

Abbreviations

A&E	Accident and emergency
ADR	Adverse drug reactions
AIDS	Acquired immune deficiency syndrome
AMCHAM	American Malaysian Chamber of Commerce
APEC	Asia-Pacific Economic Cooperation
APPL	Approved products purchase list
ARAC	ASEAN Risk Assessment Centre for Food Safety
ARV	Antiretroviral
ASEAN	Association of Southeast Asian Nations
ASIS	Asset and services information system
ASMA	Alam Sekitar Malaysian Sdn Bhd
BAKAS	Bekalan Air dan Kebersihan Alam Sekeliling
BCG	Bacille Calmette-Guerin
BSE	Breast self-examination
CAT	Cultural adaptation template
CDC	Centers for Diseases Control and Prevention
CDCR	Control of Drugs and Cosmetics Regulations
CDs	Communicable diseases
CFS	Certificate of free sale
CGPs	Clinical practice guidelines
CHE	Catastrophic health expenditure
CLD	Causal loop diagram
CMIS	Computerised central management information system
CORFIS	Community-based cardiovascular risk factor intervention strategies
CPGs	Clinical practice guidelines
CPP	Certificate of pharmaceutical product
CRC	Clinical Research Centre
CT	Computed tomography
CWMS	Clinical Waste Management System

DAA	Direct-acting antivirals
DALY	Disability-adjusted life year
DCA	Drug Control Authority
DDT	Dichlorodiphenyltrichloroethane
DEC	Diethylcarbamazine
DG	Director General
DNDi	Drugs for Neglected Diseases Initiative
DOC	Department of Chemistry
DOE	Department of Environment
DoS	Department of Statistics
DOSH	Department of Occupational Safety and Health
DPT	Diphtheria, pertussis, and tetanus
DRG	Diagnosis-related group
DRGD	Drug registration guidance document
DUNas	Dasar Ubat Nasional
EHS	Environmental health services
EIA	Environmental impact assessment
EPF	Employees' Provident Fund
EPU	Economic Planning Unit
EQA	Environmental Quality Act 1974
ESRD	End-stage renal disease
EU	European Union
FCTC	Framework Convention on Tobacco Control
FDA	Food and Drug Administration
FFPAM	Federation of Private Medical Practitioners Associations
FHDD	Family Health Development Division
FMS	Family medicine/Family medicine specialist(s)
FOMEMA	Foreign Workers' Medical Examination
FPAs	Family planning associations
FRHAM	Federation of Reproductive Health Associations, Malaysia
FSWs	Female sex workers
G6PD	Glucose-6-phosphate dehydrogenase
GDP	Gross domestic product
GLCs	Government-linked companies
GMP	Good manufacturing practice
GMS	Government Medical Store
GNP	Gross national product

GP	General practitioner(s)
GU	Government Use Licence
HCV	Hepatitis C virus
HEs	Health experts
HFMD	Hand, foot, and mouth disease
HIA	Health impact assessment(s)
HIC	Health Informatics Centre
HIV	Human immunodeficiency virus
HIV/AIDS	Human immunodeficiency virus infection and acquired immune deficiency syndrome
HMIS	Health and management information system
HMO	Health Maintenance Organisation
HO	House officers
HPRA	Health Policy Research Associates
HPV	Human papillomavirus
HR	Human resources
HRH	Human resources for health
HRWG	Harm Reduction Working Group
HSC	Health sub-centre
HSFS	Health services financing study
HSIP	Hospital-specific implementation plan
HSR	Health systems research
HTA	Health technology assessment
IAQ	Indoor air quality
ICD	International Classification of Diseases
ICT	Information and communication technology
IDs	Influence diagrams
IDUs	Injecting drug users
IHP	Institute for Health Policy
IHSR	Institute for Health Systems Research
ILO	International Labour Organization
IMR	Institute for Medical Research
IPH	Institute for Public Health
IPR	Intellectual property rights
ISO	International Organisation of Standardisation
IT	Information technology
IWK	Indah Water Konsortium
JICA	Japan International Cooperation Agency
JSC	Japan Sanitation Consortium

LB	Live births
LEHAPs	Local Environmental Health Action Plans
LMICs	Low- and middle-income countries
MAB	Medicine Advertisements Board
MAC	Malaysian AIDS Council
MAD	Mutual acceptance of data
MADRAC	Malaysian Adverse Drug Reactions Advisory Committee
MaLRA	Malaysian Leprosy Relief Association
MAP	Master Agreed Procedures
MAPTB	Malaysian Association for the Prevention of Tuberculosis
MBS	Modified budgeting system
MCDA	Multi-criteria decision analysis
MCH	Main health centre/maternal and child health/maternal and child healthcare
MCOs	Managed care organisations
MCQ	Midwife clinic quarters
MDG	Millennium Development Goals
MDT	Multiple drug therapy
MHC	Main health centre
MHLG	Ministry of Housing and Local Government
MHSR	Malaysia Health Systems Research
MHTC	Malaysia Healthcare Travel Council
MIMS	Monthly Index of Medical Specialities
MLT	Medical laboratory technologist
MMC	Malaysian Medical Council
MMR	Measles, mumps, rubella (Chapter 6)/Mass miniature radiography (Chapter 6)/Maternal mortality ratio (Chapter 8)
MMT	Methadone maintenance treatment
MNHA	Malaysia National Health Accounts
MO	Medical officer
MoE	Ministry of Education
MoF	Ministry of Finance
MOH/MoH	Ministry of Health
MOHA	Ministry of Home Affairs
MOHMF	Ministry of Health Medicines Formulary
MPF	Malayan Pharmaceutical Factory

MPP	Medicines patent pool
MPR	Median price compared to international reference price
MPS	Master agreed procedures
MQA	Malaysian Qualifications Authority
MSF	Médecins Sans Frontières
MSM	Men who have sex with men
MSQH	Malaysian Society for Quality in Health
MTAAG+	Positive Malaysia Treatment Access and Advocacy Group
MVP	Medicines, vaccines, and pharmaceuticals
MyCC	Malaysia Competition Commission
MyHDW	Malaysian health data warehouse
MyIPO	Intellectual Property Corporation of Malaysia
MYR	Malaysian ringgit
MYSA	Malaysian Space Agency
NCD	Non-communicable disease
NDWQSP	National Drinking Water Quality Monitoring and Surveillance Programme
NEHAP	National Environmental Health Action Plan
NGO	Non-governmental organisation
NHA	National health accounts
NHMS	National Health and Morbidity Survey(s)
NHMS III	Third National Health and Morbidity Survey 2006
NIH	National Institutes of Health
NKF	National Kidney Foundation
NMCS	National Medical Care Surveys
NMP	National Medicine Policy
NPC	National Pharmaceutical Control Bureau
NPCL	National Pharmaceutical Control Laboratory
NPRA	National Pharmaceutical Regulatory Agency
NSEP	Needle and syringe exchange programme
NSP	National Strategic Plan
OECD	Organisation for Economic Co-operation and Development
OOP	Out of pocket
OOPPs	Out-of-pocket payments
OPDs	Outpatient departments
OTC	Over-the-counter

PAM	Penicillin with 2 per cent aluminium monostearate
PAP	Papanicolaou
PEPAS	Promotion of Environmental Planning and Applied Studies
PET	Positron emission tomography
PHC	Primary healthcare
PhRMA	Pharmaceutical Research and Manufacturers of America
PIC/S	Pharmaceutical Inspection Co-operation Scheme
PIN	Personal identification number
PMD	Prime Minister's Department
PMTCT	Prevention of mother-to-child transmission
PROSTAR	Program Sihat Tanpa AIDS untuk Remaja
PSD	Public Services Division
PSOs	Private sector operators
PVHI	Private voluntary health insurance
PWD	Public Works Department
QAP	Quality assurance programme
QMP	Quality management system
QUALICOPC	Quality and Costs of Primary Care
REAP	Reviewed approach
REAP-WISE	wellness, illness, support services, emergency
Reviewed approach:	information
RESP	Rural environmental sanitation programme
RHS	Rural health service
RM	Malaysian ringgit
RRT	Renal replacement therapy
SARS	Severe acute respiratory syndrome
SDG	Sustainable Development Goal
SEHAPs	State environmental health action plans
SIR	Susceptible infected recovered
SITC	Standard International Trade Classification
SOCSO	Social Security Organisation
SPAN	National Water Services Commission
SPUB	Sistem Pendispensan Ubat Bersepadu
SSD	Sewerage Services Department
STC	Secondary and tertiary care

STs	Systems thinkers
SWD	Solid Waste Department
T&CM	Traditional and complementary medicine
TAPS	Treatment and adherence support programme
TB	Tuberculosis
TBA	Traditional birth attendants
TBIS	Tuberculosis information system
TCM	Traditional and complementary medicine/traditional Chinese medicine
TEH	Total expenditures on health
TG	Transgender people
TGA	Therapeutic Goods Administration
THE	Total health expenditure
TMs	traditional medicines
TPAs	Third-party administrators
TPC	Teleprimary Care
TRIPS	Trade-related aspects of intellectual property rights
TRPI	Technical requirements and performance indicators
TWGs	Thematic working groups
UHC	Universal health coverage
UK	United Kingdom
UN	United Nations
UNCT	UN Country Team
UNDP	United Nations Development Programme
UNFPA	United Nations Population Fund
UNICEF	UN Children's Fund
US	United States
USA	United States of America
WHO	World Health Organization
WIPO	World Intellectual Property Organization
WISE	Wellness, illness, support, emergency and information
WTO	World Trade Organization
YLD	Years of life lost due to disability
YLL	Years of life lost

