

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 2020-21			OUTCOME 2020-21		
	2020-21	Output	Indicators	Targets 2020-21	Outcome	Indicators
83.00	1. Enabling Environment: Infrastructure, research and training to manage and investigate outbreaks/epidemics and emerging and/re-emerging viruses	1.1. Number of multi-centric 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 parameters	50
		1.2. Number of labs monthly reporting results to the apex authority (NIE Chennai)	105		1.2. Number of virology personnel trained per year	50
	2. Catalytic Change: Presence of research and training labs at regional and state level	2.1. Number of regional level labs built.	2			
		2.2. Number of State level labs built.	3			
		2.3. Number of medical college level labs built.	10			
		2.4. No. of labs which have the capacity to identify major viruses for public				

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2020-21			OUTCOME 2020-21			
	2020-21	Output	Indicators	Targets 2020-21	Outcome	Indicators	Targets 2020-21
			health importance				
			(i) Regional	9			
			(ii) State	22			
			(iii) Medical College	74			
			2.5. No. of outbreak investigation done	100			
			2.6. Number of samples tested per year	150000			

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

FINANCIAL OUTLAY (Rs. in Cr)	OUTPUTS 2020-21			OUTCOMES 2020-21		
	2020-21	Output	Indicator(s)	Target 2020-21	Outcome	Indicator(s)
80.00	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	5	1. Establishment of Model Rural Health Research Unit: Operationalization of Model Rural Health Research Units	1.1. Increase in Health Research studies/projects at Rural Areas.	10
		1.2. Number of research studies/ projects under taken at each MRHRU	25		1.2. Increased in transfer of new technologies for improving the quality of health services to rural population.	0
		1.3. Number of research studies/ projects completed at MRHRUs.	6			
		1.4. Number of research papers published/ presented/ patents filed on new clinically/public health relevant knowledge generated.	4			
		1.5. Number of transfer of new technologies	1			

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<i>2020-21</i>	<i>Output</i>	<i>Indicator(s)</i>	<i>Target 2020-21</i>	<i>Outcome</i>	<i>Indicator(s)</i>	<i>Target 2020-21</i>
	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	10	2. Establishment of Multi Disciplinarily Research Unit at Medical College : Operationalization of Multi-Disciplinarily Research Units at Medical Colleges	2.1. Increase in Health Research activities at Govt. Medical Colleges/Research Institutions.	25
2.2. Number of MDRUs functional		56	2.2. Initiation to development of Diagnostic kits/technologies for Non-communicable & Communicable diseases		0	
2.3. Number of research studies/ projects undertaken at each MDRU		120				
2.4. Number of research studies/projects completed at MDRUs		25				

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<i>2020-21</i>	<i>Output</i>	<i>Indicator(s)</i>	<i>Target 2020-21</i>	<i>Outcome</i>	<i>Indicator(s)</i>	<i>Target 2020-21</i>
		2.5. Number of research papers published/presented/patents filed on new clinically/public health relevant knowledge generated	38			
		2.6. Number of new technologies developed for introduction into the public health system	1			
		2.7. Number of leads converted into patents/product s/process for used in public health services	1			

3. Human Resource and Capacity Development (CS)

FINANCIAL OUTLAY	OUTPUTS 2020-21			OUTCOMES 2020-21		
2020-21	Output	Indicator(s)	Target 2020-21	Outcome	Indicator(s)	Target 2020-21
92.00	1. Enabling Environment for Research	1.1.No. of fellowship awarded. (HRD)	HRD : 100	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: 95% HRD: 85%
		1.2.No. of start-up projects undertaken by trainees/ fellows. (HRD)	HRD: 5		1.2. % of start-up projects undertaken by fellows: HRD	HRD: 60%
		1.3.No. of researchers trained by the institutes supported. (HRD)	HRD: 100		1.3. No. of evidence based guidelines issued on Health Technology Assessment (HTA)	HTA: 10
		1.4.No. of research projects undertaken. (i) GIA (ii) HRD	GIA: 20 HRD: 80		1.4. No of new topics for Health Technology	HTA: 30

FINANCIAL OUTLAY	OUTPUTS 2020-21			OUTCOMES 2020-21		
<i>2020-21</i>	<i>Output</i>	<i>Indicator(s)</i>	<i>Target 2020-21</i>	<i>Outcome</i>	<i>Indicator(s)</i>	<i>Target 2020-21</i>
		1.5.No. of research projects completed. (i) GIA (ii) HRD	GIA: 105 HRD: 20		Assessment	
		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: 3 HRD: NA			
		1.8.No. of Cost effective and indigenous diagnostic kits developed (i) GIA (ii) HRD	GIA: 3 HRD: NA			
		1.9.No. of guidelines for protocols /devices developed in major identified diseases. (i) GIA	GIA: 1 HRD: NA			

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<i>2020-21</i>	<i>Output</i>	<i>Indicator(s)</i>	<i>Target 2020-21</i>	<i>Outcome</i>	<i>Indicator(s)</i>	<i>Target 2020-21</i>
		(ii) HRD				

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

FINANCIAL OUTLAY	OUTPUTS 2020-21			OUTCOMES 2020-21		
	2020-21	Output	Indicator(s)	Target 2020-21	Outcome	Indicator(s)
7.29	1. Providing Diagnostic Kits and reagents to investigate outbreaks/epidemics of emerging and/re- emerging viruses	1.1. Number of labs which have provide confirmation of etiology of the outbreak during the year	40	1. Providing diagnostics for non-viral infectious pathogens	1.1. Number of labs strengthen for diagnosis of non-viral pathogens	50
		1.2. Number of etiological agent for which diagnostic kits to be supplied to each labs	6			
	2. Providing Training to labs for capacity building by Resource Centre (NIV, Pune)	2.1. Number of trainings to be imparted by RC	5			