

NKRA 14: Healthy and Caring Society enhanced

Lead Agency: Ministry of Health

Collaborating Agencies: Jigme Dorji Wangchuck National Referral Hospital, Khesar Gyalpo University of Medical Sciences of Bhutan, Drug Regulatory Authority, Bhuatn Narcotics Control Agency, Bhutan Health Trust Fund, Bhutan Olympic Committee, Dratshang Lhentshog, National Commission For Women And Children, Royal Bhutan Police, Bhutan Medical and Health Council

AKRA	Key Performance Indicators	Description	Unit	Baseline (Year)	Baseline	Target	Data Collection methodology	Data source	Data Collection Frequency	Responsible Agency
1. Improved access to quality health care services that is inclusive, responsive and equitable	% of population within 2 hours to the nearest health facility	This indicator measures proportion of population with access (by any means of transportation) to any health facility within 2 hrs	Percentage	2012	71.9	80	Survey	National Health Survey	Annually	MoH
	Patient satisfaction rate	This indicator measures satisfaction level of persons (10-75 years) who visited health facility during the past one year of the survey	Percentage	2012	92.1	>95	Survey	National Health Survey	Annually	MoH
	% of hospital acquired infection	This indicator measures the percentage of hospital acquired infections for the in patients within 48 hours of admission in health facilities where surgical services are available	Percentage	2016	20	Reduce by 0.5	Based on point prevalence survey protocol	Infection Control Program data source	Annually	MoH
	% of private expenditure (OOP) on health as % of total health expenditure	This indicator measures proportion of expenditure incurred by households out of pocket to total health expenditure. The OOP currently includes cost incurred for transportation.	Percentage	2012-13	25	<25	Survey	National Health Accounts	Annually	MoH
	Proportion of health facilities providing diagnostic	This indicator measures the proportion of health facilities (BHU I and Hospitals) providing diagnostic (Bio-chemistry, hematology, X-ray and USG)	Percentage	2016	52.4	>90	Program Assessment	Administrative data	Annually	MoH
	% of essential medicines available at all health facilities at any point of time	This indicator measures the % of essential medicine available at all health facilities (as per the standard) at any point of time	Percentage	2016	90	95.00	On line inventory	eBMSIS	Real time basis	MoH
	% of standard medical consumables at all health facilities available at any point of time	This indicator measures the % of standard medical consumables available at all health facilities (as per the standard) at any point of time	Percentage	2016	90	90	On line inventory	eBMSIS	Real time basis	MoH
	% of medical equipment functional at all health facilities at any point of time	This indicator measures the % of medical equipments functional at all health facilities at any point of time	Percentage	2016	90	90	On line inventory	eBMSIS	Real time basis	MoH
	Outpatient visit per capita	This indicator measures the no. of outpatient visit (both old and new cases) each population would make to avail Traditional Medicine Services	Number	2016	0.25	TBC	Patient Information System	Annual TM Reports	Annually	MoH
	% of essential traditional medicines available at all health facilities at any point of time	This indicator measures the % of essential traditional medicine available at all health facilities (as per the standard) at any point of time	Number	2016	39.5	55	Program Assessment	Program Report	Annually	MoH

Increase in Capital Fund	This indicator measures the total capital fund of the Trust Fund	Billion	2016	1.5	3	Program Assessment	Program Report	Annually	BHTF
No. of health workers with specialized training	This indicator measures the number of health workers availing specialized training (<i>PG Residency, Masters, Dialysis & Preoperative, ICU, etc.</i>)	Number	2016	NA	57	Program Assessment	Administrative report	Annually	KGUMSB
No. of new services introduced	Number of new services that will be introduced in JDWNRH	Number	2016	NA	5	Program Assessment	Administrative report	Annually	JDWNRH
Neonatal Mortality Rate (per 1000 live births)	The indicator refers to the number of deaths of children below 28 days. It is calculated as $\frac{\text{number of children below 28 days}}{\text{number of live births in a year}} \times 1000$	Percentage	2012	21	15.9	Survey/Assessment	National Health Survey	5 yearly/Annually	MoH
ANC coverage of atleast 8 visits	This indicator measures the coverage of atleast 8 ANC visits by a pregnant women	Percentage	2012	26.1	40	Survey	National Health Survey/Program Assessment	Annually	MoH
PNC visit Coverage	This indicator measures the % of women aged 15-49 years who has Postnatal check for their most recent births in the past 2 years	Percentage	2012	74.6	80	Survey	National Health Survey/Program Assessment	Annually	MoH
Institutional delivery Rate	This indicator measures the % of deliveries at health facilities as % to total deliveries	Percentage	2012	73.7	90	Survey/Assessment	Program Assessment/HMIS	Annually	MoH
Contraceptive prevalence rate	Contraceptive prevalence is the percentage of women who are currently using, or whose sexual partner is currently using, at least one method of contraception, regardless of the method used. It is usually reported for married or in-union women aged 15 to 49	Percentage	2010	65.6	70	Survey/Assessment	BMICS/Program Assessment	5 yearly/Annually	MoH
Adolescent Birth Rate	This indicator measures the number of live births per 1,000 adolescent women (15-19 years)	Percentage	2012	28.4	TBC	Survey	National Health Survey	Five yearly	MoH
% of population aged 18-75 years who currently use alcohol	This indicator measures the of population between 18-75 years old who currently use alcohol (drank alcohol in the past month preceding the survey)	Percentage	2012	30.8	Reduce by 10	Survey	National Health Survey	5 - 10 yearly	MoH
Hepatitis B incidence among pregnant women attending ANC	The indicator measures the new Hepatitis among pregnant women visiting ANC	Number	TBC	NA	TBC	Survey/Assessment	Hepatitis B survey/assessment	Annually	MoH
Proportion of women screened by Pap smear (25-65 years)	The indicator measures proportion of women screened by pap smear.	Percentage	2012	45	TBC	Survey/Assessment	National Health Survey	Annually	MoH
MDR-TB prevalence among new TB patients	The indicator measures the prevalence of MDR-TB (Multi Drug Resistant TB) among all new TB cases	Percentage	2013	5	3	Assessment	WHO regional Annual TB report	Annually	MoH

2. Prevention, Promotion and rehabilitation services improved

Zero reporting of indigenous malaria cases	The indicator measures the no. of Dzongkhags reporting zero incidences of indigenous malaria.	Number	2016	15	0	Assessment	Administrative Data	Annually	MoH
Leprosy Incidence	The indicator measures no of Leprosy cases per 10, 000 population	Number	2016	<1 per 10,000	Sustained	Assessment	Administrative Data	Annually	MoH
Immunization Coverage under <1yr population	This indicator would measure the immunization coverage for <1 year for DTP-Hep.B-Hib and Measles, Mumps and Rubella (MMR)	Number	2016	95	98	Assessment	Administrative Data	Annually	MoH
% of population living with HIV detected	This indicator measures the % of population living with HIV detected based on the UN estimates	Percentage	2016	60.8	95	Assessment	Administrative Data	Annually	MoH
Prevalence of diabetes	The indicator measures the percentage of people with raised blood sugar/glucose (based on plasma venous value of blood glucose greater than or equal to 126 mg/dl and including those on medication).	Percentage	2014	6.4	6.4	Survey	WHO, STEPS	5 yearly	MoH
Raised Blood Pressure	The indicator measures the percentage of population who are currently on medication due to raised BP (SBP>=140 and/or DBP>90mm/Hg)	Percentage	2014	35.7	27	Survey	WHO, STEPS	5 yearly	MoH
Proportion of elderly population reached through Community Based Elderly care services	This indicator measures number of health facilities (BHU II, BHU I and Hospitals) providing community based elderly care services. Elderly population is defined as those aged 65 years and above	Percentage	2016	50	>90	Assessment	Administrative Data	Annually	MoH
% of tobacco users among youth	This indicator measures the % of tobacco users among youth (13-15 years)	Percentage	2013	30.3	25	Survey	GYTS	5 yearly	BNCA
Proportion of detoxified clients rehabilitated	This indicator measures the proportion of detoxified clients rehabilitated	TBC	TBC	TBC	TBC	Program Assessment	Administrative Data	Annually	BNCA
Population participating in sports	The indicator measure the urban population playing various sports in the country	Percentage	2016	57.5	70	Program Assessment	Administrative Data	Annually	BoC
Targeted intervention for the children in need of care and protection	The indicator measures the strategies and implementation of the National Plan of Action on Child Protection.	Number	2016	3	7	Program Assessment	Administrative Data	Annually	NCWC/Dratshang Lhentshog
Percentage of youth and children involved in crime	The indicator measures % of youth and children who are engaged in crime and in conflict with law	Percentage	2016	0.087	0.087	Program Assessment	Administrative Data	Annually	RBP
Targeted intervention for elderly monks/nuns	This indicator measures the no. of targeted programs and projects specially aimed to address the needs of elderly monks and nuns	Number	2016	1	2	Program Assessment	Administrative Data	Annually	Dratshang Lhentshog

3. Governance and regulation of health services strengthened	No. of health facilities complying with Healthcare services regulations	This indicator measures the number of health care services (both private and government) complying with the Regulation on health care services	Number	2016	NA	All health facilities	Program Assessment	Administrative Data	Annually	BMHC
	Proportion of regulatory services reflected in regulation/procedures complying with TAT	It measures number of SOPs with TATs implemented fully in respect to time line for issuance of all regulatory certifications and technical authorizations	Percentage	2016	NA	90	Program Assessment	Administrative Data	Annually	DRA
4. Efficiency, effectiveness in delivery of health services strengthened	National OPD waiting time	This indicator measures the time taken by a patient from registration till meeting with doctor (between 9-11 am)	Minutes	2015	16.5	TBC	Administrative data	HAMT Report	Annually	MoH
	Average length of stay	This indicator measures the average no. of days each patient would stay as in-patient at a health center (BHU I and Hospitals)	Number of Days	2015	5.5	3 to 4	Administrative data	HAMT Report	Annually	MoH
	C-section Rate	This indicator measures the rate of C-section as proportion to total deliveries in the country	Percentage	2015	NA	<15	Assessment	Program Assessment	Annually	MoH
	Proportion of budget allocated spent	This indicator measures the proportion of annual budget spent as % to the annual total budget allocated for the Ministry of Health and all collaborating partners	Percentage	2016-2017	85	90	Assessment	Administrative Data	Annually	MoH
	Total Health Expenditure as % of GDP	This indicator measures % of total health expenditure as % to Gross Domestic Product	Percentage	2014	3.6	5	Survey/Assessment	National Health Accounts/ Annual Budget Assessment	Annually	MoH
	TAT for land ambulance maintained	This indicator measures the time taken to dispatch an ambulance (land) after receipt of request through HHC	Minutes	2016	<10	Sustain	Assessment	HHC Report	Annually	MoH
	TAT for air ambulance	This indicator measures the time taken to dispatch an ambulance (helicopter) after receipt of request through HHC	Minutes	2016	<45	<30	Assessment	HHC report	Annually	MoH
	Number of health facilities with functional telemedicine facilities	This indicator measures the number of health centers which have been supplied with equipment required for telemedicine conducting tele consultations on regular basis.	Number	2016	14	25	Assessment	Administrative Data	Annually	MoH
	Number of health facilities with electronic patient information system	This indicator measures the number of health facilities using ePIS to maintain patient information	Number	2016	NA	All health facilities	Assessment	Administrative Data	Annually	MoH
	No. of Hospitals with 3 doctors	This indicator measures the no. of Hospitals with minimum of 3 doctors	Number	2016	18	All Hospitals	Assessment	Administrative Data	Annually	MoH
	Nurse to Bed Ratio	This indicator measures number of beds each nurse has to attend to	Number	2016	1:7	1:6	Assessment	Administrative Data	Annually	MoH
No. of drugtshos in Dzongkhag	This indicator measures the no. of Drugtshos in each dzongkhag	Number	2016	1	2	Assessment	Administrative Data	Annually	MoH	

