



Thai Medical Device Technology Industry Association

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HISTORY AND ACHIEVEMENTS OF THE ASSOCIATION

HOW IT BEGAN

The first steps towards the formation of the original **Medical Products Suppliers' Association (MPSA)** were taken on April 4, 1989 when six prominent businessmen, each with many years experience in the Thai Medical Device industry, got together for an informal meeting. At this gathering it was recognized that the many suppliers of medical devices in Thailand needed a "forum" at which they could meet their fellow suppliers and discuss their many mutual problems.

A number of further meetings took place before the MPSA finally came into being early in 1990, after receiving official approval and registration by the Ministry of Commerce.

Following the announcement of the Association's foundation, an initial 24 suppliers with major interests in the distribution of medical devices in Thailand, applied for membership. Today, the Association boasts more than 71 member companies and this number continues to grow as the benefits of membership become steadily more recognized throughout the industry in the face of ever increasing government legislation and controls.

In 2005 the name of the Association was changed to the **Thai Medical Device Technology Industry Association (THAIMED)**, in line with internationally accepted terminology, enabling associated organizations and industries to become members.

WHAT HAVE WE ACHIEVED

THAIMED can look back on a number of significant achievements beneficial to its membership, be they importers or manufacturers, since its inception. The most notable of these include:-

1. The initial establishment of excellent contacts with the Medical Device Division of the Thai Food and Drug Administration (TFDA) thereby providing assistance to members when Free Sales Certificates became a mandatory requirement for the importation of medical devices. Today, this relationship has further strengthened and deepened to the extent that members of the Association's Board now sit on various TFDA sub-committees to assist with and give advice on, matters relating to the medical device industry. The Association also keeps in contact with The European Medical Technology Industry Association and the equivalent US organization, the Advanced Medical Technology Association (AdvaMed), ensuring that it keeps abreast of changes in international policy and legislation thereby enabling early discussions with the TFDA on all new developments. The Association also monitors all developments concerning GMP, ISO 13485 and CE marking and relays all relevant information on these both to its members and to the TFDA. Registration seminars conducted by the TFDA for the benefit of THAIMED members are also arranged on a regular basis.

The Association's Regulatory Affairs Sub-Committee, consisting of Registration Managers from several member companies, ensures a close focus is kept on regulatory affairs and provides early opportunities to discuss these with the TFDA.

2. Keeping members regularly informed of important developments within the industry and of relevant healthcare statistics, by means of meetings, circulars and newsletters.

3. Conducting surveys on matters of importance to member companies such as salaries and per diem allowances and initiating market data exchanges amongst its membership.

4. Maintaining a website (www.thaimed.co.th) on which detailed information about member companies is available together with a full Product Listing that provides details on all products marketed by member companies; this information can, therefore, be accessed via the Internet by all major hospitals throughout Thailand.

5. Publishing a quarterly newsletter on the Association's activities together with reports on regulatory issues and all other relevant developments affecting the healthcare industry, including country health statistics.

6. Compiling and submitting applications for Free Sales Certificates for general medical devices in accordance with a privilege granted by the TFDA.

7. Keeping in close contact with various other government authorities such as the Social Security Office, the Thai International Standards Institute, the Comptroller General's Department and various departments of the Ministry of Public Health.

8. Conducting sales training courses and other seminars for the staff of member companies and others.

9. Negotiating with organizers of medical device exhibitions to obtain the most favorable terms for Association members.

10. Establishing good relationships with major embassies in Bangkok ensuring that the Association regularly receives information on trade opportunities abroad for passing on to its members.

11. THAIMED was instrumental in organizing the APEC funded Seminar on Regulations of Medical Device held in Bangkok during June 2005. The Seminar was attended by over 200 delegates from regulatory bodies and the medical device industry from all major Asian countries

12. Establishing 3 Sub-Committees:

- Regulatory Affairs Sub-committee (RA)
- Reimbursement Sub-committee (RIM)
- E-Business Sub-committee (E-Biz)

to assist members in Regulatory Affairs, Reimbursement and E-Procurement respectively.

13. THAIMED was a partner in organizing the Asia Invest Matchmaking Medical Devices EU-ASIA which was held during the HOSPI Medica Thailand 2007.

AND IT WILL CONTINUE

Today, THAIMED is recognized by many local government agencies and by the medical profession, as the representative body of the medical device industry in Thailand, providing its members with a common voice and platform from which to act upon matters of mutual interest and importance. The Association intends to continue in this direction, monitoring all matters relating to the supply of medical devices in Thailand, sharing all relevant information with its members and with their support, seeking and advancing constructive criticisms of and solutions to, all problems arising in the daily course of their business.

WORKING GROUPS

The Board of Directors and members are active in the following permanent working groups of the Association:

- * Regulatory Affairs
- * Treasury & Legal Matters
- * Product Liability Law
- * Market Perspectives, Statistics, Member-Surveys
- * Manufacturers' Affairs
- * Distributors'/Importers' Affairs
- * Training courses & Seminars
- * Healthcare Insurance Systems
- * E-Business
- * Code of Conducts

Active participation of members in these working groups is an essential ingredient of the Association's work.

OBJECTIVES OF THE ASSOCIATION

- A. To improve communications and create a stable business relationship between member companies engaged in the distribution of medical products to government and private hospitals throughout Thailand.
- B. To promote high professional standards within the industry and to ensure the availability of high quality and dependable products and repair services to customers in support of the health of the Thai people.
- C. To offer to the government and the private sector, professional counsel and advice on issues affecting medical products and their supply.
- D. To provide an organization to represent the views of its members in all questions relating to the medical products supply business in Thailand and to negotiate and cooperate with the government on all such matters.
- E. To collect and collate statistics and other information relating to the medical products supply business in Thailand and to obtain details of all Thai laws and other regulations of interest and to disseminate these amongst its members.

- F. To propagate and publicize the association's activities as well as providing information concerning the medical device industries.
- G. To collect and disseminate statistics and other information concerning hospital equipment and disposable products in Thailand and to obtain and disseminate among its members all Thai Laws and regulations of interest to the membership.
- H. Neither the Association nor any of its members shall do or promote any act which would constitute a violation of the antitrust laws or any other law which may prejudice economic, social or political interests.
- I. This Trade Association has no objects to participate in politics.

MEMBERS & MEMBERSHIP

1. ORDINARY MEMBERS:

Juristic persons or natural persons of good standing who are distributors, traders, importers, exporters or manufacturers of medical products, except pharmaceuticals and who have been registered according to Thai law, may apply to become Ordinary Members.

2. ASSOCIATE MEMBERS:

Juristic persons or professional persons who are involved in affairs related to the health industry, may apply to become Associate Members.

3. APPLICATIONS:

Applications for membership must be in writing on the prescribed application form provided by the Association. An application must be endorsed by at least two existing members.

4. APPROVAL:

All applications for membership will be submitted to the Board of Directors for consideration and approval. The Board will advise its decision direct to the applicant who, if the application is successful, will become a member upon payment of all required registration and membership dues.

5. FEES AND DUES:

Upon joining, each company shall pay a registration fee of Baht 5,000 (five thousand Baht) plus a subscription covering its first year's membership. Thereafter, an annual subscription is payable, the amount of which is dependant upon annual medical device turnover. Current subscription levels are: -

Medical device T/O: Up to Bt 25m	- Bt 10,000
Bt 25m to Bt 50m	- Bt 15,000
Bt 50m to Bt 100m	- Bt 30,000
Above Bt 100m	- Bt 60,000

The annual fee for Associate Members is Bt.15,000 irrespective of sales turnover.

These annual subscription rates may be amended only following a proposal from the Board of Directors, which must receive approval by an anonymous vote taken at a General Members' Meeting.

6. JURISTIC MEMBERS:

Each juristic member must appoint one Ordinary Representative who is authorized to exercise membership rights on their behalf. Ordinary Representatives may not assign these rights to a third party. However, the juristic member may also appoint an Alternative Representative who is empowered to act for the Ordinary Representative in his/her absence.

RIGHTS AND DUTIES OF MEMBERS

A. RIGHTS OF A MEMBER:

1. To call upon any available assistance from the Association within its objectives.
2. To offer his/her opinions or suggestions to the Association and its Board of Directors to further the purposes of the Association within its objectives.
3. To examine and inspect the business and property of the Association at any reasonable time following the submission of a request to do so, in writing, to the Board of Directors.
4. To be present at all meetings and to submit any motion to, or to question any Director at, any Annual General Meeting or Extraordinary General Meeting of the Association.
5. To vote and to stand for election to the Board of Directors at any Annual General Meeting or Extraordinary General Meeting of the Association.

**B. DUTIES OF
A MEMBER:**

1. To comply with the rules, regulations, and resolutions of the Association.
2. To preserve the dignity of the Association and to protect the rights and benefits arising from membership thereof.
3. To promote the interests of the Association and to act always in such a manner as to assist the Association to achieve its objectives.
4. To pay all fees and dues to the Association as shall be from time to time payable.

ETHICAL CODE OF PRACTICE

BACK GROUND:

The adoption by all members of the Association's Ethical Code of Practice is in accordance with the key objectives of the Association as set out in Section 4 of the Articles of Association. Members of THAIMED commit themselves to accept this Code of Practice as a condition of membership.

INTRODUCTION:

The supply of medical products to the Thai Healthcare market constitutes a billion baht industry meeting the requirements of over 1,000 hospitals and tens of thousands of medical personnel. It represents a very significant contribution to the lives of the Thai people. It is an industry, therefore, in which the adoption of proper ethical standards is of paramount importance and the Association, in establishing this Ethical Code of Practice, is seeking to outline the obligations facing those engaged in the industry so that such standards become the norm. The aim is to encourage all members to provide simple, clear and accurate information on all the products and services they provide to the Medical Profession and the Thai public alike and when required to do so, to provide these products and services both efficiently and promptly. It is desirable that the Association's membership shall eventually include the majority of those companies engaged in this sector of the medical supply industry, excluding pharmaceutical companies whose own association is competent to serve their requirements.

OBLIGATIONS OF MEMBERS:

1. GENERAL

1.1 All trademarks duly registered in the Kingdom of

Thailand must be respected and all copyrights observed.

- 1.2 It is recommended that members have an established procedure for the recall of products should this prove necessary and that all sales representatives and other involved staff are fully aware of these requirements.
- 1.3 Members of the Association should adopt the highest standards when recruiting personnel. Member companies found to have deliberately attempted to entice employees of other member companies to transfer their employment without the clear and confirmed agreement of the original employer, may be rendered liable to suspension from the Association by decision of the Board.
- 1.4 Members adopting this Ethical Code of Practice should do so not only by the letter but also in the spirit in which it is intended.

2. SALES AND MARKETING

- 2.1 In promoting products to the medical profession or the general public, the information provided should be accurate, fair and objective and should never be misleading either directly or by implication.
- 2.2 The methods of promotion employed must be appropriate to the learning and professional status of those to whom they are directed and should never be such as to risk bringing discredit to the medical supply industry.
- 2.3 Disparaging references to other manufacturers, their products or distributors should be avoided at all times.
- 2.4 All member of the Association should also adopt the latest edition of THAIMED's Code of Sales and Marketing Practice.

3. SALES REPRESENTATIVES

- 3.1 Sales representatives should, at all times, maintain a high standard of ethical conduct in the discharge of their duties.
- 3.2 Sales representatives must be adequately trained and possess sufficient medical and technical knowledge to present information on the company's products in an accurate and reasonable manner.
- 3.3 Oral presentations as well as written or printed material must aim at accuracy, fairness, balance and good taste.
- 3.4 Unfair or misleading comparisons or comparisons implying a therapeutic advantage which is not in fact justified must be avoided.

4. COMPLAINTS

- 4.1 In a complex supply industry such as that of medical products, complaints and misunderstandings can easily arise both between distributor and customer and distributor and manufacturer. Usually, however, these may be resolved by the adoption of a fair and professional approach.
- 4.2 Complaints from customers should be handled both promptly and sympathetically and as much information as possible collected and recorded. In all instances where an investigation is warranted this should be conducted without delay and the results relayed to the customer as soon as they are known.
- 4.3 Complaints to suppliers should, in the first instance, be directed to the Managing Director of the company concerned stating clearly the facts of the complaint.

As much information as possible should be supplied including, where a product is concerned, full details of the purchase of the product from the supplier (invoice number, date, etc.).

- 4.4 Should a satisfactory resolution of the complaint not result after the supplier has been furnished with all information possible, it may be referred to the THAIMED Board who will provide impartial advice on the next appropriate procedures which may then be followed. It should be noted, however, that use of such procedures does not prevent a complainant from seeking redress through the courts as a last resort.

5. NEW AGENCIES

Members of THAIMED should refrain from making disparaging references or unfair comments about other member companies to overseas suppliers/manufacturers. This particularly applies when one member company is trying to acquire the distributorship of a foreign or local supplier already represented in Thailand by another member company. Member companies found to have deliberately attempted to entice or encourage a supplier, by unfair or dishonest means, to move his business from another member, may be rendered liable to suspension from the Association by decision of the Board.

6. ADMINISTRATION

This Ethical Code of Practice will be administered by the Ethics Sub-Committee. Members of this committee will be senior managers of member companies and its Chairman will also be a member of the Board of Directors.

CODE OF SALES AND MARKETING PRACTICES

In our effort to uphold ethical standards and compliance with applicable laws that are critical to the medical device industry's ability to continue its collaboration with Health Care Professionals (HCPs), the Thai Medical Device Technology Industry Association members have decided to adopt a voluntary Code of Ethics, guided by the Advanced Medical Technology Association (AdvaMed) in the United States of America including Ethic Codes of Practices of the Thai Medical Council and THAIMED.

This Code of Ethics will serve to facilitate ethical interactions with HCPs, or individuals or entities that purchase, lease, recommend, use, arrange for the purchase or lease of, or prescribe THAIMED members' medical technology products in Thailand.

THAIMED members will communicate the principles of this Code of Ethics to their employees, agents, dealers and distributors with the expectation that they will adhere to it.

This booklet provides you with a summary of the key provisions of this Code of Ethics and a series of frequently asked questions.

Please feel free to contact any of the THAIMED members listed in this booklet for any further information required.

Mr. Noppadol Taweetungworaphan

President, THAIMED

About Thai Medical Device Technology Industry Association (THAIMED)

Formed about nineteen years ago, THAIMED comprises multi-national companies (MNCs) and local small and medium enterprises (SMEs) in the medical technology and supporting industries.

Our mission is to be the leading voice for the medical industry and related organizations, encompassing medical devices, equipments, instruments, diagnostics and implantables, serving as a vital forum and focal point to advance the interests of the industry and benefit the people we serve.

The main objectives of the THAIMED are:-

- To be the preferred forum for the industry for voicing issues and concerns;
- To act as the benchmark organization in representing the Medical Device industry in Thailand;
- To work with the Ministry of Health (MOH) in the development of regulatory direction;
- To communicate with members, industries, government and other key stakeholders;
- To identify current needs in the context of the changing environment;
- To address common business and ethical issues.

THE CODE OF ETHICS

This Code of Ethics governs our interactions with those who purchase, lease, recommend, use, arrange for the purchase or lease, or prescribed THAIMED members' medical technology products in Thailand. These individuals or entities are referred to in the Code as "Health Care Professionals" or "HCPs". The fundamental principle is that we cannot provide anything of value to an HCP for the purpose of unlawfully inducing the HCP to purchase, lease, recommend, use, or arrange for the purchase, lease, or prescription of any product.

Company-Sponsored Product Training and Education

THAIMED members have responsibility to educate Health Care Professionals in the adoption of the Code of Ethics. When we sponsor a training program for HCPs, the program must be held in facility conducive to training and must be conducted by qualified persons. THAIMED members may pay reasonable travel expenses and lodging costs for HCPs to attend these training programs.

When travel is provided for, Economy Class tickets will be issued for air travel of less than 6 hours. However, THAIMED members may exercise their discretion for faculty members e.g. speakers and members of Advisory Boards.

We also may provide modest meals and receptions for the attendees, so long as they are subordinate in time and focus to the purpose of the meeting.

THAIMED members cannot provide any entertainment for HCPs, nor can we pay for travel, hospitality, meals, or other expenses for spouses or guest of HCPs who do not have a legitimate professional interest in attending the training program.

Supporting Third Party Educational Conferences

THAIMED members may support third party educational and scientific conferences by making grants to the conference sponsor to reduce conference costs, or to a training institution. The conference sponsor should be responsible for and control the selection of program content, faculty, educational methods, and materials. THAIMED members may pay for modest meals and receptions at these conferences so long as the hospitality is subordinate in time and focus to the purpose of the conference. We may also pay for reasonable honoraria, travel, lodging, and meals for conference faculty members.

When travel is provided for, Economy Class tickets will be issued for air travel of less than 6 hours. However, THAIMED members may exercise their discretion for faculty members e.g. speakers and members of Advisory Boards.

Sales and Promotional Meetings

THAIMED members can meet with Health Care Professionals to discuss product features and negotiate contract and sales terms. In the course of such meetings, we can provide occasional hospitality in the form of modest meals and receptions if such hospitality is conducive to the exchange of information. We also can pay for reasonable travel costs for HCPs when necessary (e.g., for plant tours or demonstrations for non-portable equipment). We cannot pay for meals or other hospitality for spouses or guest of HCPs.

When travel is provided for, Economy Class tickets will be issued for air travel of less than 6 hours. However, THAIMED members may exercise their discretion for faculty members e.g. speakers and members of Advisory Boards.

Arrangements with Consultants

THAIMED members may employ HCPs to work with the Company as Consultants where there is legitimate need and purpose for the consultant's services that is identified in advance, where their compensation is consistent with fair market value, and where there is a written consulting agreement that specifies the services to be provided. Bona fide consulting services may include research activities, participation on advisory boards, training, and product collaboration. Consultants must be chosen based solely on their qualification and expertise. In no event may a consultant be chosen on the basis of the volume or value of the business generated by the consultant. THAIMED members may pay reasonable travel costs in connection with meetings with consultants and may pay for modest lodgings, meals, and receptions at those meetings, so long as they are subordinate in time and focus to the primary purpose of the meetings and the venue and circumstances of the meetings are appropriate.

Gifts & Hospitality

THAIMED members occasionally may provide modest gifts to Health Care Professionals, but only if such gifts have fair market value less than Baht 3000 (with the exception of text-books and anatomical models) and benefit patients or serve a genuine educational function. We may occasionally provide branded promotional items as gifts if they relate to the work of the HCP or are for the benefit of patients. Cash or cash equivalents may never be provided.

Hospitality should not extend beyond members of the professions. Invitations to such meetings should not be extended to spouses unless they themselves are practicing members of the relevant medical or allied profession.

Grants and Other Charitable Donations

THAIMED members may make donations to charitable organizations for charitable purposes. All donations must be documented. Charitable contribution must not be made to an individual HCP or to an organization controlled by a single individual HCP.

The Code of Ethics is adopted by the following THAIMED members:-

3M Thailand Ltd.
Abbott Laboratories Ltd. (Diagnostics Division)
Abbott Laboratories Ltd. (Vascular Division)
Accord Corporation Ltd.
Alcon Laboratories (Thailand) Ltd.
B. Braun (Thailand) Ltd.
B. Grimm Healthcare Co., Ltd.
Bausch & Lomb (Thailand) Ltd.
Baxter Healthcare (Thailand) Ltd.
Becton Dickinson (Thailand) Ltd.
Beiersdorf (Thailand) Co., Ltd.
Biogenomed Co., Ltd.
bioMérieux (Thailand) Ltd.
Bio-Rad Laboratories Ltd.
Berli Jucker Public Co., Ltd.
Boston Scientific (Thailand) Ltd.

Carl Zeiss Co., Ltd.
Ciba Vision Ltd.
CVP Medical Technology Ltd.
Diethelm Ltd.
Edwards Lifesciences (Thailand) Ltd.
Enraf-Nonius medical equipment Co., Ltd.
Fresenius Medical Care (Thailand) Ltd.
GE Medical systems (Thailand) Ltd.
Giss Marketing Co., Ltd.
Global Medical Solutions (Thailand) Co., Ltd.
Hope Thai Medical Co., Ltd.
IDS Marketing (Thailand) Ltd.
Infus Medical (Thailand) Co., Ltd.
Intimex Hearing Aid Serviced Co., Ltd.
Johnson & Johnson (Thai) Ltd.
K. Performance Co., Ltd.
Kosin Medical Supply Co., Ltd.
M.E. Meditek Co., Ltd.
Maxim Inter-Corporation Ltd.
Mahachak International Co. Ltd.
Medtronic (Thailand) Limited
Mid-West Dental Group Co., Ltd.
Mondotech (Thailand) Co., Ltd.
Namsin Trading Co., Ltd.
Neopharm Co., Ltd.
Nipro (Thailand) Corporation Ltd.
Novotec Healthcare Co., Ltd.
Olympus (Thailand) Co., Ltd.
Pacific Biotech Co., Ltd.
Particle Measuring Technique Co., Ltd.
Peters Surgical International Co., Ltd.
Procter & Gamble Trading (Thailand) Ltd.
Philips Electronics (Thailand) Ltd.
RADI Medical Systems Co., Ltd.
Roche Diagnostics (Thailand) Ltd.
Samaphan International Co., Ltd.
Siemens Limited (Medical Solution)
Smith & Nephew Ltd.
Stada Asiatic Co., Ltd.
Sterigenics (Thailand) Ltd.
Stryker Far East Inc., Thailand

Supreme products Co., Ltd.
Surgical instruments (Thailand) Ltd.
Techno Medical Co.,Ltd.
Teo Hong Silom Co., Ltd.
Thai Medical Engineer Co., Ltd.
Thanes Development Co., Ltd.
TRB Chemedica (Thailand) Ltd.
Tri-V International Co., Ltd.
Tyco Healthcare (Thailand) Ltd.
U.S. Summit Corp. (Overseas)
Urgo Healthcare Products Co., Ltd.
Vascular Innovation Inc.
Venus Technology Co., Ltd.
Zimmer Medical (Thailand) Co., Ltd

COUNTRY STATISTICS

POPULATION OF THAILAND		July 2008 est.
Nationwide		65,493,296
Age structure	0-14 years	21.2% (male 7,104,776/female 6,781,453)
	15-64 years	70.3 % (male 22,763,274/female 23,304,793)
	65 years and over	70.3 % (male 22,763,274/female 23,304,793)
Median age		
total		32.8 years
Male		32 years
female		33.7 years
Life Expectancy at Birth		
Total population		72.83 years
Male		70.51 years
Female		75.27 years
Population below poverty line		10.4 %
Remarks:		
Birth Rate per 1,000 populations		13.57
Death Rate per 1,000 populations		7.17

Source: The World Fact Book by Central Intelligence Agency

WORK FORCE EDUCATION	
	Q3 2008
None	1,105.7
Less than Elementary	11,783.1
Elementary	8,688.8
Lower Secondary	5,708.4
Upper Secondary	4,790.8
Higher Level	5,603.0
Others	30.7
Unknown	126.0
Total	37,836.6

Note: Unit: 1,000 persons

Source: National Statistical Office

COUNTRY STATISTICS		
	2008 est.	
Population (Millions)	65.49	2008 est.
Growth Rate (%)	0.64	2008 est.
GDP (US\$ Billions)	245.7	2007 est. (official exchange rate)
Real Growth Rate (%)	4.5	(2008)
	4.8	(2007)
	4.5	(2006)
	6.1	(2005)
GDP per capita (US\$)		
at market exchange rate	3,689	(2007 est.)
at purchasing power parity	8,000	(2007 est.)
Inflation rate (%)	5.8	(2008 est.)
	5.1	(2007)
	4.5	(2006)
	2.8	(2005)

Source: Country Briefings Thailand, www.economist.com
The World Fact Book by Central Intelligence Agency

FISCAL BUDGET 2005-2009*Unit: Million Baht*

Year	04/05	05/06	06/07	07/08	08/09
Total Government Budget	1,200,000	1,360,000	1,566,200	1,660,000	1,835,000
MOPH Budget	45,151.9	52,774.8	62,279.2	65,434.8	71,041.9
% of Total	3.8	3.9	4.0	3.9	3.9
% increase	0.0	17.2	18	4.7	8.6

*Source: Bureau of the Budget***2009 MOPH BUDGET**

Department	Million Baht	% of Total
Office of the Permanent Secretary of Public Health	51,626.9	78.9
Department of Medical Services	3,481.2	5.3
Department of Disease Control	3,379.1	5.2
Department for Development of Thai Traditional and Alternative Medicine	151.6	0.2
Department of Medical Sciences	908.4	1.4
Department of Health Service Support	731.9	1.1
Department of Mental Health	1,917.4	2.9
Department of Health	1,652.7	2.5
Office of Food and Drug Administration	657.4	1.0
Health Systems Research Institute	120.5	0.2
National Health Security Office	807.7	1.2
Total	65,434.8	100

*Source: Bureau of the Budget**Remark: the Thai Government's Fiscal Year is from Oct 01 – Sep 30*

NUMBERS OF GOVERNMENT HOSPITALS AND BEDS 2006

	WHOLE COUNTRY		BANGKOK	
	HOSP.	BED	HOSP.	BED
Total (General & Specialist Practices)	1,003	117,538	50	17,116
Ministry of Public Health	905	98,575	12	5,847
Other Ministries	77	15,481	16	7,702
State Enterprises & Independent Organizations	11	980	8	2,066
Municipalities	10	2,502	14	1,501
General Practice	952	106,081	39	13,813
Ministry of Public Health	856	87,170	4	2,884
Other Ministries	75	15,429	14	7,412
State Enterprises & Independent Organizations	11	980	7	2,016
Municipalities	10	2,502	14	1,501
Specialist Practice	51	11,457	11	3,303
Ministry of Public Health	49	11,405	8	2,963
Other Ministries	2	52	2	290
Stat Enterprises & Independent Organization	-	-	1	50

Source: Bureau of Policy and Strategy, MOPH

DISTRIBUTION OF PRIVATE HOSPITALS NATIONWIDE 2008

REGION	HOSPITALS CLASSED BY NUMBER OF BEDS BY REGION			TOTAL BY REGION
	1	51	OVER	
	-	-		
	50	100	100	
BANGKOK	34	22	46	102
UP-COUNTRY	103	78	56	237
NATIONWIDE	137	100	102	339

Source: Division of Medical Registration, MoPH

NUMBER OF PRIVATE HOSPITALS AND BED 2008

REGION	2008	
	No. of Hospitals	No. of Beds
BANGKOK	102	15,658
UP-COUNTRY	237	15,663
NATIONWIDE	339	31,321

Source: Department of Health Service Support, MoPH

NUMBERS OF GOVERNMENT MEDICAL PERSONNEL 2006

Classed by Type of Administration					
	Physician	Dentist	Pharmacist	Nurse	Technical Nurse
Nationwide	21,051	4,187	7,940	101,143	12,882
MOPH	11,311	2,838	5,841	70,708	10,870
Other Ministries	4,178	516	567	11,492	1,504
State Enterprises	45	17	10	186	10
Municipalities	666	166	190	3,372	239
Private	4,309	435	1,234	13,320	249
Classed by Region					
Bangkok	6,411	807	1,403	20,778	1,008
Central	5,113	1,074	2,302	26,920	4,178
North	3,721	967	1,724	21,154	2,958
North-East	3,547	803	1,408	18,342	2,375
South	2,259	536	1,103	13,949	2,363
Ratio of Population per Medical Professional					
Nationwide	2,975	14,957	7,887	619	4,861
Bangkok	886	7,035	4,047	273	5,632

Source: The Report of Health Resource and Survey data,
Health Information Division, Bureau of Health Policy and Planning

Note: 1. Nurse means Professional Nurse include Nurse Practitioner, Nursing and Midwifery
Public Health Nurse (PHN), Anesthetic Nurse and Nurse Specialist
2. Technical Nurse excludes No.1

MAIN CAUSES OF DEATH (2003-2007)

Death Rate per 100,000 Populations by Leading Causes of Death

	Cause group	2003	2004	2005	2006	2007
1	Malignant neoplasm, all forms	78.9	81.3	81.4	83.1	84.9
2	Accident and poisonings	56.9	58.9	57.6	59.8	56.7
3	Hypertension and cerebrovascular disease	34.5	34.8	29.2	24.4	24.3
4	Disease of heart	27.7	26.8	28.2	28.4	29.3
5	Pneumonia and other disease of lung	23.9	26.3	22.4	22.0	22.5
6	Nephritis, nephrotic syndrome and nephrosis	19.2	18.6	20.2	20.6	21.5
7	Human immunodeficiency virus (HIVs) disease	26.8	18.3	12.8	10.5	8.8
8	Suicide, homicide and other injury	14.8	11.7	11.8	11.1	11.5
9	Disease of liver and pancreas	13.0	12.0	14.6	14.4	13.9
10	Tuberculosis, all forms	11.0	9.7	8.9	8.3	7.7
11	Others	303.4	331.0	348.6	342.0	343.8

NOTE : Accident and poisoning Exclude Suicide and Homicide

Source: Health Information Unit, Bureau of Health Policy and strategy

SOCIAL SECURITY FUND STATISTICS (2004-2008)

	2004	2005	2006	2007	2008
Number of Insured Persons ¹	8,031,768	8,467,410	8,860,183	9,182,170	9,380,270
Number of Establishments	346,936	362,559	375,705	381,506	381,608
Number of Utilization (Sickness or Injury)	21,128,674	21,128,674	21,292,916	26,322,634	20,902,988
Number of Health Providers	278	274	269	266	257
Number of Network Providers	2,517	2,625	2,462	2,530	2,530

Note: ¹Included number of Insured Persons under Article 39 + Article 40

MEDICAL SERVICE UTILIZATION RATE (2002-2006)

TYPES/YEAR	2002	2003	2004	2005	2006
OUT-PATIENT	2.55	2.54	2.58	2.37	2.51
PUBLIC	2.45	2.41	2.50	2.17	2.38
PRIVATE	2.61	2.63	2.63	2.51	2.61
IN-PATIENT	0.044	0.046	0.047	0.049	0.052
PUBLIC	0.039	0.043	0.045	0.048	0.051
PRIVATE	0.047	0.049	0.048	0.050	0.053

UNIT: TIME/PERSON/YEAR

Source: Social Security Office, Last up-dated on September 2008

NATIONAL HEALTH INSURANCE STATISTICS

TABLE 1 : 2009 NHSO BUDGET

Services	Capitation per head (Baht)
1. OPD	666.96
2. IPD*	837.11
3. OPD & IPD for Community Hospitals with special conditions	72.25
4. Prevention Services	262.06
5. HC/A%E/Particular Diseases	187.08
6. Investment for Compensation	148.69
7. Handicapped Rehabilitation	5.00
8. Compensations in accordance with Section 41 Budget for Remote Area	1.00
9. Compensations for Medical Servers	0.85
10. Budget as per Quality-based pay	20.00
11. Addition for Thai Traditional/Alternative Medical Service	1.00
Total (Baht/person)	2,202.00

Source: National Health Security Office, Ministry of Public Health

TABLE 2 : NUMBER OF HOSPITALS IN HEALTH INSURANCE PROGRAMS

	Government				Private	
	MoPH	Other Ministries	Independent Organization	Clinic	Hospital	Clinic
Bangkok	3	16	1	1	24	145
Provincial	839	67	1	2	33	18
Nationwide	842	83	2	3	57	163

Total Government Hospitals and primary clinics = 930
 Total Private Hospitals and Primary Clinics = 220
 Total hospitals in Universal Coverage Scheme = 1,150

Source: National Health Security Office, Ministry of Public Health
 Last up-dated on December 2008

TABLE 3 : NUMBER OF PEOPLE IN HEALTH INSURANCE PROGRAMS

	WEL	UCS	SSS	OFC	FRG	NRD	TOTAL
Bangkok	1,449,051	2,132,763	2,989,720	727,695	16,839	18,976	7,335,044
Upcountry	22,284,731	21,116,196	6,618,895	4,246,516	38,126	297,104	54,601,568
Nationwide	23,733,782	23,248,959	9,608,615	4,974,211	54,965	316,080	61,936,612

Last up-dated on December 2008

Note : A total of 618,152 persons have no health insurance as of November 2008.

Code: Meaning

- WEL = Welfare
(National Health Insurance; gold card without 30 Baht co-payment)
This coverage is provided to the following persons:
- Community leaders and health volunteers
 - Low income earners
 - Underprivileged groups such as
 - o The elderly
 - o Children 0 – 12 years old
 - o The disabled
 - o Monks and Priests
 - o Army Veterans and their family members
- UCS = Universal Coverage
Coverage provided to all Thai people except to WEL, SSS, OFC, and FRG
- SSS = Social Security Fund
- OFC = Government authorities / State enterprises / Politicians
- FRG = Thai population working outside Thailand
- NRD = Foreign workers in Thailand

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