



Socioeconomic



Population¹

71 668 011.0 (2024)



Life expectancy at birth²

76 (2023)



GDP/capita (current US\$)³

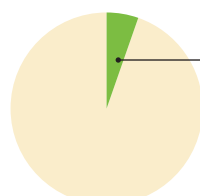
US\$ 7345.1 (2024)



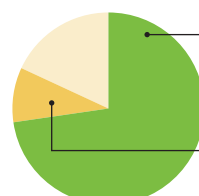
Spending on health

Current health expenditure (CHE)/capita (current US\$)⁴

US\$ 369.98 (2022)



5.35% (2022)
Current health expenditure as share of GDP⁴



72.70% (2022)
Government health expenditure (% of CHE)⁴
9.21% (2022)
Out-of-pocket expenditure (% of CHE)⁴



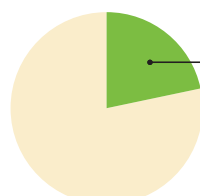
Spending on pharmaceuticals

Government pharmaceutical expenditure⁵

฿ 181 997 million

Government pharmaceutical expenditure/capita

No data



21.7%
Pharmaceutical expenditure (% of CHE)⁵



Share of out-of-pocket expenditure on pharmaceuticals



Medical and pharmacy workforce

Medical doctors/
10 000 population⁶

9.28 (2023)

Pharmacists/
10 000 population⁶

6.16 (2023)

Pharmacy education
accreditation⁷

Yes

Continuing professional
development for pharmacists⁷

Yes



Pharmaceutical legislation and policy

1967 Drug Act of B.E. 2510

1975 Drug Act (No.2) B.E. 2518

1979 Drug Act (No.3) B.E. 2522; Narcotic Act B.E. 2522

1981 National Drug Policy 2522

1985 Drug Act (No.4) B.E. 2528; Narcotic Act (No.2) B.E. 2528

1987 Drug Act (No.5) B.E. 2530; Narcotic Act (No.3) B.E. 2530

1993 National Drug Policy

2002 Narcotic Act (No.5) B.E. 2545

2011 National Drug Policy

2012–2016 Strategic plan for the development of the national drug system, B.E.

2016 Psychotropic Substance Act B.E. 2559

2017 Narcotic Act (No.6) B.E. 2560

2017–2021 National Policy and Strategic Plan for Herbal Medicine; National Strategic Plan on AMR

2019 Drug Act (No.6) B.E. 2562; Narcotic Act (No.7) B.E. 2562; Herbal Product Act B.E. 2562; The Herbal Product Act, BE 2562

2020–2022 National Drug Policy and Strategy Plan

2021 Act Promulgating the Narcotics Code B.E. 2564

2023–2027 National Strategic Plan on AMR; The Action Plan for the Development of Thailand's Pharmaceutical System; The Action Plan for the Development of Thailand's Pharmaceutical System; National Drug Policy and Strategy (draft); National Policy and for Vaccine Security; National Policy and Strategic Plan for Herbal medicine; National Strategic Plan on AMR (draft)



Intellectual property rights



TRIPS flexibilities
incorporated into
the law



TRIPS flexibilities
utilized

No data



Rational use and antimicrobial resistance

% of market share of
non-EML products

No data

WHO Global Antimicrobial Resistance and
Use Surveillance System enrollment⁸:
Yes, 2024

Total consumption of antibiotics⁹:
1 086 510 275.82 DDD (2022)

FDC sales in the
private market

No data

Number of antibiotics on the private market¹⁰

	Total	AWaRe			Not recommended
		Access	Watch	Reserve	
Single drugs	896	492	388	16	-
FDCs	184	160	22	2	-

Market
entry

National Regulatory Authority

Thai Food and Drug Administration (FDA)

Website: <https://www.fda.moph.go.th/>

Staff¹¹: 1704

Annual budget¹¹: 898 036 700 Baht

Products regulated¹²

☒ Medicines

☒ Biologicals

☒ Medical
devices

☒ Traditional
medicines

Licensing of establishments^{13,14}

☒ Manufacturers

☒ Importers

☒ Exporters

☒ Wholesellers

☒ Distributors

☒ Retailers

National Medicines Quality Control Laboratory

1

☒ ISO 17025
certified¹⁵

☒ WHO
prequalified¹⁵

Rational
selectionBody responsible for selection of medical products¹⁶

Division of National Drug Policy, Thai FDA

☒ HTA used in the selection process

☒ NEML incorporated AWaRE list

☒ Medicines listed by level of care

☒ Traditional medicines included

National Essential Medicines List (number of active ingredient)¹⁵

1981	1987	1992	1996	1999	2004	2008	2012	2013	2015	2016	2017	2018	2019	2021	2022	2023	2024
370	373	348	372	687	692	647	657	695	696	702	706	727	739	733	747	753	765

National Medicines Formulary¹⁴

National Hospital Formulary and National Herbal Formulary

National Essential Diagnostics List: No

Purchasing



Public sector

☑ **Procurement**¹⁷: Centralized and decentralized

Agency responsible for procurement¹⁸: Centralized – National Health Security Office (NHSO) in collaboration with Rajavithi Hospital and the Government Pharmaceutical Organization (GPO); Decentralized – Each hospital procurement by itself

LMIS used: No data

Frequency of tender: No data

Private sector

☑ **Social Health Insurance**

Name of SHI scheme: Universal Coverage Scheme (UCS); Social Security Scheme (SSS); Civil Servant Medical Benefit Scheme (CSMBS)

Population coverage: UCS 71%; SSS 19%; CSMBS 10%

Number of products covered: All products included in NLEM

Pricing regulation

Pricing regulatory authority¹⁹

Department of Internal Trade under Ministry of Commerce

Public sector

Tendering²⁰: Yes

Private sector

Maximum retail price²¹: Yes

Number of price controlled products: Public procurement follows an additional 2017 law requiring public hospitals to purchase drugs at or below the Maximally Allowable Purchasing Drug Price (MAPDP)

No data

Market distribution

Estimated pharmaceutical market value¹⁵

Total value: 276 820 million Baht (2023); Import value: 197 125 million Baht (2023); Local production value: 82 695 million Baht (2023)

Public²¹

Tertiary hospitals: 324

Secondary hospitals: 682

PHC facilities: 9770

Private²²

Manufacturers: 173

Importers: 629

Wholesellers/distributors: 615

Retail pharmacies: 19 126

Market exit



Legal provision for

☑ Cancellation of licences of pharmaceutical establishments¹³

☑ Cancellation of marketing authorization of products¹³

☑ Initiating product recalls and withdrawals¹³

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