

# Abbreviations

A	
ADR	adverse drug reaction
AEFI	adverse events following immunisation
AGSA	Auditor-General of South Africa
AHPCSA	Allied Health Professions Council of South Africa
AHS	Annual Health Statistics
AIDS	Acquired Immune Deficiency Syndrome
AMPS	All Media and Products Survey
ANC	African National Congress
ANC	antenatal care
APP	Annual Performance Plan
ART	antiretroviral therapy
ARV	antiretroviral
ASDRs	age-standardised death rates
ASIRs	age-standardised incidence rates
ASSA	Actuarial Society of South Africa
ATM	African traditional medicines
AZT	azidothymidine (and/or zidovudine)
B	
BAS	Basic Accounting System
BF	Breast feeding
BMI	body-mass index
BMJ	British Medical Journal
BoD	burden of disease
BOR	bed occupancy rate
BP	blood pressure
BTech	Bachelor of Technology
C	
C <sup>2</sup> AIR <sup>2</sup>	caring, competence, accountability, innovation, responsiveness and respect
CAPI	computer-assisted personal interviewing
CARe	Centre for Actuarial Research
CBE	community-based education
CCMDD	Central Chronic Medicines Dispensing and Distribution
CDA	Central Drug Authority
CDC	Centers for Disease Control and Prevention
CDL	Chronic Disease List
CDUs	Chronic Dispensing Units
CDW	Corporate Data Warehouse
CEO	Chief Executive Officer
CFO	Chief Financial Officer
CHAI	Clinton Health Access Initiative
CHC	community health centre
CHP	Centre for Health Policy
CHW	community health worker
CI	confidence interval
CIN 2+	cervical intraepithelial neoplasia grade 2 or greater
CIN	cervical intraepithelial neoplasia [neoplastic – as referred to in text]
CMS	Council for Medical Schemes
CNPs	clinical nurse practitioners
CoGTA	Cooperative Governance and Traditional Affairs
COHSASA	Council for Health Service Accreditation of Southern Africa
CoMMiC	Committee on Mortality and Morbidity in Children
CPA	Cape Provincial Administration
CPD	Continuing Professional Development
CPI	Consumer Price Index

CPRD	Clinical Practice Research Database
CS	community survey
CS	Caesarean section
CS	community service
CSP	Comprehensive Service Plan
CVDs	cardiovascular diseases
<b>D</b>	
DALYs	disability-adjusted life-years
DAS	Disability Assessment Scale
DCS	Department of Correctional Services
DCSTs	District Clinical Specialist Teams
DEX	Disease Expenditure Project
DFLEs	disability-free life expectancies
DH	district hospital
DHB	District Health Barometer
DHIS	District Health Information System
DHIS	District Health Information Software
DHMO	District Health Management Office
DHMT	District Health Management Team
DHS	District Health System
DHS	District Health Service
DIA	diastolic blood pressure
DII	Disability Inequality Index
DNA PCR	deoxyribonucleic acid polymerase chain reaction
DoH	Department of Health
DOTS	Directly Observed Treatment, Short-course
DOTS-Plus	DOTS for drug-resistant tuberculosis
DRG	diagnosis-related group
DR-TB	drug-resistant tuberculosis
DSD	Department of Social Development
DSM-IV	Diagnostic and Statistical Manual of Mental Disorders, 4th edition
DSS	Demographic and Surveillance System
DST	drug susceptibility testing
DTI	Department of Trade and Industry
<b>E</b>	
EC	Eastern Cape
ECD	Early Childhood Development
EDL	Essential Drug List
EDP	Essential Drugs Programme
EFV	efavirenz
EHPs	Environmental Health Practitioners
EID	early infant diagnosis
EML	Essential Medicines List
EMS	Emergency Medical Services
EMTCT	elimination of mother-to-child transmission of HIV
ENDS	electronic nicotine delivery systems
EPA	Entrustable Performance Activity
EPI	Expanded Programme on Immunization
EPWP	Extended Public Works Programme
<b>F</b>	
FC	female condom
FDA	Federal Drug Agency
FMHS	Faculty of Medicine and Health Sciences
FNA	fine-needle aspiration
FP2020	Family Planning 2020
FPGH	Foreign Policy and Global Health

FS	Free State
FY	financial year
<b>G</b>	
GATHER	Guidelines for Accurate and Transparent Health Estimate Reporting
GBD	Global Burden of Disease
GDP	gross domestic product
GEAR	Growth, Employment and Redistribution programme
GHS	General Household Survey
GLOBOCAN 2012	Global Burden of Cancer Study 2012
GP	Gauteng Province
GPP	Good Pharmacy Practice
GSH	Groote Schuur Hospital
GSHS	global school-based student health survey
GYTS	Global Youth Tobacco Survey
<b>H</b>	
HALE	healthy life expectancy
HARP	human papillomavirus
HASA	Hospital Association of South Africa
HCT	HIV counselling and testing
HCWs	healthcare workers
HDI	Human Development Index
HDR	Human Development Report
HDSS	Health Demographic and Surveillance System
HE <sup>2</sup> RO	Health Economics and Epidemiology Research Office
HEAIDS	Higher Education and Training HIV/AIDS Programme
HER2	human epidermal growth factor receptor 2
HF	health facility
HICs	high-income countries
HISP	Health Information Systems Program
HITAP	Health Intervention and Technology Assessment Program
HIV	Human Immunodeficiency Virus
HIV+	HIV-positive
HLG-PCCB	High-level Group for Partnership, Co-ordination and Capacity-building
HoD	Head of Department
HPCSA	Health Professions Council of South Africa
HPRS	Health Patient Registration System
HPV	human papillomavirus
HPV DNA	human papillomavirus deoxyribose nucleic acid
HR	Human Resources
HREC	Human Research Ethics Committee
HRH	human resources for health
hrHPV	high-risk human papillomavirus
HS	health system
HSIL	high-grade squamous intra-epithelial lesion
HSP	Health Services Package
HSRC	Human Sciences Research Council
HST	Health Systems Trust
HTA	Health Technology Assessment
<b>I</b>	
IARC	International Agency for Research on Cancer
IC	Ideal Clinic
ICD	International Classification of Disease
ICDM	Integrated Chronic Disease Management
ICO	Institut Catalán d'Oncologica
ICRM	Ideal Clinic Realisation and Maintenance
ICSM	Integrated Clinical Services Management
ICT	Information and Communication Technology

IEC	Information, Education and Communication
IES	Income and Expenditure Survey
IES LBPL	IES lower-bound poverty line
IES UBPL	IES upper-bound poverty line
IFPRI	International Food Policy Research Institute
IGFR	Intergovernmental Fiscal Review
IGME	Inter-agency Group for Child Mortality Estimation
IHD	ischaemic heart disease
IHME	Institute for Health Metrics and Evaluation
IKS	indigenous knowledge systems
IMCI	Integrated Management of Childhood Illness
iMMR	institutional maternal mortality ratio
IMR	infant mortality rate
INH	Isoniazid
INRUD	International Network for Rational Use of Drugs
IPECP	inter-professional education and collaborative practice
IT	Information Technology
ITG	Industry Task Group
IUCD	intrauterine contraceptive device
IVDs	in vitro diagnostics
<b>K</b>	
KI	key informant
KZN	KwaZulu-Natal
KZN PTC	KwaZulu-Natal Pharmacy and Therapeutics Committee
<b>L</b>	
LCBOs	low-cost benefit options
LFS	Labour Force Survey
LG	local government
LIC	longitudinal integrated clerkship
LL	lower limit
LMICs	low- and middle-income countries
LMIS	Logistics Management Information System
LP	Limpopo Province
LPA	Line Probe Assay
LSIL	low-grade squamous intra-epithelial lesion
LTBI	latent TB infection
<b>M</b>	
MAC	Ministerial Advisory Committee
MBChB	Bachelor of Medicine and Bachelor of Surgery
MC	male condom
MCA	Marketing Code Authority
MCC	Medicines Control Council
MCH	maternal and child health
MDGs	Millennium Development Goals
MDR-TB	multidrug-resistant tuberculosis
MEC	Member of the Executive Council
MHFs	Migrant Health Forums
MIC	Medicines Information Centre
Mini-CEX	Mini-Clinical Evaluation Exercise
MIS	management information system
MMC	medical male circumcision
MMR	maternal mortality ratio
MOSASWA	Mozambique, South Africa and Swaziland
MP	medical practitioner
MP	Mpumalanga Province
MRC	Medical Research Council
MRI	magnetic resonance imaging

MRU	Maternal and Child Health Research Unit
MSF	Médecins Sans Frontières
MSH	Management Sciences for Health
MSM	men who have sex with men
MTBDRS	rapid GenoType TB test detecting DR-TB and XDR-TB
MTBPS	Medium-term Budget Policy Statement
MTCT	mother-to-child transmission (of HIV)
MTEF	Medium-term Expenditure Framework
MYE	mid-year estimates
<b>N</b>	
N/A	none/not applicable
NADEMC	National Adverse Drug Event Monitoring Centre
NAFCI	National Adolescent-friendly Clinic Initiative
NaPeMMCo	National Perinatal Mortality and Morbidity Committee
NAPHISA	National Public Health Institute of South Africa
NC	Northern Cape
NCCEMD	National Committee on Confidential Enquiries into Maternal Deaths
NCD	non-communicable disease
NCD-RisC	Non-Communicable Diseases Risk Factor Collaboration
NCR	National Cancer Registry
NCS	National Core Standards
NDMP	National Drug Master Plan
NDoH	National Department of Health
NDP	National Development Plan
NDP	National Drug Policy
NDPC	National Drug Policy Committee
NeXT	An Open-label RCT to Evaluate a New Treatment Regimen for Patients with Multidrug-resistant Tuberculosis
NFCS	National Food Consumption Survey
NGOs	non-governmental organisations
NHA	National Health Act
NHC	National Health Council
NHI	National Health Insurance
NHISSA	National Health Information System of South Africa
NHLS	National Health Laboratory Service
NHLS CDW	National Health Laboratory Service Corporate Data Warehouse
NHLS PCR	National Health Laboratory Service polymerase chain reaction
NHS	National Health Service
NICD	National Institute for Communicable Diseases
NICE	National Institute for Health and Care Excellence
NIDS	National Indicator Data Set
NiDs	National Income Dynamics Study
NIKSO	National Indigenous Knowledge Systems Office
NIMART	nurse-initiated management of antiretroviral therapy
NIOH	National Institute for Occupational Health
NiX-TB	New Investigational Drugs for XDR-TB (trial)
NMR	neonatal mortality rate
NPO	non-profit organisation
NPS	National Prescribing Service
NSNP	National School Nutrition Programme
NSP	National Strategic Plan
NSSIs	non-standard stock items
NTDs	neglected tropical diseases
NVP	nevirapine
NW	North-West Province
NYRBS	National Youth Risk Behaviour Survey

<b>O</b>	
OECD	Organisation for Economic Co-operation and Development
OHS	October Household Survey
OHSC	Office of Health Standards Compliance
OPD	outpatient department
OSD	Occupation-specific Dispensation
OST	opioid substitution therapy
<b>P</b>	
PAE	physician-assisted euthanasia
PAF	population-attributable fraction
PAS	physician-assisted suicide
PBCRs	population-based cancer registries
PCGCs	provincial clinical governance committees
PCR	polymerase chain reaction
PDE	patient-day equivalent
PDOH	Provincial Department of Health
PDSA	Plan-Do-Study-Act
PEPFAR	(United States) President's Emergency Plan for AIDS Relief
PER/BDS	pregnancy exposure registry/birth defect surveillance
PERSAL	Government personnel administration system
PGWC	Provincial Government Western Cape
PHC	primary health care
PM	particulate matter
PMA	Pharmaceutical Manufacturers' Association
PMB	Prescribed Minimum Benefit
PMDS	Performance Management and Development System
PMTCT	prevention of mother-to-child transmission (of HIV)
PPIP	Perinatal Problem Identification Programme
PR	peer reviews
PrEP	pre-exposure prophylaxis
Pre-XDR-TB	pre-extensively drug-resistant tuberculosis
PRICELESS SA	Priority Cost Effective Lessons for System Strengthening South Africa
PRIME	Programme for Improving Mental Health Care
PTB	positive tuberculosis diagnosis
PTC	Pharmaceutical and Therapeutics Committee
PV	pharmacovigilance
PWID	people who inject drugs
<b>Q</b>	
QI	Quality Improvement
<b>R</b>	
RCS	Rural Clinical School
REF	Risk Equalisation Fund
RIF	rifampicin
RMP	Risk Management Plan
RMR-TB	rifampicin mono-resistant TB
RMS	Rapid Mortality Surveillance
RPM Plus	Rational Pharmaceutical Management Plus
RR-TB	rifampicin-resistant tuberculosis
RTMC	Road Traffic Management Corporation
RXH	Red Cross Hospital
<b>S</b>	
SA	South Africa
SABSSM	South African National HIV Prevalence, Incidence and Behaviour Survey or South African HIV/AIDS behavioural risks, sero-status and media impact survey
SACENDU	South African Community Epidemiology Network on Drug Use
SADAP	South African Drug Action Programme
SADC	Southern African Development Community

SADHS	South Africa Demographic and Health Survey
SAGE	Study on global AGEing and adult health
SAHMS	South African Health Monitoring Study
SAHPRA	South African Health Products Regulatory Authority
SAHR	South African Health Review
SAMF	South African Medicines Formulary
SAMHS	South African Military Health Services
SAMJ	South African Medical Journal
SAMMDRA	South African Medicines and Medical Devices Regulatory Authority
SAMRC	South African Medical Research Council
SANAC	South African National AIDS Council
SANBS	South African National Blood Services
SANC	South African Nursing Council
SANHANES-1	South African National Health and Nutrition Examination Survey
SAPC	South African Pharmacy Council
SAPMTCTEs	South African Prevention of mother-to-child transmission evaluations
SAPS	South African Police Service
SASH	South African Stress and Health
SASSA	Social Security Agency of South Africa
SAVACG	South African Vitamin A Consultative Group
SCA	Supreme Court of Appeal
SCM	supply-chain management
SDGs	Sustainable Development Goals
SDH	social determinants of health
SDI	Socio-demographic Index
SEP	single exit price
SEPA	single exit price adjustment
SEQ	socio-economic quintile
SIAPS	Systems for Improved Access to Pharmaceuticals and Services
SL	second-line
SOWC	State of the World's Children Report
SPS	Strengthening Pharmaceutical Systems
sq.m	square metres
SSBs	sugar-sweetened beverages
SSIs	standard stock items
SSP	Stop Stock Outs Project
StatsSA	Statistics South Africa
STEPS	STEPwise approach to non-communicable disease risk factor surveillance
STGs	standard treatment guidelines
STIs	sexually transmitted infections
STREAM	Standardised Treatment Regimen of Anti-tuberculosis Drugs for Patients with MDR-TB
SU	Stellenbosch University
SVS	Stock Visibility System
SYS	systolic blood pressure
<b>T</b>	
TB	tuberculosis
TBF	Tiger Brands Foundation
TBH	Tygerberg Hospital
TIMS	TB in the Mines
TMIH	Tropical Medicine and International Health
TNCs	transnational corporations
ToP	termination of pregnancy
TSR	Targeted Spontaneous Reporting
<b>U</b>	
U5MR	under-5 mortality rate
UCT	University of Cape Town
UHC	universal health coverage

UHI	Urban Health Index
UK	United Kingdom
UL	upper limit
UN	United Nations
UNAIDS	(Joint) United Nations Programme on HIV and AIDS
UNFPA	United Nations Fund for Population Activities
UNICEF	United Nations Children's Fund
US	United States of America
USA	United States of America
USAID	United States Agency for International Development
<b>V</b>	
VAT	Value-added Tax
VIA	Visual inspection with Acetic Acid
VR	virologic response
<b>W</b>	
WASH	Water, Sanitation and Hygiene for All
WBOTs	Ward-based Outreach Teams
WC	Western Cape
WHA	World Health Assembly
WHB	wash-hand basin
WHO	World Health Organization
WHO AFRO	World Health Organization Regional Office for Africa
WHO CSDH	WHO Commission on the Social Determinants of Health
WHO-SAGE	WHO Study on global AGEing and adult health
WHR	waist-to-hip ratio
WISN	Workload Indicators of Staffing Needs
WMR	World Malaria Report
WPBTS	Western Province Blood Transfusion Services
<b>X</b>	
XDR-TB	extensively drug-resistant tuberculosis
<b>Y</b>	
YLDs	years lived with disability
YLLs	years of life lost