

Output-Outcome Framework for Schemes 2018-19
DemandNo.43: Department of Health Research

(Rs.in Crores)

S. No	Name of the Scheme/Sub-Scheme	Financial Outlay 2018-19	Outputs/Deliverables against the Outlay 2018-19	Projected Medium Term Outcomes
Central Sector Schemes				
1.	Setting up of a Network of Laboratories for Managing Epidemics and National Calamities	70.00	Establishment of 30 New Viral Diagnostic & Research Labs (VRDLs)	<ul style="list-style-type: none"> ▪ Undertaking testing of about 75,000 samples per year and investigation of outbreaks. ▪ Timely diagnosis of common viral infections like JE, Chikungunya, dengue, H1N1, Hepatitis, Zika, Crimean-Congo hemorrhagic Fever (CCHF) etc. so that prognosis is followed up for effective health interventions. ▪ To reduce turn around time for diagnosis of unknown viruses/exotic viruses to 48-72 hours. ▪ Multi-centric projects on viruses having far reaching public health concerns, viz. Zika diagnosis in Government Medical Colleges across the country ; Measles Elimination and Rubella Control Programme by 2020 in collaboration with WHO.
2.	Development of Infrastructure for Promotion of Health Research	63.00		
(i)	Establishment of Model Rural Health Research Units (MRHRUs) in States		<ul style="list-style-type: none"> ▪ Making 12 Model Rural Health Research Units (MRHRUs) functional for undertaking research activities/projects. ▪ Establishment of 4 new Model Rural Health Research Units (MRHRUs). 	<ul style="list-style-type: none"> ▪ Implementation of new and modern technologies in the rural settings and taking technologies from Lab to field for better health care. Development of diagnostic kit at PHC and CHC level for improving health of rural population, technology transfer for reducing the local disease burden like Malnutrition, diabetes ,hypertension ,leprosy, tuberculosis of the rural population.

(ii)	Establishment of Multi Disciplinary Research Units (MRUs) in Government Medical Colleges/Research Institutions		<ul style="list-style-type: none"> ▪ Making 35 Multi Disciplinary Research Units (MRUs) functional for undertaking research activities/projects. ▪ Establishment of 10 new Multi Disciplinary Research Units (MRUs) in Government Medical Colleges/Research 	<ul style="list-style-type: none"> ▪ Creating infrastructure and enabling environment for health research in Government Medical Colleges/Research Institutions. ▪ Development of diagnostic kits/technologies for introduction into the public health system. ▪ To improve the overall health status of the population by creating evidence-based application of diagnostic
3.	Human Resource & Capacity Development	72.00	Awarding about 50 fellowships for training in India and abroad to the faculty of Government Medical Colleges for research in cutting edge areas and funding of about 40 research projects in the areas of public health importance.	<ul style="list-style-type: none"> ▪ Publication/presentation of about 23 research papers/on new clinically/public health relevant knowledge generated. ▪ Conversion of at least 3 leads into patents/products/processes for use in public health system. ▪ 35% of fellowships to undertake start-up projects.
4.	Research Governance		Undertaking Health Technology Assessment (HTA) To facilitate the process of transparent and evidence based decision making in the field of health, through evaluation of appropriateness and cost effectiveness of the available and new health technologies in India, so that maximum people can have access to quality healthcare at minimum cost in the country.	Assessment of minimum 4 technologies in regard to clinical & cost effectiveness for effective health intervention for adoption in the health services/programmes of the National Health Mission (NHM).