁽³⁾	1970	Total	47.5	18.6	51.3	10.1	20.1
		Urban	74.9	33.6	54.6	4.6	7.2
		Rural	32.3	10.3	49.4	13.1	27.2
PHILIPPINES ⁽⁴⁾	1970	Total	24.0	22.6	38.8	1.9	36.7
		Urban	54.3	48.4	31.1	3.4	17.2
		Rural	10.7	11.2	42.2	1.2	45.3
SINGAPORE ⁽⁵⁾	1966	Total	91.4	88.7			
THAILAND ⁽⁶⁾	1970	Total	29.5	2.4	45.0	50.8	—
		Urban	74.0	5.6	84.0	9.3	—
		Rural	3.4	0.5	22.2	75.0	—

- Source: (1) 1971 Population Census — Housing Condition in Indonesia, Biro Pusat Statistik, Aug. 1975, Indonesia
 (2) Housing of Japan, Summary of the Results of 1978 Housing Survey of Japan, Statistics Bureau, March 1981, Tokyo
 (3) West Malaysia Census of Housing, 1970 Final Reports, May 1973, Malaysia
 (4) 1980 Statistical Yearbook, National Economic & Development Authority, Philippines
 (5) World Housing Survey 1974, UN, 1976, New York
 (6) 1970 Population & Housing Census, Whole Kingdom, National Statistical Office, 1973

**MEAN HEIGHT (LENGTH), WEIGHT
AND CHEST CIRCUMFERENCE**

Mean Length from Birth to One Year

(cm)

Country	People or Place	Year	Sex	Age					
				Birth	4 wks	3 mos	6 mos	9 mos	12 mos
Indonesia	Jakarta (poor)	1964	M		52	59	64	67	71
			F		52	57	63	67	70
Japan ⁽¹⁾	National	1980	M	49.7	56.0	62.7	68.1	72.0	75.5
			F	49.3	55.2	61.1	66.8	70.6	74.1
Malaysia			M						
			F						
Philippines	Manila (low economic group)	1967	M		53	60	66	70	72
			F		52.5	59	65	69	73
Singapore	Malays		M			60.2	65.3	70.1	73.6
			F			59.5	64.0	68.1	71.5
	Chinese		M			61.8	66.5	71.0	74.5
			F			60.0	65.0	69.5	73.0
Thailand	Bangkok		M		56.1	62.0	67.8	71.9	73.5
			F		55.0	60.3	65.9	69.6	72.2

Source: Worldwide variation in human growth, Cambridge University Press, 1976

(1) Data from Ministry of Health & Welfare, Japan

Mean Chest Circumference from Birth to One Year

(cm)

Country	People or place	Year	Sex	Age					
				Birth	4 wks	3 mos	6 mos	9 mos	12 mos
Indonesia	Jakarta (poor)	1964	M	31.5	34.5	38	40.5	42	43.5
			F	32.5	34.5	37	40	41.5	43
Japan	National	1980	M	32.5	39.1	42.4	44.6	46.1	47.0
			F	32.4	38.2	41.2	43.6	44.9	45.7
Malaysia			M						
			F						
Philippines			M						
			F						
Singapore			M						
			F						
			M						
			F						
Thailand	Bangkok		M	32.0	37.9	41.0	43.4	44.7	45.8
			F	31.9	37.5	40.1	42.7	43.5	44.1

Source: Worldwide variation in human growth, Cambridge University Press, 1976

Mean Weight from Birth to One Year

(kg)

Country	People or Place	Year	Sex	Age					
				Birth	4 wks	3 mos	6 mos	9 mos	12 mos
Indonesia	Jakarta (poor)	1964	M	3.09	4.16	5.89	7.26	7.74	8.16
			F	3.01	3.79	5.43	6.80	7.50	8.01
Japan	National	1980	M	3.23	5.08	6.84	8.15	9.04	9.71
			F	3.16	4.76	6.24	7.71	8.47	9.09
Malaysia			M						
			F						
Philippines	Manila (low economic group)	1967	M	3.07	4.04	5.80	7.16	8.25	9.53
			F	2.94	3.70	5.20	6.74	7.84	9.28
Singapore	Malays	1972	M			6.0	7.2	8.1	8.8
			F			5.5	6.3	7.4	8.0
	Chinese	1972	M			6.5	8.1	8.9	9.2
			F			6.5	8.0	8.8	8.9
Thailand	Bangkok Bangkok		M	3.12	4.65	6.34	7.74	8.62	9.1
			F	3.01	4.46	5.61	7.33	7.97	8.50

Source: Worldwide variation in human growth, Cambridge University Press, 1976

Mean Height by Age (1 - 18) (1)

(cm)

Country	People of Place	Year	Sex	Age (yr)								
				1	2	3	4	5	6	7	8	9
Indonesia ⁽¹⁾	National	1977	M		82.2	88.5	97.2	102.4	107.1	112.1	118.0	122.6
			F		80.8	88.3	96.2	100.6	106.2	111.5	116.1	121.2
Japan	National	1980	M	75.5	87.2	94.8	101.5	107.6	115.9 ⁽²⁾	121.4 ⁽²⁾	126.8 ⁽²⁾	132.1 ⁽²⁾
			F	74.1	86.3	93.9	100.9	107.1	115.1 ⁽²⁾	120.8 ⁽²⁾	126.1 ⁽²⁾	131.9 ⁽²⁾
Malaysia	Rural	1960	M								109.7	111.8
			F						105.4	109.7	112.8	117.9
Philippines	Rural		M	70.8	78.5	86.0	92.7	99.0	104.8	110.6	116.3	120.7
			F	69.2	77.4	86.0	91.8	98.5	104.5	110.6	116.5	120.7
Singapore	Malays	1972	M	73.6	82.5	89.5	95.0	101.2	107.2	112.0	117.5	122.5
			F	71.5	81.5	88.7	94.7	100.3	106.7	111.5	116.0	121.5
	Chinese	1972	M	74.6	85.9	92.5	98.5	104.5	111.0	115.9	120.0	125.0
			F	73.0	84.5	91.5	97.7	104.0	110.2	114.6	119.2	124.0
Thailand	Bangkok		M	73.5	83.8	93.5	100.5	105.0	112.8			
			F	72.2	84.0	93.0	99.0	103.5	111.9			

Source: Worldwide variation in human growth, Cambridge University Press, 1976

(1) Data from Dept. of Growth & Development, Univ. of Tsukuba, Japan.

(2) Statistical Report of School Health in Japan, 1981.

Mean Height by Age (1 - 18) (2)

(cm)

Country	People or Place	Year	Sex	Age (yr)								
				10	11	12	13	14	15	16	17	18
Indonesia ⁽¹⁾	National	1977	M	125.2	129.6	133.2	142.7	147.7	153.2	157.8	159.4	161.2
			F	125.5	130.8	136.4	143.7	146.1	149.1	150.7	152.4	151.2
Japan ⁽²⁾	National	1980	M	137.2	142.8	149.8	157.3	163.2	167.3	169.0	169.7	
			F	138.2	145.0	150.5	154.2	156.0	156.6	156.9	157.1	
Malaysia	Rural	1960	M	114.3	121.9	129.3	133.4	138.4	141.4			
			F	123.4	131.8	137.2						
Philippines	Rural		M	125.0	129.3	134.0	139.3	147.5	154.0	158.8		
			F	124.5	130.5	137.4	142.5	147.0	150.6	151.2	151.0	
Singapore	Malays	1972	M	126.7	131.0	135.2	140.5	145.3				
			F	126.2	133.0	139.3	143.2	149.0				
	Chinese	1972	M	129.5	133.0	138.2	144.0	149.5				
			F	129.5	135.0	141.0	145.0	149.0				
Thailand	Bangkok		M									
			F									

Mean Weight by Age (1 - 18) (1)

(kg)

Country	People or Place	Year	Sex	Age (yr)								
				1	2	3	4	5	6	7	8	9
Indonesia ⁽¹⁾	National	1977	M		10.4	12.1	13.8	15.5	15.7	18.2	19.9	21.3
			F		10.1	11.6	13.2	14.5	15.7	17.0	19.2	21.6
Japan	National	1980	M	9.7	12.2	14.3	16.1	17.9	20.9 ⁽²⁾	23.2 ⁽²⁾	25.9 ⁽²⁾	29.0 ⁽²⁾
			F	9.1	11.9	13.9	15.8	17.6	20.4 ⁽²⁾	22.8 ⁽²⁾	25.4 ⁽²⁾	28.5 ⁽²⁾
Malaysia	Rural	1960	M							17.8	19.5	20.7
			F						16.4	18.6	18.7	21.8
Philippines	Rural		M	8.0	9.5	11.3	12.6	14.3	15.5	17.2	19.1	21.0
			F	7.5	9.0	10.8	12.3	14.0	15.5	16.7	18.5	20.0
Singapore	Malays	1972	M	8.8	10.5	12.3	13.9	15.2	16.7	18.0	20.0	22.0
			F	8.0	10.0	12.0	13.5	14.5	16.3	17.9	19.5	21.5
	Chinese		M	9.2	11.4	13.3	14.5	16.0	18.0	19.0	21.0	23.0
			F	8.9	10.8	12.7	14.0	15.5	17.0	18.5	20.0	22.5
Thailand	Bangkok		M	9.1	11.0	13.4	15.1	16.3				
			F	8.5	10.9	13.0	14.5	15.7				

Source: Worldwide variation in human growth, Cambridge University Press, 1976

(1) Data from Dept. of Growth & Development, Univ. of Tsukuba, Japan

(2) Statistical Report of School Health in Japan, 1981

Mean Weight by Age (1-18) (2)

(kg)

Country	People or Place	Year	Sex	Age (yr)								
				10	11	12	13	14	15	16	17	18
Indonesia ⁽¹⁾	National	1977	M	23.3	25.7	27.3	31.8	37.1	40.9	44.7	46.9	48.7
			F	23.4	26.3	30.3	33.4	37.6	40.4	43.2	44.6	45.9
Japan ⁽²⁾	National	1980	M	32.3	35.9	41.2	46.8	52.1	57.1	59.2	60.6	
			F	32.4	38.3	42.4	46.6	49.6	51.7	52.2	52.3	
Malaysia	Rural	1960	M	24.2	27.0	29.5	32.5	35.3				
			F	24.0	28.5	30.0						
Philippines	Rural		M	22.6	24.6	27.0	33.0	36.0	41.5	46.0		
			F	22.5	25.0	29.0	30.5	37.2	41.0	44.5	46.2	
Singapore	Malays	1972	M	24.0	26.5	29.0	32.0	35.0				
			F	24.0	27.8	31.5	35.0	38.5				
	Chinese	1972	M	25.0	26.8	30.0	33.8	36.8				
			F	25.0	28.5	32.3	35.0	37.5				
Thailand	Bangkok		M									
			F									

MEDICAL FACILITIES

Definition of the Main Terms Used in the Hospital Statistics (WHO)

Occupation and level of education	Personnel to be included in the data
1. Hospitals	All establishments permanently staffed by at least one physician that can offer inpatient accommodation and provide active medical and nursing care. Establishments providing principally custodial care should not be included.
2. General hospitals (principal)	Hospitals—other than local or rural hospitals—providing medical and nursing care for more than one category of medical discipline (e.g., general medicine, specialized medicine, general surgery, specialized surgery, obstetrics, etc.)
3. Local or rural hospitals	Hospitals, usually in rural areas, permanently staffed by one or more physicians, which—in respect of their functions—are also general hospitals, but provide medical and nursing care of a more limited range than that provided by principal general hospitals.
4. Medical and maternity centres with beds	Small units, also known as rural health centres, bedded dispensaries, rural maternity homes, etc., not permanently staffed by a physician (but by a medical assistant, nurse, midwife, etc.), which offer inpatient accommodation and provide a limited range of medical and nursing care.
5. Specialized hospitals	Hospitals providing medical and nursing care primarily for only one discipline. This category does not include the specialized departments administratively attached to a principal general hospital and sometimes located in an annex or separate building; their beds (and the related data) are included with the principal general hospital.
6. Government hospitals	All hospitals administered by a government authority at any level, whether central, intermediate, or local.

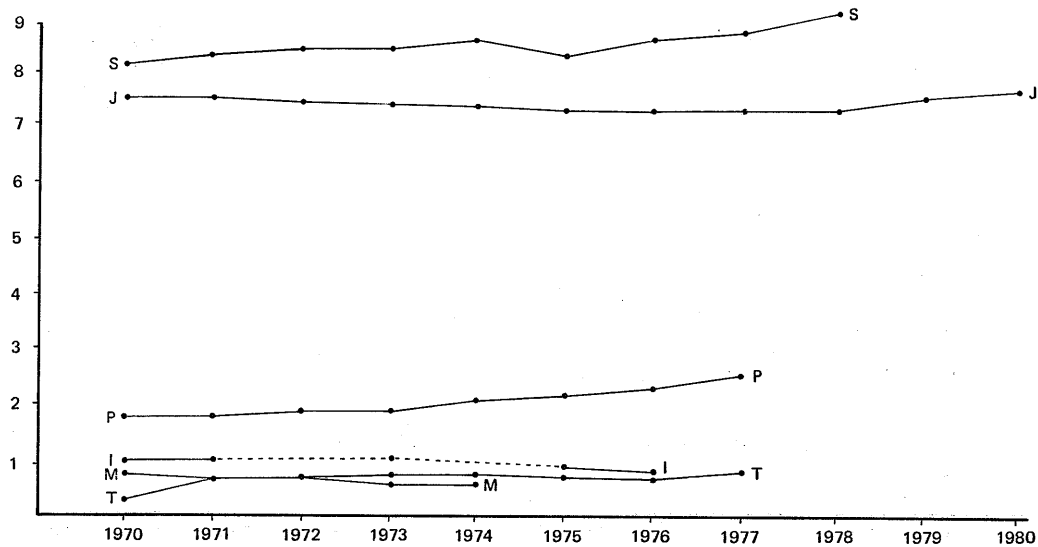
Occupation and level of education	Personnel to be included in the data
7. Private non-profit-making hospitals	All hospitals, whether subsidized by the government or not, operated on a non-profit-making basis by non-government bodies, such as religious missions, industrial enterprises, trusts, or philanthropic institutions.
8. Private profit-making hospitals	All private hospitals (or medical establishments with beds) operated on a profit-making basis.
9. Beds	A hospital bed is one regularly maintained and staffed for the accommodation and fulltime care of a succession of inpatients and is situated in wards or a part of the hospital where continuous medical care for inpatients is provided. The total of such beds constitutes the normally available bed complement of the hospital. Cribbs and bassinets maintained for use by healthy newborn infants who do not require special care should not be included.
10. Admissions	An inpatient admission is the formal admission by a hospital of an inpatient and always involves the allocation of a hospital bed. Healthy babies born in the hospital should not be counted if they do not require special care.
11. Discharges (including deaths)	The number of persons, living or dead, whose stay has terminated and whose departure has been officially recorded.
12. Patient days	Total of daily censuses of inpatients in the hospitals during the year. Not included in the daily censuses are healthy babies born in the hospitals if they do not require special care. The day of admission and the day of discharge should be counted together as one day.

Comparative Table of Medical Facilities

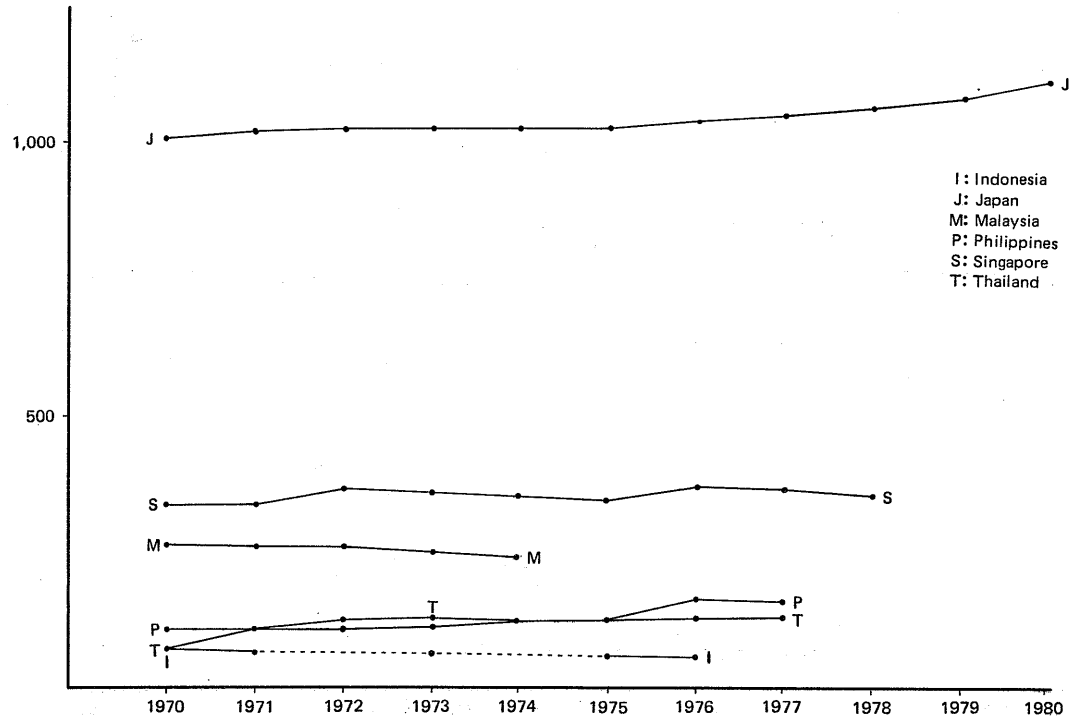
	Indonesia	Japan	Malaysia			Philippines	Singapore	Thailand
			Peninsular Malaysia	Sabah	Sarawak			
General Hosp.	v	v	v	v	v	v	v	v
General & Rural Hosp.	v							
Local or Rural Hosp.	v		v	v	v		v	v
Medical Center	v	v			v			v
Internal Medicine Hosp.						v		
Medical & Maternity Center								v
Maternity Hosp.	v					v	v	v
Infectious Diseases Hosp.	v	v				v	v	v
Chronic Diseases Hosp.							v	
Leprosy Hosp.	v	v	v		v		v	v
Tuberculosis Hosp.	v	v	v	v		v		v
Pediatrics Hosp.						v	v	v
Oto-Rhino-Laryngology Hosp.						v		
Dermato-Veneologie Hosp.							v	v
Ophthalmology Hosp.	v							v
Orthopedics Hosp.	v					v	v	
Mental Hosp.	v	v	v	v	v	v	v	v
Cancer Hosp.	v							v
Establ. for Drug Addicts								v
Other Specialized Hosp.								v
Rural Hosp. & Nursing Homes			v					
Tropical Diseases Hosp.								v
Others							v	

Annual Change of Number of Hospitals (per 100,000)

I: Indonesia
J: Japan
M: Malaysia
P: Philippines
S: Singapore
T: Thailand



Annual Change of Number of Beds (per 100,000)



Hospital and Other Medical Establishments with Beds (1)

	Year	General Hospitals				General and Rural Hospitals				Local or Rural Hospitals			
		Establish-ments	Beds	Admis-sions or Discharges	Patient-Days	Establish-ments	Beds	Admis-sions or Discharges	Patient-Days	Establish-ments	Beds	Admis-sions or Discharges	Patient-Days
Indonesia	1973					993	74,435						
	1975					591	64,960	1,646,231	12,353,700				
	1976	172	35,866							418	28,494		
Japan	1972	7,047	873,823			. .				. .			
	1974	7,198	912,006	5,984,951	250,051,580								
	1975	7,235	930,203	6,045,437	255,297,990								
	1976	7,442	968,612	6,304,787	270,333,526								
Malaysia Peninsular Malaysia	1973	28	12,289	398,299	4,827,490	. .				34	7,340	165,288	1,838,505
Sabah	1973	3	856	25,298						10	888	32,013	
	1974	3	856	26,120						10	928	34,020	
	1975	3	856	29,441						10	928	29,014	
	1977	3	1,086	34,456						11	1,002	40,653	
Sarawak	1973	7	1,387							5	147	6,287	44,735
	1974	7	1,439	49,882	407,749					5	163	7,712	52,031
	1975	7	1,450	52,703	430,565					5	184	7,787	49,397
	1977	7	1,491	58,277						5	268	12,673	
Philippines	1973	674	41,062			. .				. .			
Singapore	1973	4	3,580	106,757	870,656	. .				1	64	744	12,283
	1974	4	3,580	103,240	858,803					1	64	957	7,320
	1975	4	3,716	109,525	877,379					2	100	1,180	15,192
	1977	6	4,012	125,911	927,410								
Thailand	1973	45	10,963	350,165	2,436,633	. .				180	25,723		
	1974	50	10,322	316,417	4,539,373					178	27,210	1,274,778	6,384,003
	1975	59	11,198	379,776	3,264,762					200	27,997	1,826,732	9,618,216

Source: World Health Statistics Annual, 1973-1980, WHO

Hospital and Other Medical Establishments with Beds (2)

	Year	Medical Centers				Internal Medicine Hospitals				Medical & Maternity Centers			
		Establish-ments	Beds	Admis-sions or Discharges	Patient-Days	Establish-ments	Beds	Admis-sions or Discharges	Patient-Days	Establish-ments	Beds	Admis-sions or Discharges	Patient-Days
Indonesia	1973 1975 1976	446	5,757			. .				. .			
Japan	1972 1974 1975 1977	30,032	258,924			. .				. .			
Malaysia Peninsular Malaysia	1973	. .				. .				. .			
Sabah	1973 1974 1975 1977												
Sarawak	1973 1974 1975 1977												
Philippines	1973	. .				13	257			. .			
Singapore	1973 1974 1975 1977	. .				. .				. .			
Thailand	1973 1974 1976	53 58	977 908	31,471 53,399	175,024 182,520	. .				361	3,424	85,760	238,740

Hospital and Other Medical Establishments with Beds (3)

	Year	Maternity Hospitals				Rural Hospital and Nursing Homes				Infectious Diseases Hospitals											
		Establish-ments	Beds	Admis-sions or Discharges	Patient-Days	Establish-ments	Beds	Admis-sions or Discharges	Patient-Days	Establish-ments	Beds	Admis-sions or Discharges	Patient-Days								
Indonesia	1973 1975 1976	338 438 14	4,986 6,715 661	205,552	977,810	. .				1	200										
Japan	1972 1974 1975 1977	. .				. .				29 28 27 25	2,109 2,064 1,870 1,753	1,493 1,691 943	19,806 24,319 11,650								
Malaysia Peninsular Malaysia	1973	. .				151	4,813			. .											
Sabah	1973 1974 1975 1977																				
Sarawak	1973 1974 1975 1977																				
Philippines	1973					73	1,966							. .				1	900		
Singapore	1973 1974 1975 1977					1 1 1 1	560 560 560 727	45,034 43,650 39,963 51,170	155,560 155,560 135,412 178,264					. .				1 1 1 2	272 272 272 1,003	3,074 4,919 9,827 9,959	34,410 50,084 60,429 179,971
Thailand	1973 1974 1976					2 2	423 300	19,111 19,670	96,072 98,271					. .				1 1 1	150 230 200	5,491 4,703 5,419	40,141 41,220 29,848

Hospital and Other Medical Establishments with Beds (4)

	Year	Chronic Diseases Hospitals				Leprosy Hospitals				Tuberculosis Hospitals			
		Establish- ments	Beds	Admis- sions or Discharges	Patient- Days	Establish- ments	Beds	Admis- sions or Discharges	Patient- Days	Establish- ments	Beds	Admis- sions or Discharges	Patient- Days
Indonesia	1973 1975 1976	• •				33 33	3,447 3,698	841	1,220,162	14 15	871 1,127	2,023	92,724
Japan	1972 1974 1975 1977	• •				16 16 16 16	14,261 14,176 14,003 13,388	177 177 167 200	3,414,453 3,374,430 3,275,250	126 103 87 61	20,151 16,280 13,242 8,190	13,190 11,008 6,719	4,238,667 3,717,167 2,174,785
Malaysia Peninsular Malaysia	1973					2	3,565	475	1,301,225	3	566	1,763	106,945
Sabah	1973 1974 1975 1977	• •								1 1 1 2	139 139 149 146	532 652 614 525	
	1973 1974 1975 1977					1 1 1 1	412 412 412 400	48 70 47 47	64,475 62,867 49,397				
Philippines	1973	• •				• •				17	9,935		
Singapore	1973 1974 1975 1977	1 1 1 1	100 117 117 117	35 55 51 56	32,761 36,054 39,282 41,084	1 1 1	731 731 731	207 232 258	156,950 152,205 148,190	• •			
Thailand	1973 1974 1976	• •				3 4 3	2,270 2,320 1,660	3,891 3,566 2,449	1,371,975 402,236 868,312	2 2 2	580 584 585	3,758 4,546 5,481	182,100 141,760 139,430

Hospital and Other Medical Establishments with Beds (5)

	Year	Pediatrics Hospitals				Oto-Rhino-Larycology Hospitals				Dermato-Venereologie Hospitals			
		Establish-ments	Beds	Admis-sions or Discharges	Patient-Days	Establish-ments	Beds	Admis-sions or Discharges	Patient-Days	Establish-ments	Beds	Admis-sions or Discharges	Patient-Days
Indonesia	1973 1975 1976	. .				. .				. .			
Japan	1972 1974 1975 1977	. .				. .				. .			
Malaysia Peninsular Malaysia	1973												
Sabah	1973 1974 1975 1977	. .				. .				. .			
Sarawak	1973 1974 1975 1977												
Philippines	1973	23	971			8	103			. .			
Singapore	1973 1974 1975 1977					. .				1 1 1	51 47 44	673 639 596	7,504 10,310 10,253
Thailand	1973 1974 1976					. .				1 1 1	45 50 42	151 174 177	3,775 4,959 6,841

Hospital and Other Medical Establishments with Beds (6)

	Year	Ophthalmology Hospitals				Orthopedics Hospitals				Mental Hospitals			
		Establish-ments	Beds	Admis-sions or Discharges	Patient-Days	Establish-ments	Beds	Admis-sions or Discharges	Patient-Days	Establish-ments	Beds	Admis-sions or Discharges	Patient-Days
Indonesia	1973	7	1,035							32	7,570		
	1975	4	687	6,681	100,967	1	150	866	54,828	33	6,806	10,969	1,695,557
	1976	4	556			1	150			33	6,376		
Japan	1972									925	195,059		
	1974	. .				. .				298	202,259	148,930	76,178,801
	1975									929	204,408	146,715	77,145,783
	1977									946	215,060	150,451	80,960,198
Malaysia													
Peninsular Malaysia	1973									2	6,577	6,024	2,400,605
Sabah	1973									1	300	461	
	1974	. .				. .				1	300	680	
	1975									1	300	449	
	1977									1	355	337	
Sarawak	1973									1	308	739	154,957
	1974									1	340	803	165,078
	1975									1	340	733	179,918
	1977									1	348	635	
Philippines	1973	. .				3	745			1	7,000		
Singapore	1973					1	120	218	23,948	2		2,515	953,148
	1974	. .				1	120	307	21,074	2		2,850	876,970
	1975					1	120	167	19,362	1		3,919	806,969
	1977									2	2,550	4,367	801,049
Thailand	1973	4	43	146	1,082					14		30,449	1,392,481
	1974	4	46	1,966	15,570	. .				14		30,592	2,374,512
	1976	4	40	985	4,896					4	685	8,711	132,417

Hospital and Other Medical Establishments with Beds (7)

	Year	Cancer Hospitals				Establ. for Drug Addicts				Tropical Diseases Hospitals			
		Establish-ments	Beds	Admis-sions or Discharges	Patient-Days	Establish-ments	Beds	Admis-sions or Discharges	Patient-Days	Establish-ments	Beds	Admis-sions or Discharges	Patient-Days
Indonesia	1973 1975 1976	1 1 1	60 60 60	52 52	2,570	. .				. .			
Japan	1972 1974 1975 1977	. .				. .				. .			
Malaysia Peninsular Malaysia	1973												
Sabah	1973 1974 1975 1977	. .				. .				. .			
Sarawak	1973 1974 1975 1977												
Philippines	1973	. .				. .				. .			
Singapore	1973 1974 1975 1977	. .				. .				. .			
Thailand	1973 1974 1976	1 1 1	500 500 720	9,627 5,467 4,342	107,030 121,004 98,214	1 1 1	112 100 160	1,045 1,269 1,499	1,432 29,406 32,509				

Hospital and Other Medical Establishments with Beds (8)

	Year	Other Specialized Hospitals				Others				Total					
		Establish- ments	Beds	Admis- sions or Discharges	Patient- Days	Establish- ments	Beds	Admis- sions or Discharges	Patient- Days	Establish- ments	Beds	Admis- sions or Discharges	Patient- Days		
Indonesia	1973	. .				. .				1,371	88,086	1,873,215	16,498,318		
	1975									1,115	83,696				
	1976									1,138	82,945				
Japan	1972	. .				. .				38,175	1,364,327	6,148,741	333,903,307		
	1974									8,273	1,146,785				
	1975									8,294	1,163,726			6,205,018	339,569,689
	1977									8,470	1,207,003			6,463,100	356,755,409
Malaysia Peninsular Malaysia	1973									220	35,150	571,789	10,474,770		
Sabah	1973									. .	. .	15	2,183	58,299	
	1974											15	2,223	61,472	
	1975											15	2,788		
	1977											17	2,589	75,971	
Sarawak	1973									63	2,579				
	1974									70	2,751				
	1975									75	2,788				
	1977									14	2,507	71,632			
Philippines	1973									. .				. .	
Singapore	1973	. .				4	124	891	13,681	17	8,147	160,148	2,260,901		
	1974					4	142	1,631	21,706	17	8,178	158,483	2,190,086		
	1975					4	45	13	11,797	14	8,005	165,499	2,124,265		
	1977									14	8,574	191,707	2,160,310		
Thailand	1973	2	440	435	156,682	. .				615	51,435	1,699,852	14,597,143		
	1974	2	520	491	157,787					314	51,215				
	1976									349	52,178				
														2,336,416	17,080,835

Hospital Utilization by Category of Hospitals (1)

	Year	Type	All Hospitals				General Hospitals					
			Population Per Bed	Bed	Admissions Per 10,000 Pop.	Bed Occupancy Rate (%)	Type	Beds Per 10,000 Pop.	Admissions		Bed Occupancy Rate (%)	Aver. Length of Stay (Days)
									Per 10,000 Pop.	Per Bed		
Indonesia	1973	T	1,410	7.1			T	6.0				
	1975	T	1,560	6.4	143.4	54.0	T	5.0	126.1	25.3	52.1	7.5
	1976	T	1,670	6.0			T	2.6				
Japan	1972	T	80	128.7			T	82.4				
	1974	T	100	104.6	560.7	79.8	T	83.2	545.7	6.6	75.1	41.8
	1975	T	100	104.9	559.2	79.9	T	83.8	544.9	6.5	75.2	42.2
	1977	T	90	106.0	567.6	81.0	T	85.1	553.7	6.5	76.5	42.9
Malaysia Peninsular Malaysia	1973	T	270	36.6	595.6	81.6	T	10.2	414.9	32.4	107.6	12.1
Sabah	1973	A	320	31.2	832.8		A	12.2	361.3	29.5		
	1974	A	320	30.9	853.8		A	11.9	361.3	30.5		
	1975	A	340	29.8	793.6		A	11.4	392.5	34.4		
	1977	T	300	33.6	986.6		T	14.1	447.5	31.7		
Sarawak	1973	T	450	22.2			T	12.0				
	1974	T	440	22.5			A	11.8	408.9	34.7	77.6	8.2
	1975	T	460	21.8			A	11.3	411.7	36.3	81.4	8.2
	1977	A	530	18.8	538.6		A	11.2	438.2	39.1		
Philippines	1973	T	640	15.6			T	10.2				
Singapore	1973	A	270	37.3	732.9	76.0	A	16.4	488.6	29.8	66.6	8.2
	1974	A	270	36.9	714.2	73.4	A	16.1	465.3	28.8	65.7	8.3
	1975	A	280	35.6	735.6	72.7	A	16.5	486.8	29.5	64.7	8.0
	1977	A	270	37.1	830.6	69.0	A	17.4	545.5	31.4	63.3	7.4
Thailand	1973	T	770	12.9			T	2.8	88.0	31.9	60.9	7.0
	1974	T	800	12.5	414.4	78.1	T	2.5	77.1	30.7	120.5	14.3
	1976	T	820	12.1	543.9	89.7	T	2.6	88.4	33.9	79.9	8.6

Source: World Health Statistics Annual, 1973-1980, Vol. 2

Note: Category of Hospitals

T = Total

A = Government hospital establishments

B = Private non-profit hospital establishments

Hospital Utilization by Category of Hospitals (2)

	Year	Type	Local or Rural Hospitals					Medical and Maternity Centers					
			Beds Per 10,000 Pop.	Admissions		Beds Occupancy Rate (%)	Aver. Length of Stay (Days)	Type	Beds Per 10,000	Admissions		Bed Occupancy Rate (%)	Aver. Length of Stay (Days)
				Per 10,000 Pop.	Per Bed					Per 10,000 Pop.	Per Bed		
Indonesia	1976	T	2.1					T	0.4				
Japan	1972 1974 1975 1976							T	24.4				
Malaysia Peninsular Malaysia	1973	T	12.7										
Sabah	1973	A	12.7	457.3	36.1								
	1974	A	12.9	472.5	36.7								
	1975	A	12.4	386.9	31.3								
	1977	T	13.0	528.0	40.6								
Sarawak	1973	A	1.3	54.2	42.8	83.4	7.1	T	2.8				
	1974	A	1.3	63.2	47.3	87.5	6.7	T	3.3				
	1975	A	1.4	60.8	42.3	73.6	6.3	T	3.1				
	1977	A	2.0	95.3	47.3								
Philippines													
Singapore	1973	A	0.3	3.4	11.6	52.6	16.5						
	1974	A	0.3	4.3	15.0	31.3	7.6						
	1975	A	0.4	5.2	11.8	41.6	12.9						
	1977												
Thailand	1973	T	6.5					T	0.9	21.6	25.0	19.1	2.8
	1974	T	6.6	310.8	46.8	64.3	5.0	T	0.2	7.7	32.2	49.1	5.6
	1976	T	6.5	425.2	65.2	94.1	5.3	T	0.2	12.4	58.8	55.1	3.4

Hospital Utilization by Category of Hospitals (3)

	Year	Type	Tuberculosis Hospitals					Mental Hospitals					
			Beds Per 10,000 Pop.	Admissions		Bed Occupancy Rate (%)	Aver Length of Stay (Days)	Type	Beds Per 10,000 Pop.	Admissions		Bed Occupancy Rate (%)	Aver, Length of Stay (Days)
				Per 10,000 Pop.	Per Bed					Per 10,000 Pop.	Per Bed		
Indonesia	1973	A	0.1	0.2	2.3	29.2	45.8	T	0.6	0.8	1.6	68.3	154.6
	1975		0.1					T	0.5				
	1976	T						T	0.5				
Japan	1972	T	1.9	1.2	0.8	71.3	321.4	T	18.4	13.6	0.7	103.2	511.5
	1974	T	1.5					T	18.4				
	1975	T	1.2	1.0	0.8	76.9	337.7	T	18.4	13.2	0.7	103.4	525.8
	1977	T	0.7	0.6	0.8	72.8	323.8	T	18.9	13.2	0.7	103.1	538.1
Malaysia Peninsular Malaysia	1973	T	0.6	1.8	3.1	51.8	60.7	A	6.9	6.3	0.9	100.0	398.5
Sabah	1973	A	2.0	7.6				A	4.3	6.6	1.5		
	1974	A	1.9	9.1				A	4.2	9.4	2.3		
	1975	A	2.0	8.2				A	4.0	6.0	1.5		
	1977	T	1.9	6.8	3.6			T	4.6	4.4	0.9		
Sarawak	1973							A	2.7	6.4	2.4	137.8	209.7
	1974							A	2.8	6.6	2.4	133.0	205.6
	1975							A	2.7	5.7	2.2	145.0	245.5
	1977							A	2.6	4.8	1.8		
Philippines	1973	T	2.5					A	1.7				
Singapore	1973							A	11.6	11.5	1.0	102.6	379.0
	1974							A	11.5	12.8	1.1	94.4	307.7
	1975							A	10.4	17.8	1.7	95.7	208.2
	1977							A	11.2	19.0	1.7	85.9	185.6
Thailand	1973	T	0.1	0.9	6.5	86.0	48.5	A	1.8	7.7	4.2	53.1	45.7
	1974	T	0.1	1.1	7.8	66.5	31.2	A	2.0	7.6	3.9	86.7	81.5
	1976	T	0.1	1.3	9.4	65.3	25.4	A	1.0	7.1	3.9	92.2	86.3

Hospital Utilization by Category of Hospitals (4)

	Year	Type	Maternity Hospitals				
			Beds Per 10,000 Pop.	Admissions		Bed Occupancy Rate (%)	Aver. Length of Stay (Days)
				Per 10,000 Pop.	Per Bed		
Indonesia	1973	T	0.4	15.7	30.6	39.9	4.8
	1975	T	0.5				
	1976	T	0.0				
Japan	1972	. .					
	1974						
	1975						
	1977						
Malaysia Peninsular Malaysia	1973	. .					
	Sabah						
1974							
1975							
1977							
Sarawak	1973						
	1974						
	1975						
	1977						
Philippines	1973	T	0.5				
Singapore	1973	A	2.6	206.1	80.4	76.1	3.5
	1974	A	2.5	196.7	78.0	76.1	3.6
	1975	A	2.5	177.6	71.4	66.2	3.4
	1977	A	3.1	221.7	70.4	67.2	3.5
Thailand	1973	B	0.1	4.7	45.2	62.2	5.0
	1974						
	1976	B	0.1	4.6	65.6	89.7	5.0

Number of Hospitals (in Year)

		1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Indonesia			1,126	1,164	1,164	1,199		1,371		1,115	1,138				
Japan ⁽¹⁾		7,505	7,703	7,819	7,974	8,038	8,143	8,188	8,273	8,294	8,379	8,470	5,580	8,800	9,055
Malaysia															
Peninsular Malaysia		66	66	66	64	61	62	62	64						
Sabah		12	13			14		15	15	15	15	17			
Sarawak		11	12	13	14	14	14	14	14	14	14	15	15		
Philippines	Total	665	717	799	650	648	701	768	845	927	1,046	1,108			
	Public	166	204	318	220	217	252	254	275	316	375	331			
	Private	499	513	481	430	431	449	514	570	611	671	777			
Singapore	Total	164	169	170	171	179	183	187	194	189	200	207	215		
	Government	11	11	11	11	13	13	13	14	14	13	13	13		
	Private	5	5	5	5	7	7	7	7	8	8	8	10		
	Other Govern- ment Clinics	148	153	154	155	159	163	167	173	167	179	186	102		
Thailand		97	97	97	98	227	262	268	280	281	294	317			

Source: Statistics Yearbook for Asia and the Pacific 1975-1979, UN.

(1) Data from Ministry of Health & Welfare

Number of Beds (in Year)

		1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Indonesia			85,568	82,327	86,022	86,022		88,086		83,696	82,945				
Japan ⁽¹⁾		963,113	1,003,638	1,033,550	1,062,653	1,082,647	1,105,400	1,125,606	1,146,785	1,164,098	1,184,737	1,207,003	1,232,779	1,269,081	1,319,406
Malaysia															
Peninsular Malaysia		27,582	28,416	28,416	27,927	27,661	28,554	28,699	28,978						
Sabah		1,407	1,429			1,747		2,183	2,223	2,233	2,309				
Sarawak		1,882	1,930	1,939	2,000	2,073	2,254	2,254	2,282	2,358	2,424	2,542	2,576		
Philippines	Total	36,446	49,622	53,793	40,289	41,207	43,034	46,080	51,099	55,323	75,630	72,144			
	Public	18,275	30,972	34,342	19,725	20,400	21,700	22,325	25,525	27,075	44,577	38,045	44,802		
	Private	18,171	18,650	20,470	20,564	20,807	21,334	23,755	25,574	28,248	31,053	34,099			
Singapore		7,000	7,004	6,979	6,891	7,346	7,981	8,031	7,872	8,005	8,609	8,574	8,443		
Thailand		21,020	22,008	23,350	25,619	41,377	47,174	49,235	51,145	52,652	56,998	59,482			

Source: Statistics Yearbook for Asia and the Pacific 1975-1979, UN.

(1) Data from Ministry of Health & Welfare, Japan

MEDICAL PERSONNEL

Definition of Medical Personnel (WHO)

Occupation and level of education	Personnel to be included in the data
1. Physicians High (university) level	All graduates of a medical school of faculty actually working in your country in any medical field (practice, teaching, administration, research, laboratory, etc.).
2. Medical assistants Middle level	Personnel performing duties ranging from simple curative procedures for common diseases to wider medical care that may include a variety of diagnostic, curative and preventive practices. These personnel have no medical education of university level or equivalent.
3. Multipurpose health auxiliaries Basic level	Personnel who may have no more than elementary general education and a few months of in-service training and who provide basic health services at the village level.
4. Dentists/Dental surgeons (a) High (university) level (b) Middle (non-university) level	(a) All graduates of a dental school (or faculty of odontology or stomatology) actually working in your country in any dental field. (b) Personnel qualified from a dental school of non-university level and licensed to practise dentistry in your country.
5. Dental operating auxiliaries	Personnel performing a limited range of diagnostic, preventive, and curative services in dentistry. These personnel usually do not have complete dental education of university level or equivalent.
6. Dental non-operating auxiliaries (a) Dental laboratory technicians (b) Dental chairside assistants	Dental non-operating auxiliaries who assist dentists and dental operating auxiliaries in their clinical work but who do not carry out any independent intra-oral procedures. These dental personnel usually have technical training either in formal courses or by apprenticeship.

Occupation and level of education	Personnel to be included in the data
7. Pharmacists/Chemists High (university) level	All graduates of a faculty or school of pharmacy actually working in your country in pharmacies, hospitals, laboratories, industry, etc.
8. Pharmaceutical assistants Middle level	Personnel assisting in pharmacies, hospitals, or dispensaries to make and dispense medicaments, under the supervision of a pharmacist. These personnel do not have pharmaceutical education of university level or equivalent.
9. Veterinarians/Veterinary surgeons High (university) level	All graduates of a faculty or school of veterinary medicine actually working in your country in any field of veterinary activity, including teaching and public health.
10. Animal health assistants Middle level	Personnel carrying out limited diagnostic, preventive, and curative veterinary services. These personnel have no veterinary education of university level.
11. Professional Midwives High level (a) Non-nurse midwives (b) Nurse-midwives	All graduates of a midwifery school actually working in your country in any field of midwifery (practice in institutions and community health services, teaching, administration, private practice, etc.)
12. Assistant midwives/auxiliary midwives Middle level	Personnel carrying out midwifery duties in normal obstetrics, in institutions and other health services, in principle under the supervision of a professional midwife. These personnel do not have the full education and training of a professional midwife.
13. Auxiliary Nurse-midwives Middle level	Personnel performing certain nursing duties and midwifery duties in normal obstetrics, in principle under the supervision of a professional nurse or midwife. These personnel have simpler education and training in nursing and midwifery than the professional nurse-midwife.

Occupation and level of education	Personnel to be included in the data
14. Professional Nurses High level	All graduates of a nursing school working in your country in any nursing field (general nursing, specialized clinical nursing services in mental health, paediatrics, cardiovascular diseases, etc. — public health or occupational health, teaching, administration, research, etc.). These personnel are qualified and authorized to provide the most responsible and competent professional nursing service.
15. Assistant nurses/ auxiliary nurses Middle level	Personnel performing general patient care of a less complex nature in hospitals and other health services, in principle under the supervision of a professional nurse. These personnel do not have the full education and training of a professional nurse.
16. Nursing and mid-wifery aids Basic level	Personnel performing specified non-technical tasks in institutions or community health services under nursing supervision. These personnel usually have on-the-job or short training.
17. Physiotherapists/ Physical therapists	Professional personnel treating patients by exercise, physical means, and massage, usually as prescribed by a physician.
18. Medical laboratory technicians High-level technicians	Professionals who have graduated from a school for laboratory technicians and work under the responsibility of a scientific or medical specialist. They also participate in the supervision, teaching and training of subordinate technical personnel.
19. Assistant medical laboratory technicians Middle-level technicians	Auxiliary technical laboratory personnel working under the supervision of a professional laboratory technologist or technician. These auxiliary personnel do not have the full training and theoretical knowledge of the professional.

Occupation and level of education	Personnel to be included in the data
20. Medical Physicists High (university) level	All graduates of a university or faculty of natural science with qualifications in physics and mathematics and special education and training in the field of medical physics.
21. Medical radiological technicians High-level technicians	Professionals who have graduated from a school for radiological technicians and work under the general responsibility of a specialist or physician in the field of radiology. If possible, indicate the distribution of medical radiological technicians according to their field of activity: (a) MRT (General) (b) MRT (Diagnosis) (c) MRT (Therapy)
22. Assistant medical radiological technicians Middle-level technicians	Auxiliary medical radiological personnel working under the direct supervision of a medical radiological technician or under a specialist or physician.
23. Sanitary engineers High (university) level	Professionally qualified engineers specialized in the prevention, control, and management of environmental factors that influence man's health adversely, e.g., in the design and operation of facilities for water supply, wastes disposal, and air quality control and the planning and administration of environmental health programmes.
24. Sanitarians High-level technicians	Professional personnel other than physicians inspecting the environment, promoting measures to restore or improve sanitary conditions (food inspection, inspection of public premises, etc.) and supervising the implementation of these measures.
25. Auxiliary sanitarians Middle-level technicians	Personnel who perform to a limited extent the functions of a professional sanitarian but do not have the full training and theoretical knowledge of the professional.

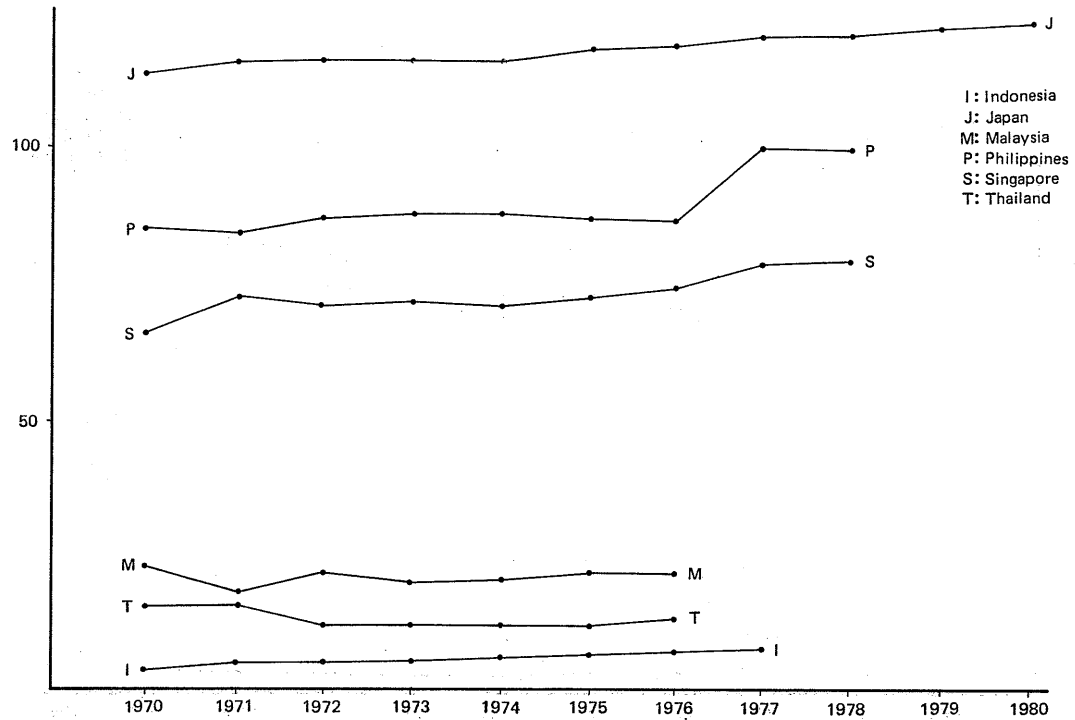
Occupation and level of education	Personnel to be included in the data
26. Other scientific or professional personnel Examples: Biochemists Biologists Entomologists Psychologists Nutritionists Dietitians Occupational therapists Speech therapists Other special therapists Health educators Health statisticians Medical record librarians	Scientific (university) or professional personnel working in the health field, but not classifiable under previous items (e.g., excluding physicians).
27. Other technical personnel Examples: Cardiology technicians Encephalographers Opticians Orthopaedic technicians Hearing aid technicians Health statistical technicians Medical record technicians	Technical personnel in the health field not classifiable under previous items.

Occupation and level of education	Personnel to be included in the data
28. Other health auxiliaries and aides Examples: Microscopists Laboratory aides Dark-room assistants	Health auxiliaries not classifiable under previous items, who generally have not more than primary general education and an elementary technical training by apprenticeship or in-service training.
29. Practitioners of traditional medicine/ midwifery Examples: Herb doctors Ayurvedic doctors Lay medical practitioners Medicine men Acupuncturists Traditional birth attendants	

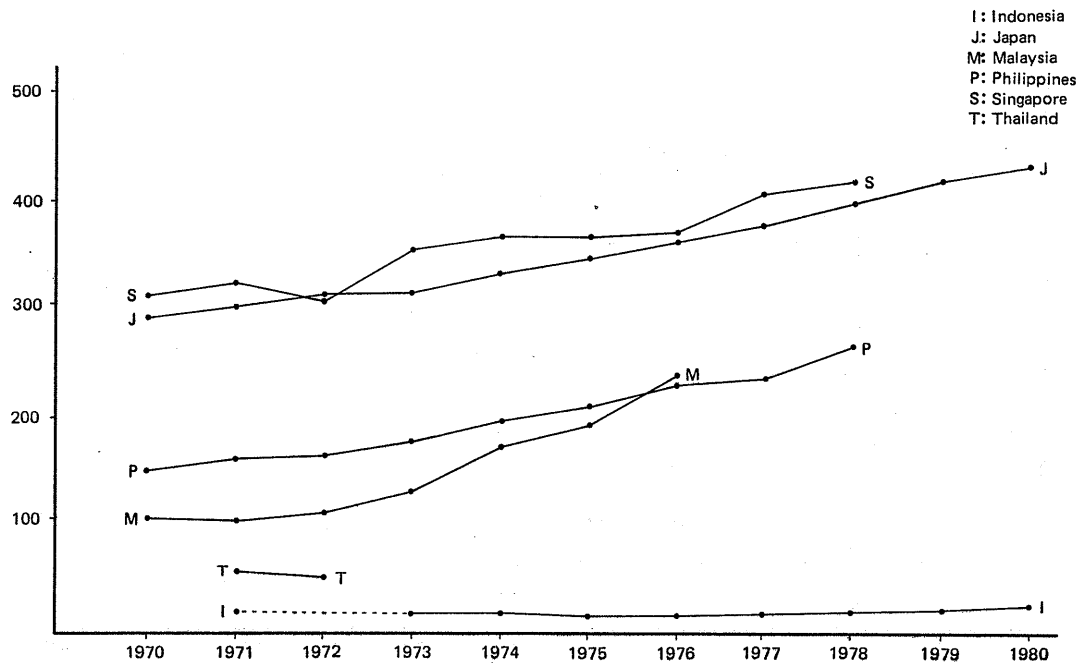
Comparative Table of Medical Personnel

	Indonesia	Japan	Malaysia			Philippines	Singapore	Thailand
			Peninsular Malaysia	Sabah	Sarawak			
Physicians	v	v	v	v	v	v	v	v
Medical assistants			v		v			v
Multipurpose health auxiliaries				v	v			
Dentists/Dental surgeons	v	v	v	v	v	v	v	v
Dental operating auxiliaries	v	v	v		v			v
Dental non-operating auxiliaries	v			v	v		v	v
Pharmacists/Chemists	v	v	v	v	v	v	v	v
Pharmaceutical assistants	v		v	v	v		v	v
Veterinarians/Veterinary surgeons		v	v		v	v		v
Animal health assistants					v			v
Professional midwives	v	v	v		v	v	v	v
Assistant midwives/Auxiliary midwives	v		v					v
Auxiliary nurse-midwives			v					
Professional nurses	v	v	v		v	v	v	v
Assistant nurses/Auxiliary nurses	v	v	v	v	v	v	v	v
Nursing and midwifery aids	v			v		v		v
Physiotherapists/Physical therapists	v		v	v	v	v	v	v
Medical laboratory technicians	v		v	v	v	v	v	v
Assistant medical laboratory technicians	v		v	v	v	v	v	v
Medical physicist			v				v	
Medical radiological technicians	v			v	v	v	v	v
Assistant medical radiological technicians	v		v	v	v			v
Sanitarians	v	v	v	v	v	v		v
Auxiliary sanitarians	v		v	v				v
Sanitary engineers		v	v		v	v	v	v
Other scientific or professional personnel	v	v	v	v	v	v	v	v
Other technical personnel					v			v
Other health auxiliaries and aides	v		v	v	v			v
Practitioners of traditional medicine/Midwifery								v
Dental nurses			v	v	v		v	
Nurses including nurse-midwives				v			v	

Annual Change of Physicians (per 100,000)



Annual Change of Nurses and Midwives (per 100,000)



Medical and Allied Health Personnel (1)

		Physicians	Medical Assistants	Multi-purpose health auxiliaries	Dentists/ Dental surgeons	Dental operating auxiliaries	Dental non-operating Auxiliaries	Pharmacists/ Chemists	Pharmaceutical assistants
Indonesia	1974	7,027	• •	• •	1,900	552	85	1,664	14,491
	1975	8,279			2,100	800	90		16,222
	1977	10,000							
Japan	1973	124,684	• •	• •	39,486	20,613	• •	71,569	• •
	1974	126,822			40,630			74,431	
	1976	133,416			43,336			79,242	
Malaysia Peninsular Malaysia	1973	1,084	1,047	• •	233	415	• •	42	385
	1974	1,342	1,197		251	453		44	376
	1975	1,798 G	1,162 G		306 G			34 G	
	1976	1,576 G	1,370 G		301 G				
	1977	1,438 G							
Sabah	1973	85		10	10		10	3	15
	1974	95		10	10		10	4	8
	1975	98	• •	7	9 G	• •		10	
	1976	95		6	10			5	
	1977	110							
Sarawak	1973	112	175	167	117	22	11	6	25
	1974	119	189		111	22		7	26
	1975	107	217		27			8	40
	1976	137	186		27			11	
	1977								
Philippines	1973	13,464	• •	• •	4,124		• •	4,555	• •
	1975								
	1976	13,480			4,241	• •		4,685	
	1977	16,123							
Singapore	1973	1,565	• •	• •	425		92	291	158
	1974	1,586			422		108	277	158
	1975	1,622			252	• •		288	
	1976	1,705			270			298	
	1977	1,847 R							
Thailand	1973	4,622 Y	2,089	• •	596 Y	226	51	1,616 Y	278
	1974								
	1975	5,005	3,242		652			1,913	431
	1976	5,210							

Source: World Health Statistics Annual, 1973–1980, Vol. 2

Note Y: Incomplete data

G: Personnel in government services

†: Entry used for calculation of population/nursing and midwifery personnel ratios

R: Number on the register; Not all working in the country

Medical and Allied Health Personnel (2)

		Veterinarians/ Veterinary surgeons	Animal health assist.	Professional Midwives	Assistant midwives/ Auxiliary midwives	Auxiliary Nurse- midwives	Professional Nurses	Assistant nurses/ Auxiliary nurses	Nursing and midwives aids
Indonesia	1974 1975 1977	. .	. .	9,976 10,720	2,189 2,148	. .	1,099	13,685 18,468	26,261
Japan	1973 1974 1976	21,529 22,284 23,718	. .	26,584 †	. .	. .	163,625 †	163,162 † 170,705 † 188,237	. .
Malaysia	1973 1974 1975 1976 1977	2 G	. .	1,278 † 1,329 †	2,307 2,454 †	171 † 288 †	2,452 † 2,935 †	3,007 † 3,284 † 3,627 †G 4,255 †G 5,065 G	. .
Peninsular Malaysia	1973 1974 1975 1976 1977			. .	. .	. .	. .	650 † 695 † 789 † 856 † 888 †	567 612
Sabah	1973 1974 1975 1976 1977	. .		. .					
Sarawak	1973 1974 1975 1976 1977	4 4	5 6	516 † 461 †			313 † 357	235 † 283 † 324 † 370 G 353 G	. .
Philippines	1973 1975 1976 1977	419 431	. .	6,915 †	. .	. .	8,283 † 8,519 †	26,670	4,887 5,026
Singapore	1973 1974 1975 1976 1977	. .	. .	2,317 † 510 †G	. .	. .	3,819 †	1,612 † 1,540 † 1,616 † 1,718 †	4,887
Thailand	1973 1974 1975 1976	186 549	26	10,012 †	5,690 †	. .	957 Y†	8,227 8,779 † 23,034	594

Medical and Allied Health Personnel (3)

	Year	Physio- therapists/ Physical therapists	Medical laboratory technicians	Assistant medical laboratory technicians	Medical physicists	Medical radiological technicians	Assistant medical radiological technicians	Sanitary engineers	Saniterians
Indonesia	1974	122	803	1,134	. .	396	164	. .	1,977
	1975	111	1,030	697		73			3,510
	1977								
Japan	1973	. .	. .	. .	. .	. .	. .	11,000	24,201
	1974							11,637	26,529
	1976							19,007	26,967
Malaysia Peninsular Malaysia	1973	20	252	345	2	. .	165	4	388
	1974	23	284	414	2			4	418
	1975	23 G	343 G	444 G	3 G			4 G	
	1976	48 G	425 G	537 G	4 G			9 G	
	1977								
Sabah	1973	2	15	25	. .	8	2	. .	36
	1974	2	20	25		4	2		37
	1975	1	27	25		3			
	1976	1	36			7			
	1977								
Sarawak	1973	3	6	45	. .	6	18	1	58
	1974	3	6	80			19	1	60
	1975	4	58	73				1	
	1976	4 G	59 G	81 G					
	1977								
Philippines	1973	109	1,155	394	. .	506	. .	86	2,654
	1975	62	1,188			520			
	1976								
	1977								
Singapore	1973	26 G	184	67	4 G	72 G	. .	78 129 G	. .
	1974	25 G	174	70					
	1975	23 G	309						
	1976	24 G	179 G	101 G					
	1977								
Thailand	1973	73	364	803	. .	224	132	65	336
	1974					182		74	366
	1975	79	460	1,077					
	1976								

Medical and Allied Health Personnel (4)

	Year	Auxiliary sanitarians	Other scientific or professional personnel	Other technical personnel	Other health auxiliaries and aids	Practitioners of traditional medicine/ Midwifery	Dental nurses	Nurses including nurse- midwives	Orthopaedic technicians
Indonesia	1974	2,172	165		328				
	1975	2,079		• •		• •	• •	• •	• •
	1977								
Japan	1973		15,373						
	1974	• •		• •	• •	• •	• •	• •	• •
	1976								
Malaysia	1973	495	17		149		328		
	1974	495	27		184		419		
	1975						433 G	• •	• •
Peninsular Malaysia	1976								
	1977								
Sabah	1973	20	2	• •	31		30	418 †	
	1974		3		31		10	456 †	
	1975					• •	26	478 †	2
Sarawak	1976						22	459	
	1977								
Philippines	1973		8	3	20		60		
	1974		8	3	33		55		
	1975	• •					68	• •	• •
Thailand	1976								
	1977								
Singapore	1973		376						
	1975	• •		• •	• •	• •	• •	• •	• •
	1976								
Thailand	1977								
	1973		28				192		
	1974			• •	• •	• •	210	4,211 †	• •
Thailand	1975						219		
	1976						269		
	1977								
Thailand	1973	4,948	317	12	560	8,535 Y†			
	1974	5,713					• •	• •	• •
	1975								
	1976								

Medical and Allied Health Personnel (5)

	Year	Malaria field officers	Medical Social technicians	Health Statistics technicians	Medical Statistician	Dental hygienists	Trained of rural midwives	Traditional birth attendants	Laboratory aids
Indonesia	1974 1975 1977	• •	• •	• •	• •	• •	• •	• •	• •
Japan	1973 1974 1976	• •	• •	• •	859	22,223 27,601	• •	• •	• •
Malaysia	1973 1974 1975 1976 1977	• •	• •	• •	• •	• •	• •	• •	• •
Peninsular Malaysia									
Sabah	1973 1974 1975 1976 1977	130	2	1					
Sarawak	1973 1974 1975 1976 1977	• •	• •	• •					
Philippines	1973 1975 1976 1977	• •	• •	• •	• •	• •	3,754 G†	20,956	405
Singapore	1973 1974 1975 1976 1977	• •	• •	16 12 G	4 4 G	• •	• •	• •	• •
Thailand	1973 1974 1975 1976	• •	• •	• •	50	236	6,355†	7,928	• •

Medical and Allied Health Personnel (6)

	Year	Sanitary inspectors	Medical Social workers	Dental practitioners	Veterinary assistants	Nurse-midwives	Dental technicians	Dispensers	Assistant nurse-midwives
Indonesia	1974 1975 1977	• •	• •	• •	• •	892	• •	• •	• •
Japan	1973 1974 1976	• •	• •	• •	• •	• •	• •	• •	• •
Malaysia	1973 1974 1975 1976 1977	• •	• •	• •	• •	• •	93 G	395 G	166 G†
Peninsular Malaysia	1973 1974 1975 1976 1977								
Sabah	1973 1974 1975 1976 1977						10 10	24	• •
Sarawak	1973 1974 1975 1976 1977						12 12 G	58	
Philippines	1973 1975 1976 1977						2,132 G	201	
Singapore	1973 1974 1975 1976 1977	• •	• •	167 163	• •	• •	• •	• •	
Thailand	1973 1974 1975 1976	• •	• •	• •	1,200	10,429 †	10	• •	• •

Medical and Allied Health Personnel (7)

	Year	Nurses	Occupational therapists	Dietitians	Radio graphers	Nursing auxiliaries	X-ray assistant technicians	Health inspectors	Assistant health inspectors
Indonesia	1974 1975 1977	10,647	. .	. .	. .	. .	87	. .	. .
Japan	1973 1974 1976	176,051 † 203,713	. .	. .	. .	. .	. .	. .	. .
Malaysia	1973 1974								
Peninsular Malaysia	1975 1976 1977	3,550 G† 4,169 G†	17 G	7 G 9 G	174 G 190 G	. .	8 G 7 G	329 G 423 G	492 G 538 G
Sabah	1973 1974 1975 1976 1977	. .	. .	1 2	2 5	636 674	. .	40 42	. .
Sarawak	1973 1974 1975 1976 1977	413 † 319	4 4 G	2 3 G	25 24 G	. .	. .	29	34
Philippines	1973 1975 1976 1977	. .	50	286	. .	5,026	. .	. .	. .
Singapore	1973 1974 1975 1976 1977	4,151 † 4,242 †	3 14 G	23 12 G	80 G 80 G	. .	. .	125 169 G	441 415 G
Thailand	1973 1974 1975 1976	1,043 †	. .	. .	. .	1,056	201	. .	. .

Medical and Allied Health Personnel (8)

	Year	Biochemists	Health educators	Midwives	Microscopists	Health assistants	Entomologists	Dental surgery assistants	Nutritionists	Darkroom assistants
Indonesia	1974 1975 1977	• •	• •	• •	• •	• •	• •	• •	• •	• •
Japan	1973 1974 1976	• • •	375	26,867 † 26,804	• •	• •	• •	• •	• •	• •
Malaysia	1973 1974 1975 1976 1977	21 G 24 G	5 G 6 G	2,253 G†	• •	• •	• •	• •	• •	• •
Peninsular Malaysia	1973 1974 1975 1976 1977	1 1	• •	• •	31 31	39 53	1 1	• •		
Sabah	1973 1974 1975 1976 1977	• •	3	118 † 141	8	• •	1	28 28 G	1	16 17 G
Sarawak	1973 1974 1975 1976 1977	• •	99	7,112	• •	• •	• •	• •	339	• •
Philippines	1973 1974 1975 1976 1977	8 G 8 G	3 G 3 G	930 † 925 †	• •	• •	7 G	• •	13 2 G	• •
Singapore	1973 1974 1975 1976 1977	11	66	701 †	• •	• •	8	• •	192	• •
Thailand	1973 1974 1975 1976									

Population/Health Personnel Ratios

	Year	Physicians per 10,000 Population	Population per Physicians	Dentists per 10,000 Population	Population per Dentists	Pharma- cists per 10,000 Population	Population per Phar- macists	Medical Assistants per 10,000 Population	Population per Medical Assistants	Nursing Personnels per 10,000 Population	Population per Nursing Personnels	Nursing and Midwifery Personnels per 10,000 Population	Population per Nursing and Midwifery Personnels
Indonesia	1974	0.6	18,160	0.1	67,150	0.1	76,670			1.2	8,630	2.1	4,730
	1975	0.6	16,430	0.2	64,780			• •	• •			3.2	3,170
	1977	0.7	14,328									4.3	2,311
Japan	1973	11.5	870	3.6	2,740	6.6	1,510			30.2	330	32.6	310
	1974	11.6	860	3.7	2,700	6.8	1,470	• •	• •	31.6	320	34.1	290
	1976	11.83	845	3.8	2,600	7.0	1,420			34.8	290	37.1	269
Malaysia Peninsular Malaysia	1973	1.1	8,860	0.2	41,200	0.0	228,570	1.1	9,170	5.7	1,760	9.6	1,040
	1974	1.4	7,270	0.3	38,880	0.0	221,820	1.2	8,150	6.4	1,570	10.5	950
	1975	1.8	5,600	0.3	32,890	0.0	295,970	1.2	8,660	7.1	1,400	9.5	1,050
	1976	1.5	6,470	0.3	33,890			1.3	7,450	8.3	1,210		
	1977	1.37 G	7,302									11.9 G	841
Sabah	1973	1.2	8,240	0.1	70,000	0.0	233,330	0.1	70,000	15.3	660		
	1974	1.3	7,580			0.1	180,000	0.1	72,000				
	1975	1.3	7,650	0.1	83,330	0.1	75,000	0.1	107,140	17.0	590	• •	• •
	1976	1.3	8,000	0.1	76,000	0.2	50,670	0.1	126,670	17.3	580		
	1977	1.43	7,000										
Sarawak	1973	1.0	10,360	1.0	9,910	0.1	193,330	1.5	6,630	4.7	2,120	9.2	1,090
	1974	1.0	10,250	0.9	10,990	0.1	174,290	2.9	3,430	5.2	1,910	9.8	1,020
	1975	0.8	11,960	0.2	47,410	0.1	160,000	3.1	3,220	5.8	1,740	6.7	1,500
	1976	1.05	9,490	0.2	48,150	0.1	118,180	2.1	4,710	5.8	1,710	6.9	1,440
	1977											7.4 G	1,349
Philippines	1973	3.3	2,990	1.0	9,750	1.1	8,830			2.1	4,860	3.8	2,650
	1975	3.2	3,150	1.0	10,020	1.1	9,070	• •	• •	2.0	4,990	19.5	1,050
	1977	3.58	2,793									11.7	852
Singapore	1973	7.2	1,400	1.9	5,140	1.3	7,510			24.9	400	35.5	280
	1974	7.1	1,400	1.9	5,260	1.2	8,010			25.9	390	28.2	350
	1975	7.2	1,390	1.9	5,370	1.3	7,810	• •	• •	25.6	390	29.8	340
	1976	7.5	1,340	1.9	5,260	1.3	7,640			26.2	380	30.2	331
	1977	8.0 R	1,250										
Thailand	1973	1.2	8,530	0.1	66,760	0.4	24,620	0.5	19,050	2.3	4,330	8.4	1,190
	1975	1.2	8,460	0.2	64,840	0.5	22,100			5.1	1,970	6.6	1,530
	1976	1.21	8,246									8.6	1,169

Source: World Health Statistics Annual, 1973-1980, Vol. II, III, WHO.

Number of Medical Personnel (in Year)

Physicians

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Indonesia	2,002	3,234	3,387	3,578	4,516	5,217	6,221	7,644	8,279	8,977	9,805 ⁽⁴⁾	10,456		
Japan ⁽¹⁾	111,657	113,630	115,974	118,990	123,178	125,302	126,327	128,455	132,479	134,934	138,316	142,984	150,229	156,235
Malaysia Peninsular Malaysia	1,759	1,941	2,131	2,370	1,881	2,299 ⁽³⁾	2,167	2,334	2,511 ⁽³⁾	2,659				
Sabah	64	66			81 ⁽²⁾	79 ⁽²⁾	78 ⁽²⁾	81	102 ⁽²⁾	95				
Sarawak	66	83	68	80	90	104	107	119	131	135	158	150		
Philippines	27,095	28,374	29,705	31,515	32,186	33,741	35,286	36,603	37,276	38,490	47,801	49,110		
Singapore	1,099	1,159	1,243	1,363	1,520	1,524	1,565	1,586	1,622	1,705	1,847	1,850		
Thailand	4,835	5,097	5,322	5,407	5,651	4,254	4,607	4,646	5,005	5,210 ⁽⁴⁾				

Source: Statistical Yearbook for Asia and the Pacific 1975-1979, UN.

(1) Data from Ministry of Health & Welfare

(2) Statistical Handbook Sabah, 1975

(3) Statistical Handbook of Peninsular Malaysia, 1976

(4) World Health Statistics Annual, 1980, Vol. II, WHO.

Number of Medical Personnel (in Year)

Dentists

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Indonesia	379	407	434	452	547		100	1,900						
Japan⁽¹⁾	36,524	36,943	37,406	37,859	39,218	40,293	40,490	41,680	43,586	44,382	45,715	48,731	50,821	53,602
Malaysia														
Peninsular Malaysia	625	632	644	630	630	628	696	709	659 ⁽²⁾	959				
Sabah	7	7		15	15		10	16	9	10				
Sarawak	137	130	129	131	139	136	117	128	104	116	122	122		
Philippines	11,600	11,792	11,967	12,174	12,327	12,474	12,514	12,815	13,096	13,370	13,694	14,181		
Singapore	366	359	391	398	406	408	409	422	419	433	464	476		
Thailand	511	567	612	683	731	555	596	600	652					

Source: Statistical Yearbook for Asia and the Pacific, 1975-1979, UN.

(1) Data from Ministry of Health & Welfare

(2) Statistical Handbook of Peninsular Malaysia, 1976

Number of Medical Personnel (in Year)

Pharmacists

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Indonesia ⁽¹⁾	1,342	1,469	1,474	1,486			1,510	1,664						
Japan ⁽²⁾	72,101	74,336	76,087	79,393	83,246	85,140	87,651	91,402	94,362	97,474	100,897	104,693	110,774	116,056
Malaysia Peninsular Malaysia														
Sabah								4	10	15				
Sarawak														
Philippines	18,150	18,653	18,747	19,076	19,332	19,620	19,765	20,365	20,838	21,092	21,546	22,186		
Singapore	170	206	228	245	273	264	291	337	288	298	318	330		
Thailand ⁽³⁾	1,126	1,216	1,341	1,407	1,579									

Source: Statistical Yearbook for Asia and the Pacific 1975-1979, UN.

(1) Including Practitioners, Assistant Pharmacists and First Class Dispensers

(2) Data from Ministry of Health & Welfare

(3) Public Health Statistics, 1972, Ministry of Public Health, Bangkok

Number of Medical Personnel (in Year)

Midwives

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Indonesia	3,334	3,529	3,658	3,752	6,977		10,840	12,165	10,720	12,642	13,799	14,921			
Japan ⁽¹⁾	31,944	29,440	28,963	28,087	27,811	27,730	26,854	26,867	26,742	26,804	26,618	26,493	26,267	25,867	25,538
Malaysia Peninsular Malaysia	2,161	2,780	3,082	3,509	3,012 ⁽²⁾	3,523 ⁽²⁾	5,383 ⁽²⁾	8,246 ⁽²⁾	9,555 ⁽²⁾	10,353					
Sabah	193	193			145 ⁽³⁾	153 ⁽³⁾	164 ⁽³⁾	180 ⁽³⁾	195 ⁽³⁾						
Sarawak	512	532	574	589	636	640	668	714	871	926	1,034	1,140			
Philippines	13,924	14,391	14,812	16,082	17,167	18,312	19,931	23,940	26,680	31,958	27,430	30,295			
Singapore	1,778	1,931	1,987	2,094	2,236	2,178	2,317	2,433	2,469	2,540	2,652	2,725			
Thailand ⁽⁴⁾	3,183	3,373	3,601	4,203	4,989										

- Source: (1) Data from Ministry of Health & Welfare
(2) Statistical Handbook of Peninsular Malaysia, 1976
(3) Statistical Handbook, Sabah, 1975
(4) Public Health Statistics, 1972, Ministry of Public Health, Bangkok

Number of Medical Personnel (in Year)

Nurses

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Indonesia ⁽¹⁾	15,844	24,393			15,008		14,231	8,066	9,856	11,284	13,912	16,140			
Japan ⁽²⁾	228,569	239,037	254,628	273,572	290,933	305,915	316,803	336,612	361,604	382,459	404,156	431,911	458,362	487,169	518,097
Malaysia Peninsular Malaysia ⁽³⁾	5,380	5,916	6,807	7,279 ⁽⁷⁾	7,871 ⁽⁷⁾	8,733	9,474 ⁽⁷⁾	11,513	13,352	25,805					
Sabah ⁽⁴⁾	659	798			653 ⁽⁸⁾	754 ⁽⁸⁾	830 ⁽⁸⁾	879 ⁽⁸⁾	970 ⁽⁸⁾						
Sarawak ⁽⁵⁾	524	564	570	559	603	617	645	730	1,074	1,143	1,168	1,206			
Philippines	29,870	32,474	35,428	38,918	42,636	43,703	51,563	57,246	64,155	71,585	80,781	94,411			
Singapore	3,508	3,670	3,950	4,304	4,572	4,422	5,423	5,731	5,767	5,960	6,814	7,069			
Thailand ⁽⁶⁾	13,016	13,779	14,377	15,387	14,387	14,876	16,246	17,520	18,993	21,004	22,667				

Source: (1) Nurses and similar personnel

(2) Data from Ministry of Health & Welfare

(3) Nurses and assistant nurses

(4) Trained nurses and hospital assistants

(5) Trained nurses, assistant nurses and hospital assistant

(6) Public Health Statistics, 1972, Ministry of Public Health, Bangkok

(7) Statistical Handbook of Peninsular Malaysia, 1976

(8) Statistical Handbook Sabah, 1975

MEDICAL SCHOOLS

Situation of Medical Schools

	Academic Year	Number of Medical Schools	Duration of Studies	Total Enrolment	Admissions	Graduates
INDONESIA	1975/1976	12	7 Years ^(a)	N: 9449 ^(b) F: 46	N: 1038 F: 26	824
JAPAN	1975/1976	69	6 Years	..	..	4273
MALAYSIA	1975/1976	2	5 or 6 Years ^(c)	N: 808	N: 205	N: 113
PHILIPPINES	1975/1976	9 ^(d)	5 Years	..	..	1700
SINGAPORE	1975/1976	1	5 Years	N: 343 F: 241	N: 110 F: 10	N: 52 F: 55
THAILAND	1976/1977	7	4 Years	..	..	430

Source: World Directory of Medical Schools 1979, WHO

- Note:
- (a) 6 Years at the University of Indonesia Medical Faculty, Jakarta
 - (b) N: Nations, F: Foreigners
 - (c) 5 Years at the University of Malaya; 6 Years at the National University of Malaysia (including a 1-year premedical course)
 - (d) 6 new schools opened in the academic year 1977/1978.

APPENDIX

List of Organizations related to Health Statistics

WHO

WHO Regional Office for the Western Pacific

United Nations Avenue
P.O. Box 2932, 12115, Manila
The Philippines

WHO Regional Office for South East Asia

World Health House, New Delhi, 1.10.002, India

INDONESIA

Monitoring & Reporting Division
Planning Bureau, Ministry of Health
(Departmen Kesehatan)

Jalan Prapatan 10, Jakarta

Directorate General of Communicable Diseases Control,
Ministry of Health

Jalan Percetakan Negara I
P.O. Box 223, Jakarta

Central Bureau of Statistics

Jalan Dr. Sutomo No. 8
P.O. Box 3, Jakarta

JAPAN

Communicable Diseases Surveillance Division
Public Health Bureau, Ministry of Health and Welfare

2-2, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100

Health and Welfare Statistics Department
Ministry of Health and Welfare

42, Ichigaya-Honmuracho, Shinjuku-ku, Tokyo 162

MALAYSIA

Health Information & Statistics
Ministry of Health (Kementarian Kesihatan)

Jalan Cenderasari, Kuala Lumpur

Epidemiology Unit, Ministry of Health

Jalan Cenderasari, Kuala Lumpur

Department of Statistics

Kuala Lumpur
Kota Kinabalu, Sabah
Kuching, Sarawak

PHILIPPINES

Disease Intelligence Center, Ministry of Health
National Economic and Development Authority

San Lazaro Compound, Rizal Avenue, Manila
P.O. Box 1116, Manila

SINGAPORE

Research & Evaluation Section, Ministry of Health

Committee on Epidemic Diseases, General Hospital
Ministry of Health
Department of Statistics

Cuppage Center, 55 Cuppage Road
Singapore 0922
Outram Road, Singapore 0316

P.O. Box 3010, Singapore 1

THAILAND

Division of Health Statistics
Ministry of Public Health

Division of Epidemiology
Ministry of Public Health

National Statistical Office
Office for the Prime Minister

Devaves Palace, Samsen Road
Bangkok 10200

Devaves Palace, Samsen Road
Bangkok 10200

Bangkok Metropolis