Department of Health Research

1. Setting up of nationwide network of laboratories for managing epidemics and national calamities (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2019-20			OUTCOME 2019-20		
2019-20	**Output**	**Indicators**	**Targets 2019-20**	**Outcome**	**Indicators**	**Targets 2019-20**
80	1. Enabling Environment: Infrastructure, research and training to manage and investigate outbreaks/epidemics and emerging and/re- emerging viruses	1.1. Number of research studies conducted by the network of labs during the year	2	1. Timely diagnosis of epidemics and availability of trained Viral Research & Diagnostic Professionals at Medical College, State Level and regional level Laboratories.	1.1. Number of labs verified for Quality assurance (10% of sample/results to be counter checked by apex labs)	60
		1.2. Number of labs monthly reporting results to the apex 1.3. authority (NIE Chennai)	80		1.2. Number of virology personnel trained per year	40
		1.4. Number of labs which can identify 25 strains	50			
	2. Catalytic Change: Presence of research and training labs at regional and state level	2.1. Number of regional level labs built.	1			
		2.2. Number of State level labs built.	5			
		2.3. Number of medical college level labs built.	24			
		2.4. No. of virus identified at each				17

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2019-20			OUTCOME 2019-20		
2019-20	**Output**	**Indicators**	**Targets 2019-20**	**Outcome**	**Indicators**	**Targets 2019-20**
		level:				
		(i) Regional	35			
		(ii) State	>25			
		(iii) Medical College	>20			
		2.5. No. of outbreak investigation done	100			
		2.6. Number of samples tested per year	125000			

2. Development of Infrastructure for Promotion of Health Research (CS)

FINANCIAL OUTLAY (Rs. in Cr)	OUTPUTS 2019-20			OUTCOMES 2019-20		
2019-20	**Output**	**Indicator(s)**	**Target 2019-20**	**Outcome**	**Indicator(s)**	**Target 2019-20**
73	1. Establishment of Model Rural Health Research Unit: Creation of infrastructure and enabling environment for research at rural areas.	1.1. Number of MRHRUs established	7	1. Establishment of Model Rural Health Research Unit: Operationalization of Model Rural Health Research Units	1.1. Increase in Health Research studies/proje cts at Rural Areas.	16
		1.2. Number of research studies/ projects under taken at each MRHRU	32		1.2. Increased in transfer of new technologies for improving the quality of health services to rural population.	1
		1.3. Number of research studies/ projects completed at MRHRUs.	10			
		1.4. Number of research papers published/ presented/ patents filed on new clinically/public health relevant knowledge generated.	18			
		1.5. Number of transfer of new technologies	2			

FINANCIAL OUTLAY (Rs. in Cr)	OUTPUTS 2019-20			OUTCOMES 2019-20		
2019-20	**Output**	**Indicator(s)**	**Target 2019-20**	**Outcome**	**Indicator(s)**	**Target 2019-20**
	2. Establishment of Multi Disciplinarily Research Unit at Medical College: Creation of infrastructure and enabling environment for research at Medical Colleges	2.1. Number of MDRUs established at Medical Colleges	12	2. **Establishment of Multi Disciplinarily** Research Unit at Medical College : Operationalization of Multi-Disciplinary Research Units at Medical Colleges	2.1. Increase in Health Research activities at Govt. Medical Colleges/Research Institutions.	14
		2.2. Number of MDRUs functional	42		2.2. Initiation to development of Diagnostic kits/technologies for Non-communicable & Communicable diseases	*
		2.3. Number of research studies/ projects undertaken at each MDRU	84			
		2.4. Number of research studies/projects completed at MDRUs	18			
		2.5. Number of research papers published/ presented/ patents filed on new clinically/publi	32			20

FINANCIAL OUTLAY (Rs. in Cr)	OUTPUTS 2019-20			OUTCOMES 2019-20		
2019-20	Output	Indicator(s)	Target 2019-20	Outcome	Indicator(s)	Target 2019-20
		c health relevant knowledge generated				
		2.6. Number of new technologies developed for introduction into the public health system	*			
		2.7. Number of leads converted into patents/products/process for used in public health services	**			

Targets not amenable for this indicator

**Indicator is demand driven*

3. Human Resource and Capacity Development (CS)

FINANCIAL OUTLAY 2019-20	OUTPUTS 2019-20			OUTCOMES 2019-20		
2019-20	**Output**	**Indicator(s)**	**Target 2019-20**	**Outcome**	**Indicator**	**Target 2019-20**
87	1. Enabling Environment for Research	1.1. No. of fellowship awarded. (HRD)	65	1. Training to develop and take up research projects on major health problems	1.1. % of completion of research studies (i) GIA (ii) HRD	GIA 56% HRD 25%
		1.2. No. of start-up projects undertaken by trainees/ fellows. (HRD)	30		1.2. % of start-up projects undertaken by fellows: HRD	50%
		1.3. No. of researchers trained by the institutes supported. (HRD)	12 institutes will be granted to train at least 100 fellow/faculty		1.3. No. of evidence based guidelines issued on Health Technology Assessment (HTA)	10
		1.4. No. of research projects undertaken. (i) GIA (ii) HRD	GIA : 41 HRD : Young Scientist - 45 & Women Scientist-45		1.4. No of new topics for Health Technology Assessment	30
		1.5. No. of research projects completed. (i) GIA (ii) HRD	GIA : 136 HRD : 25			

FINANCIAL OUTLAY	OUTPUTS 2019-20				OUTCOMES 2019-20		
2019-20	**Output**		**Indicator(s)**	**Target 2019-20**	**Outcome**	**Indicator**	**Target 2019-20**
		1.6.	No. of research paper published/ presented on new clinically/public health relevant knowledge generated. (i) GIA (ii) HRD	GIA : 15 HRD : 30			
		1.7.	No. of leads converted into patents/products/ process for used in public health services (i) GIA (ii) HRD	GIA : 5 HRD 2			
		1.8.	No. of Cost effective and indigenous diagnostic kits developed (i) GIA (ii) HRD	GIA: 3 HRD : none			
		1.9.	No. of guidelines for protocols /devices developed in major identified diseases. (i) GIA (ii) HRD	GIA : 2 HRD: None			

4. **Development of tools/support to prevent outbreaks of epidemics (CS)**

FINANCIAL OUTLAY	OUTPUTS 2019-20				OUTCOMES 2019-20		
2019-20	**Output**		**Indicator(s)**	**Target 2019-20**	**Outcome**	**Indicator (s)**	**Target 2019-20**
7.35	1. Providing Diagnostic Kits and reagents to investigate outbreaks/epidemics of emerging and/re- emerging viruses		1.1. Number of labs investigated outbreaks actively during the year	100	1. Research activity for preparedness and to generate quality and uniform pan India data	1.1. Number of Research activities initiated.	2
			1.1. Number of etiological agent for which diagnostic kits to be supplied to each labs	3			
	1. Providing Training to labs for capacity building by Resource Centre (NIV, Pune)		2.1. Number of trainings to be imparted by RC	8			
	2. Providing diagnostics for non-viral infectious pathogens		2.2. Number of labs strengthen for diagnosis of non-viral pathogens	50			