

Department of Health Research

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

FINANCIAL OUTLAY (Rs in Cr) ¹	OUTPUTS 2023-24			OUTCOMES 2023-24		
	2023-24	Output	Indicators	Targets 2023-24	Outcome	Indicators
60.00	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	4	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	142
		1.2 Number of labs reporting results to the apex authority (NIE Chennai)	142			1.2. Number of labs reporting results in ≤ 72 hrs of receipt of clinical specimen
		1.3 Number of personnel trained	100			
	2. Catalytic Change: Presence of research and training labs at regional and state level	2.1 Number of regional level labs built.	0			
		2.2 Number of State level labs built.	0			
		2.3 Number of medical college level labs built.	8			

¹Financial outlay and targets as per proposed BE

FINANCIAL OUTLAY (Rs in Cr) ¹	OUTPUTS 2023-24			OUTCOMES 2023-24			
	2023-24	Output	Indicators	Targets 2023-24	Outcome	Indicators	Targets 2023-24
			2.4 No. of labs which are capable to diagnose major viruses of public health importance: Regional	11			
			2.5 No. of labs which are capable to diagnose major viruses of public health importance: State	27			
			2.6 No. of labs which are capable to diagnose major viruses of public health importance: Medical College	109			
			2.7 No. of outbreak investigation done	80			
			2.8 Number of samples tested	400000			

2. Human Resource and Capacity Development (CS)

FINANCIAL OUTLAY (Rs in Cr) ²	OUTPUTS 2023-24			OUTCOME 2023-24		
	2023-24	Output	Indicators	Targets 2023-24	Outcome	Indicators
	a. Human Resource Development for Health Research					
33.86	1. Development of Human Resources in health research	1.1 No. of fellowship awarded: Young Scientist scheme	40	Generation of Highly skilled manpower in health research area	1.1 % Of completion of research studies: Young Scientist scheme	80
		1.2 No. of fellowship awarded: Women Scientist scheme	35		1.2 % Of completion of research studies: Women Scientist scheme	80
		1.3 No. of fellowship awarded: Short-term fellowship in Indian/foreign institute for training	15		1.3 % Of completion of research studies: Short-term fellowship in Indian/foreign institute for training	70
		1.4 No. of fellowship awarded: Long-term fellowship in Indian/ foreign institute for training	10		1.4 % Of completion of research studies: Long-term fellowship in Indian/ foreign institute for training	70
		1.5 No. of start-up projects support	05		1.5 % Of start-up projects undertaken by fellows:	NIL
		1.6 No. of the institutes supported for providing training	10		1.7 No. of researchers trained by the institutes supported.	1000
		1.7 No. of research projects completed by fellows supported	10		1.7 No. of leads converted into patents/products/ process	NIL

²Financial outlay and targets as per proposed BE

FINANCIAL OUTLAY (Rs in Cr) ²	OUTPUTS 2023-24			OUTCOME 2023-24		
	2023-24	Output	Indicators	Targets 2023-24	Outcome	Indicators
	b. Grant-in-aid (GIA) Scheme for Inter -Sectoral Convergence & Coordination for Promotion and Guidance on Health Research					
27.00	1. Enabling Environment for Health Research	1.1. No. of ongoing research projects supported	100	1. Capacity building, training of human resources in areas of health research, projects supported on major health problems, development of new product/process/diagnostic kit/technology etc.	1.1 No. of research paper published/ presented or new clinically /public health relevant knowledge generated	20
		1.2. No. of new research projects supported	25		1.2 Number of manpower trained	80
		1.3 Public health research projects supported	10		1.3 No. of leads /protocols /devices/guidelines developed	NIL
		1.4 Translational Projects supported	10		1.4 Number of leads converted into patents/products/ process for use in public health services:	1
		1.5 Joint projects supported	5		1.6 No. of Cost effective indigenous diagnostic kits/ vaccine/ drug etc. developed	1
		1.7 No. of research projects completed	15			
	c. Research Governance {Health Technology Assessment in India (HTAIIn)}					
24.20	1. Enabling Environment for Health Research	1.1 Research Projects on existing Healthcare Technologies.	15	1. Maximizing Health, reducing OOP expenses and inequality through	1.1 No. of evidence-based policies issued of Health Technology Assessment (HTA)	15

FINANCIAL OUTLAY (Rs in Cr) ²	OUTPUTS 2023-24			OUTCOME 2023-24		
	2023-24	Output	Indicators	Targets 2023-24	Outcome	Indicators
		1.2 Research Projects on new Healthcare Technologies.	15	healthcare interventions and technologies	1.2 No. of new topics for Health Technology Assessment (HTA)	15

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

FINANCIAL OUTLAY (Rs in Cr) ³	OUTPUTS 2023-24			OUTCOMES 2022-23		
	2023-24	Output	Indicators	Targets 2023-24	Outcome	Indicators
10.00	1. Providing Diagnostic Kits and reagents to investigate outbreaks/epidemics of emerging and/re-emerging viruses	1.1 Number of labs which have provided confirmation of the outbreak	142	1. Providing diagnostics for viral and non-viral infectious pathogens	1.1 Number of labs for which testing facility are strengthened for diagnosis of viral and non-viral pathogens	60
		1.2 Number of etiological agents for which diagnostic kits have been supplied	6			
	1. Providing Training to labs for capacity building by Resource Centre (NIV, Pune)	2.1 Number of trainings (man-days) to be imparted by Resource Centres	700			

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

³Financial outlay and targets as per proposed BE

FINANCIAL OUTLAY (Rs in Cr) ⁴	OUTPUTS 2023-24			OUTCOME 2023-24		
	2023-24	Output	Indicators	Targets 2023-24	Outcome	Indicators
	a. Establishment of Model Rural Health Research Unit					
20.00	1. Creation of infrastructure and enabling environment for research at rural areas.	1.1 Number of MRHRUs to be established	2	1. Operationalization of Model Rural Health Research Units	1.1 Increased in transfer of new technologies for improving the quality of health services to rural population.	1
		1.2 Number of research studies/ projects to be completed at each of the MRHRUs	15		1.2 Number of patents filed on health relevant knowledge generated from MRHRUs established	1
					1.3 Number of research papers published/presented from MRHRUs	10
	b. Establishment of Multi Disciplinarily Research Unit at Medical College					
60.00	1. Creation of infrastructure and enabling environment for research at Medical Colleges	1.1 Number of MRUs to be established at Medical Colleges	6	1. Research Unit at Medical College: Operationalization of Multi-Disciplinarily Research Units at Medical Colleges	1.1 Increase in Health Research activities/studies at Govt. Medical Colleges/ Research Institutions (Nos.).	50
		1.2 Number of MRUs to be functional out of the total MRUs established	25		1.2 Initiation to development of Diagnostic kits/technologies for Non-communicable & Communicable diseases (Nos.)	1

⁴Financial outlay and targets as per proposed BE

2023-24	Output	Indicators	Targets 2023-24	Outcome	Indicators	Targets 2023-24
		1.3 Number of research studies/projects to be completed at each of the MRUs established	50		1.3 Number of research papers published/ presented/ patents filed on new clinically /public health relevant knowledge generated from the MRUs established	2
					1.4 Number of new technologies developed for introduction into the public health system	1
					1.5 Number of leads converted into patents/ products/process for used in public health services	1

5. PM-ABHIM Biosecurity preparedness and strengthening Pandemic Research and Multi Sector, National Institutions and Platforms for One Health. (CS)

FINANCIAL OUTLAY (Rs in Cr) ⁵	OUTPUTS 2023-24			OUTCOME 2023-24		
	2023-24	Output	Indicator	Targets 2023-24	Outcome	Indicators
324.36	1. Establishment of 9 BSL 3 Labs and strengthening existing Viral Research Diagnostic Laboratories (VRDLs) for enhancing Bio-	1.1 No. of VRDL labs upgraded	2	1. Enhancing Bio-security capacity by supporting biomedical research on Covid-19 and other emerging and re-	1.1 No. of multi-centric research studies conducted per year	5
		1.2 No. of Mobile BSL-III Labs established	1		1.2 No. of outbreak investigations done yearly	25
		1.3 No. of VRDLs labs strengthened	42		1.3 No. of samples tests in year	75,000

⁵Financial outlay and targets as per proposed BE

	Security Preparedness			emerging infectious diseases to meet the future pandemics		
	2. Establishment of regional research platform for collaboration with South East Asian Region (SEAR) Countries on highly infectious and pathogenic viral infections	2.1 Protocol development meetings for infectious diseases	2	2. Enhancing regional partnership in research & epidemiological studies on emerging & re-emerging infectious diseases; establishing disease transmission dynamics and improving diagnostics and development of clinical management guidelines	2.1 Virtual / In-person capacity building workshops	2
		2.2 Protocol finalization meetings for infectious diseases	2		2.2 Finalization of Memorandum of Agreement (MoA) between the countries	1
		2.3 Funding for finalized project implementation	1		2.3 Stakeholder Consultation	1
	3. Supporting research activities and projects on clinical and microbiological aspects of emerging and re-emerging infectious diseases	3.1 No. of related studies conducted	4			
	4. Establishment of 4 Regional National Institute of Virology (NIV) at Dibrugarh, New Chandigarh, Bengaluru and Jabalpur and made them operational	4.1 No. of 4 Zonal NIVs made operational	90			
5. Establishment of ICMR Centre for One Health in Nagpur	5.1 Percentage of progress of construction of the Centre for One	90				

		Health				
	6. Establishment of ICMR Division for Research on Disease Elimination Sciences and Health in ICMR – NARI, Pune Establishment of ICMR Division for Research on Disease Elimination Sciences and Health in ICMR – NARI, Pune	6.1 Recruitment of Staff	14			
		6.2 Module Development and Three Training	4			
		6.3 No. of trainings conducted in collaboration with State Health Authorities	1			
		6.4 Initiation of construction for BSL 2 and 3 laboratory with room facilities	1			
	7. CERC strategy plan	7.1 Mapping & Evidence Assessment	1			
		7.2 Desk Review	1			
		7.3 Stakeholder Consultation	1			
	8. Establishment of PMIUs at ICMR Headquarters, New Delhi for monitoring and evaluations, reporting mechanism	8.1 Hiring of administrative staff and experts for overall monitoring of the Scheme	21			
	9. Capacity building of the health functionaries and health systems	9.1 No. of Health Functionaries, Trained, No. of Facilities Strengthened	4			

	10. Research studies in Multi-disciplinary Research Unit / Model Rural Health Research Unit (supporting research in MRU / MHRU / VRDL)	10.1 Consultative meeting	1			
		10.2 Initiation of research studies	5			
	11. Research studies initiated in VRDL (supporting research in MRU / MHRU / VRDL)	11.1 Initiation of research studies	5			
	12. Support to MDMS for Development of Technologies for Epidemiological Diseases	12.1 Training of academia and industry personnel on MedTech Development, Manufacturing, and Testing	100			
		12.2 Training of staff members of ICMR-DHR-mPRAGATI on ISO 13485 and ISO 17025	10			
		12.3 Technologies to be supported	8			
		12.4 Installation of Equipment	20			