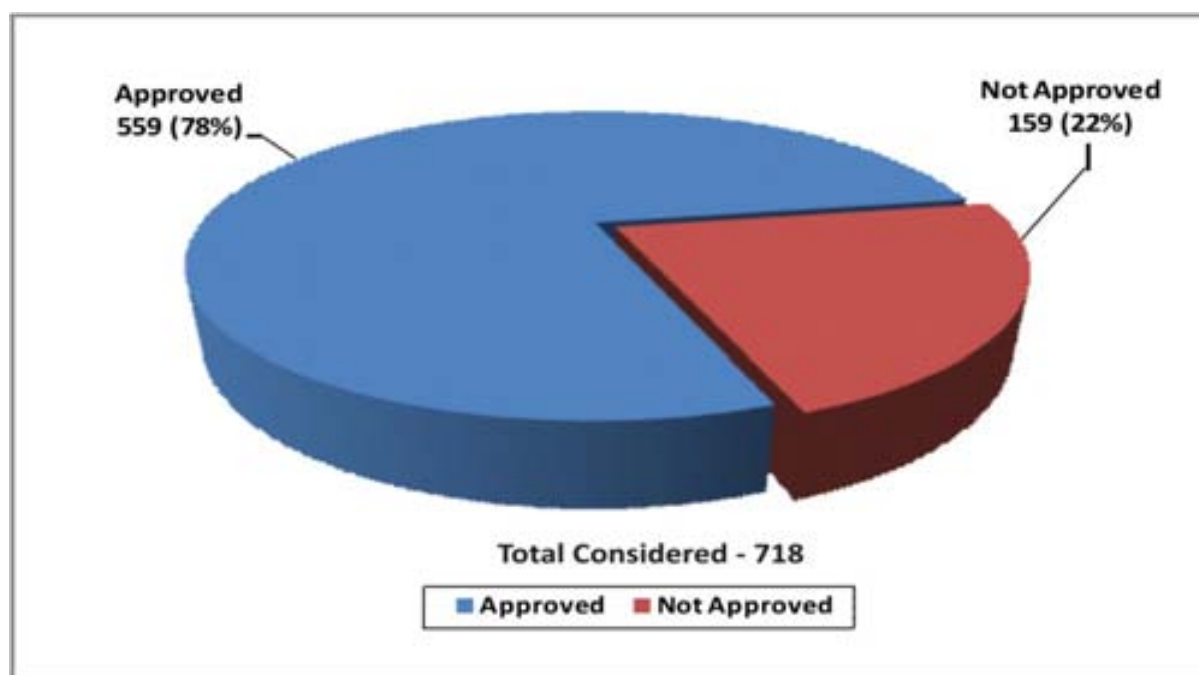


## Facts & Figures

**HMSC meetings held during January, 2008 to December, 2012 and projects considered/approved**

S. No.	Date of HMSC	No. of projects considered	No. of projects approved
1.	March 25, 2008	29	24
2.	June 23, 2008	25	18
3.	December 22, 2008	35	32
4.	March 02, 2009	64	49
5.	June 08, 2009	41	31
6.	September 08, 2009	18	14
7.	December 08, 2009	25	18
8.	March 08, 2010	44	34
9.	June 08, 2010	35	29
10.	September 08, 2010	33	23
11.	December 08, 2010	33	24
12.	March 08, 2011	45	39
13.	June 08, 2011	41	23
14.	September 08, 2011	49	39
15.	December 08, 2011	44	38
16.	March 12, 2012	47	39
17.	June 18, 2012	36	24
18.	September 10, 2012	36	28
19.	December 10, 2012	38	33
<b>Total</b>		<b>718</b>	<b>559</b>

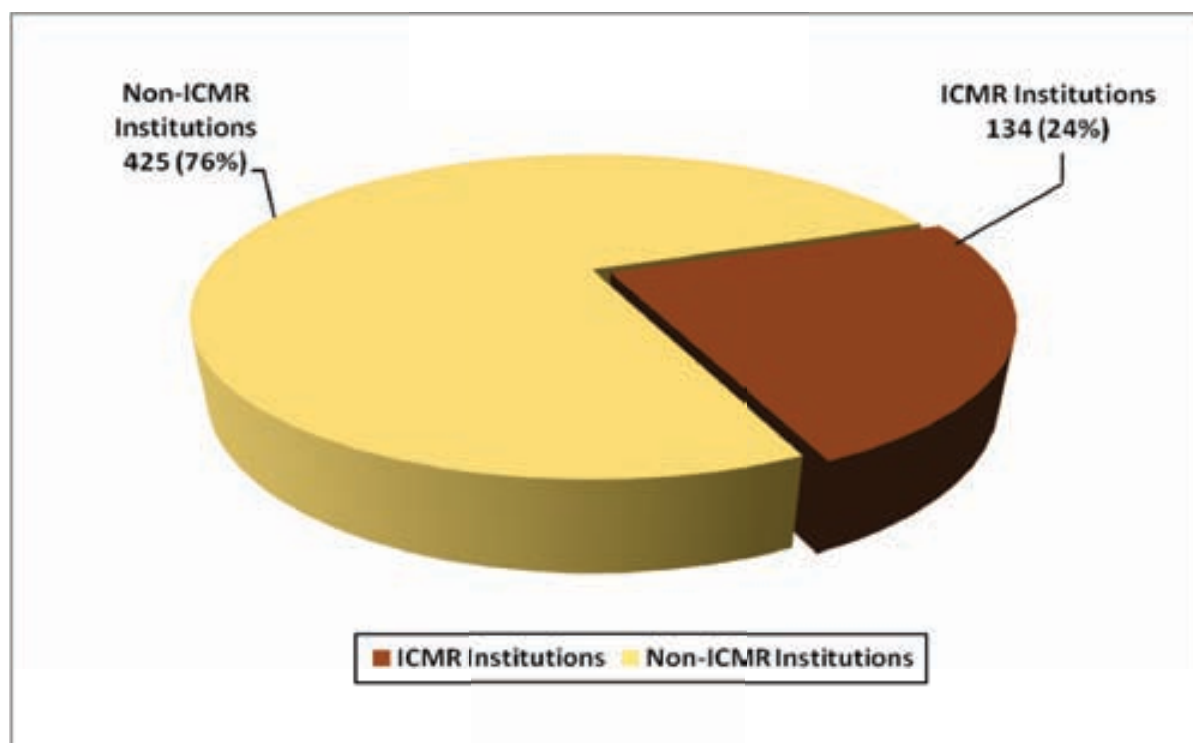
**Number of international collaborative projects considered and approved by HMSC during January, 2008 to December, 2012**



### ICMR Institution wise representation of number of international collaborative projects undertaken during January, 2008 to December, 2012

S.No.	ICMR Institution	No. of projects approved
1.	National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077 & its various Field Stations (Nadiad, Jabalpur, Raipur, Ranchi, Panaji and Bangalore)	29
2.	National AIDS Research Institute (NARI), 73 G Block, MIDC, Bhosari, Post Box No. 1875, Pune-411026	23
3.	National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010	11
4.	National Institute for Research in Tuberculosis (NIRT), Mayor V.R. Ramanathan Road, Chetput, Chennai-600031	10
5.	Vector Control Research Centre (VCRC), Indira Nagar, Puducherry-605006	9
6.	National Institute of Nutrition (NIN), Tarnaka, Hyderabad-500007	7
7.	National Institute of Virology (NIV), 20-A, Dr. Ambedkar Road, Pune-411001	6
8.	Centre for Research in Medical Entomology (CRME), 4 Sarojini Street, Chinna Chokkikulam, Madurai-625002	4
9.	National Institute of Pathology (NIP), Safdarjung Hospital Campus, New Delhi-110029	4
10.	National Institute of Immunohaematology (NIIH), 13th Floor, New Multi-storied Building, KEM Hospital Campus, Mumbai-400012	4
11.	Rajendra Memorial Research Institute of Medical Sciences (RMRIMS), Agamkuan, Patna-800007	4
12.	Regional Medical Research Centre (RMRC), Chandrasekharpur, Bhubaneswar -751023	4
13.	Indian Council of Medical Research (ICMR) Hqrs., Ansari Nagar, New Delhi-110029	3
14.	National Institute of Epidemiology (NIE), R-127, 3rd Avenue, Tamil Nadu Housing Board Ayapakkam, Chennai-600031	3
15.	National Institute of Research in Reproductive Health (NIRRH), Jehangir Merwanji Street, Parel, Mumbai-400012	3
16.	Regional Medical Research Centre (RMRC), NE Region, Post Box. No. 105, Dibrugarh-786001	3
17.	Desert Medicine Research Centre (DMRC), Pali Road, Jodhpur-342005	2
18.	Institute of Cytology and Preventive Oncology (ICPO), 1-7, Sector-39, Near Degree College, NOIDA-201301	2
19.	National Institute of Occupational Health (NIOH), Meghani Nagar, Ahmedabad-380016	1
20.	Regional Medical Research Centre (RMRC), Post Bag No. 13, Port Blair-744101	1
21.	National JALMA Institute for Leprosy and Other Mycobacterial Diseases (NJIL&OMD), Dr. M. Miyazaki Marg, Tajganj, Agra-282001	1
	<b>Total international collaborative projects approved for ICMR Institutions</b>	<b>134</b>

### Number of international collaborative projects undertaken by ICMR and Non-ICMR Institutions during January, 2008 to December, 2012



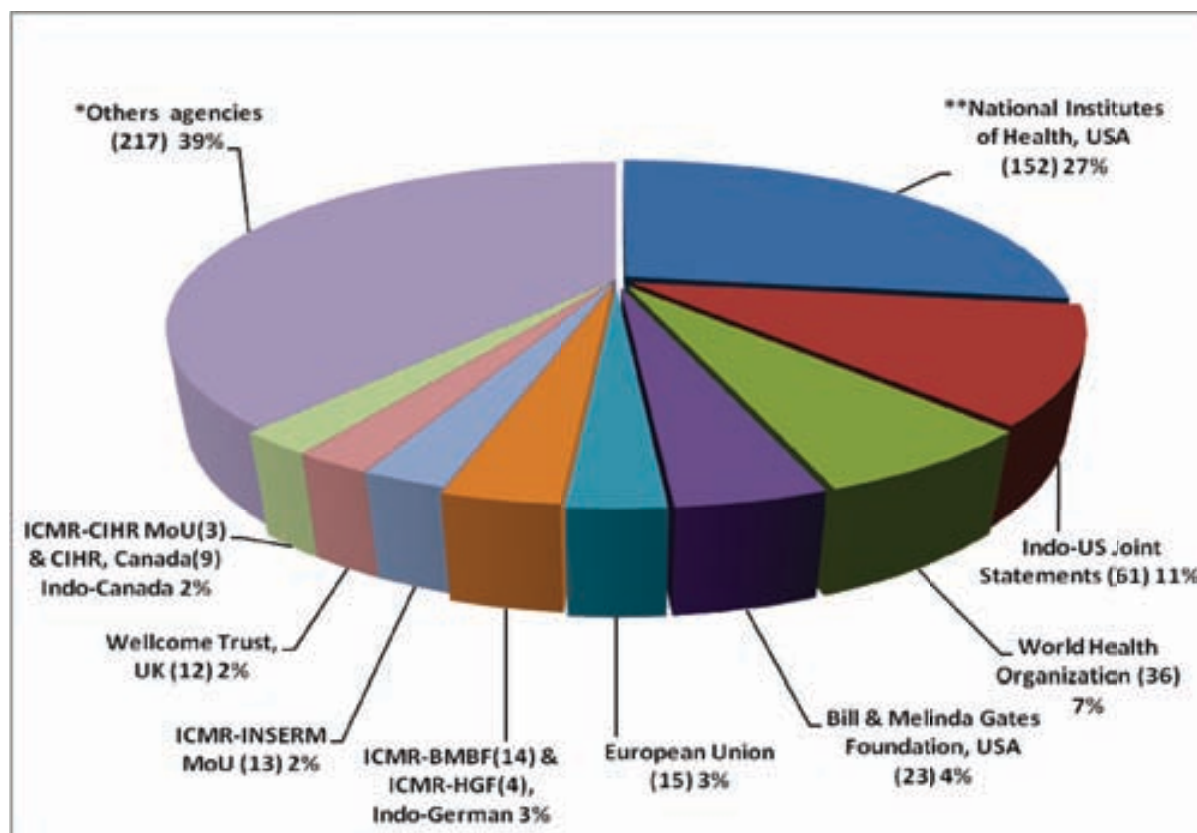
### Indian Institutions with more than ten international collaborative projects approved by HMSC during January, 2008 to December, 2012

S.No.	Indian Institution	No. of projects approved
1.	All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi-110029	92
2.	Christian Medical College & Hospital (CMC), Ida Scudder Road, Vellore-632004	30
3.	National Institute of Malaria Research (NIMR), Sector 8, Dwarka, New Delhi-110077 & its various Field Stations (Nadiad, Jabalpur, Raipur, Ranchi, Panaji and Bangalore) - ICMR	29
4.	National AIDS Research Institute (NARI), G-73, MIDC, Bhosari, Pune-411026 - ICMR	23
5.	Y R Gaitonde Centre for AIDS Research and Education (YRG CARE), Voluntary Health Services, Taramani, Chennai-600113	24
6.	St. John's National Academy of Health Sciences, Sarjapur Road Bangalore-560034	22
7.	Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12-D, Chandigarh-160012	19
8.	B J Medical College and Sassoon General Hospital, Jai Prakash Narayan Road, Pune-411001	16
9.	National Institute of Cholera and Enteric Diseases (NICED), P-33, CIT Road, Scheme XM, Beliaghata, Kolkata-700010 - ICMR	11
	<b>Total</b>	<b>266</b>

## Funding agency wise representation of projects approved by HMSC during January, 2008 to December, 2012

(Agencies which supported more than 10 projects - reflected below)

S. No.	Funding agency	No. of projects approved
1.	National Institutes of Health, USA	152
2.	ICMR under Indo-US Joint Statements (HIV/AIDS & STD Prevention; Environment & Occupational Health; Maternal and Child Health & Human Development Research)	61
3.	World Health Organization, Geneva	36
4.	Bill & Melinda Gates Foundation (BMGF), USA	23
5.	European Union	15
6.	ICMR under ICMR-BMBF(14) & ICMR-HGF(4) MoUs, Germany	18
7.	ICMR under ICMR-INSERM MoU, France	13
8.	Wellcome Trust, United Kingdom	12
9.	ICMR under ICMR-CIHR MoU(3) & by Canadian Institutes of Health Research (CIHR)(9), Canada	12
10.	Other agencies	217
<b>Total</b>		<b>559</b>

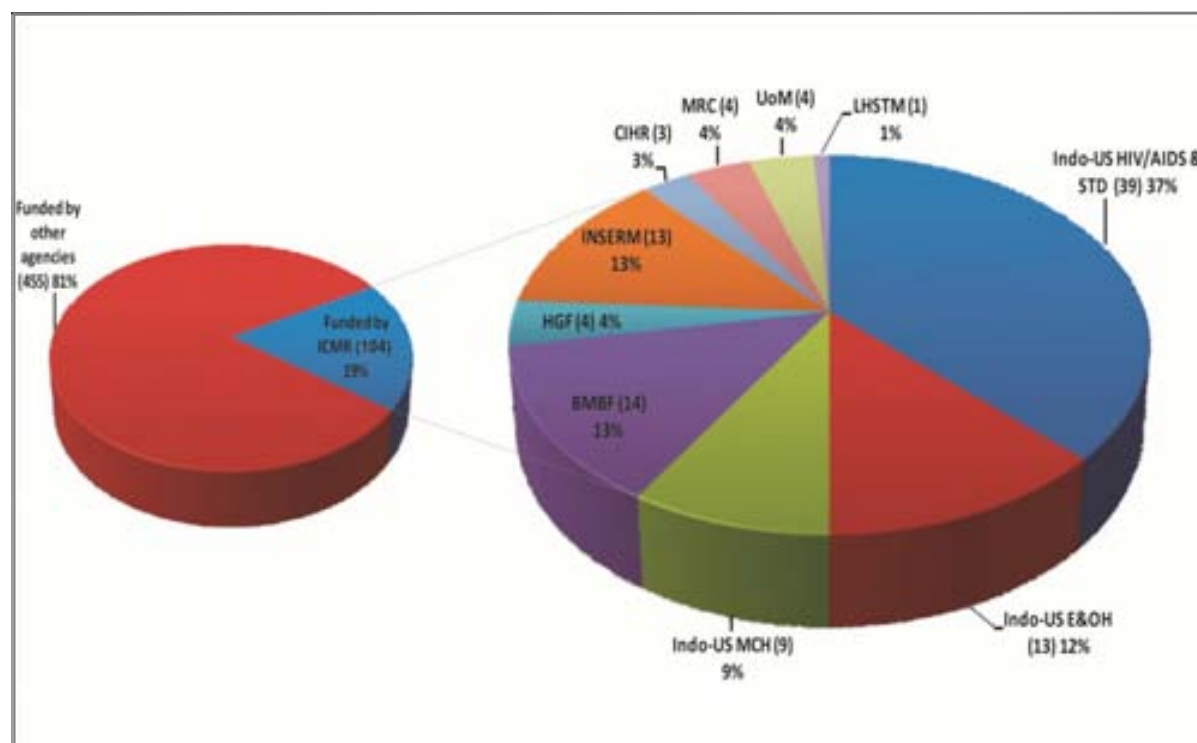


\* List of other funding agencies which supported HMSC projects is at Annexure 2

\*\* Out of 152 projects, 2 projects were jointly supported by Neurogenetics Foundation, USA/ CIHR, Canada and rest by NIH, USA

### International collaborative projects approved & funded under ICMR co-ordinated MoUs & Joint Statements

S.No	Programme	No. of projects approved
1.	Indo-US Joint Statement on HIV/AIDS & STD Prevention	39
2.	ICMR-BMBF (Germany) MoU	14
3.	ICMR-INSERM (France) MoU	13
4.	Indo-US Joint Statement on Environment & Occupational Health	13
5.	Indo-US Joint Statement on Maternal and Child Health & Human Development Research	9
6.	ICMR-HGF (Germany) MoU	4
7.	ICMR-MRC (UK) MoU	4
8.	ICMR-UoM (USA) MoU	4
9.	ICMR-CIHR (Canada) MoU	3
10.	ICMR-LHSTM (UK) MoU	1
	<b>Total</b>	<b>104*</b>

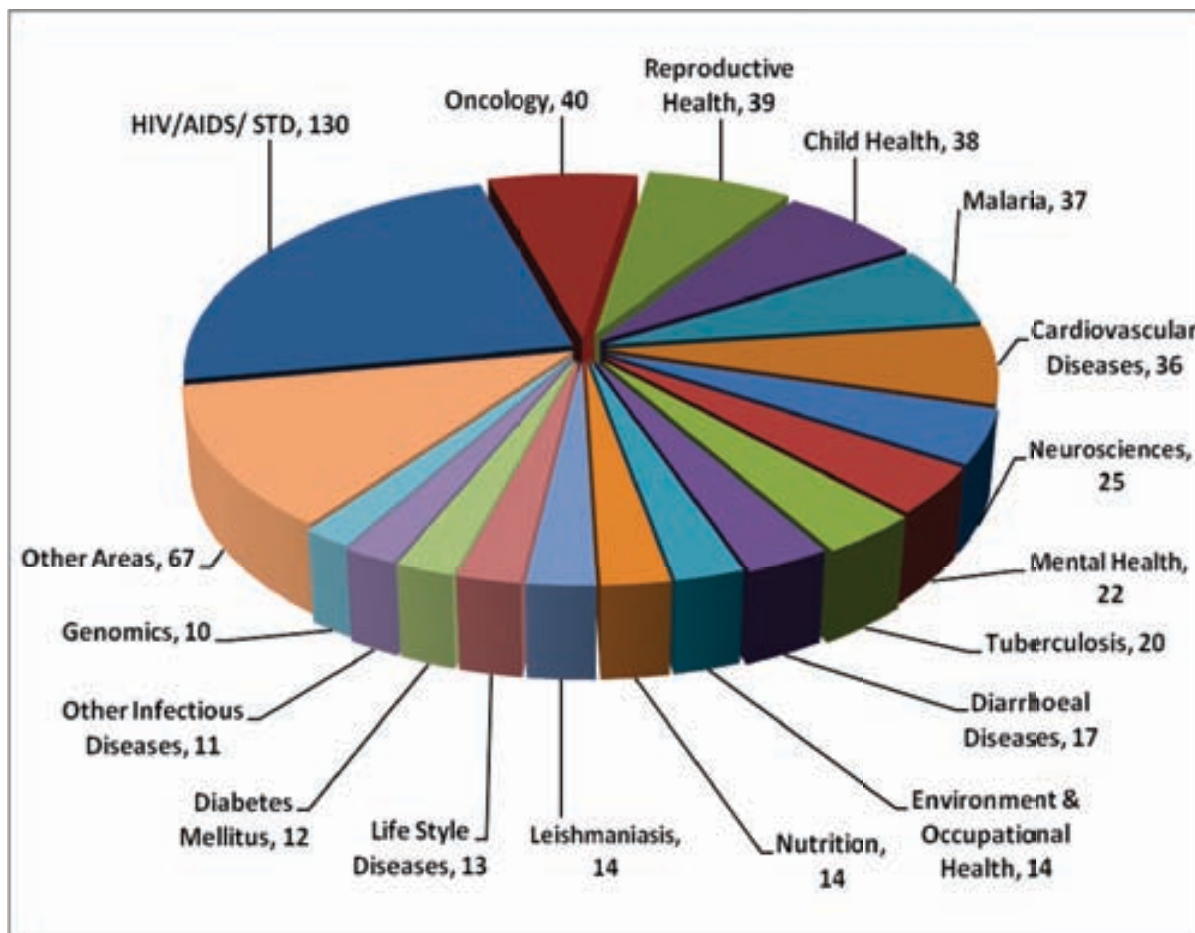


\* Out of 104 projects, 76 projects were funded by ICMR; 15 projects are yet to be funded as on March 31, 2013; 12 projects were not approved by respective JWGs/JSCs and 1 project was withdrawn by Indian PI

### Subject area wise representation of projects approved by HMSC during January, 2008 to December, 2012

S. No	Subject area	No. of projects
1.	HIV/AIDS/ STD	130
2.	Oncology	40
3.	Reproductive Health	39
4.	Child Health	38
5.	Malaria	37
6.	Cardiovascular Diseases	36
7.	Neurosciences	25
8.	Mental Health	22
9.	Tuberculosis	20
10.	Diarrhoeal Diseases	17
11.	Environment and/or Occupational Health	14
12.	Leishmaniasis	14
13.	Nutrition	14
14.	Life Style Diseases	13
15.	Diabetes Mellitus	12
16.	Other Infectious Diseases	11
17.	Genomics	10
18.	Filariasis	9
19.	Bacteriology	8
20.	Haematology	7
21.	Ophthalmology	7
22.	Influenza	6
23.	Gastroenterology	5
24.	Health Systems Research	5
25.	Japanese Encephalitis	4
26.	Dengue	3
27.	Immunology	2
28.	Leprosy	2
29.	Social & Behavioural Research	2
30.	Vector Borne Diseases	2
31.	Epidemiology of NCDs	1
32.	Bioethics	1
33.	Bioinformatics	1
34.	Pulmonary Diseases	1
35.	Rehabilitation	1
	<b>Total</b>	<b>559</b>

### Subject area wise representation of projects approved by HMSC during January, 2008 to December, 2012



Other areas include subject areas with less than 10 projects such as Filariasis, Bacteriology, Haematology, Ophthalmology, Influenza, Gastroenterology, HSR, JE, Dengue, Immunology, Leprosy, SBR etc.

*An exhaustive list of subject areas with break-up of sub areas of international collaborative projects is on next page.*



## Subject areas and sub areas of international collaborative projects approved during January, 2008 to December, 2012

No. of projects	Subject area	Sub-areas
130	HIV/AIDS/ STDs (108) + HIV/ Tuberculosis (22)	<ul style="list-style-type: none"> <li>• Affordable Diagnostics</li> <li>• Determinants and Dynamics of HIV Infection</li> <li>• Studies on Co-infections</li> <li>• Neurobiology(CNS involvement in HIV C clade)</li> <li>• Prevention/Intervention</li> <li>• Behavioural and Social Science Research</li> <li>• ART Resistance</li> <li>• Epidemiology and Diseases Surveillance</li> <li>• HIV/AIDS related Malignancies</li> <li>• Microbicides</li> <li>• Vaccine Trials</li> <li>• Health Systems Research</li> <li>• SMS-based Intervention Research</li> <li>• Development of ART Drugs</li> <li>• Development of Targeted Drug-Delivery Approaches</li> <li>• Capacity Building</li> </ul>
40	Oncology	<ul style="list-style-type: none"> <li>• Clinical Trials</li> <li>• Diagnostics/Identifications of Biomarkers</li> <li>• Prevention/Intervention</li> <li>• Onco-genomics &amp; Pharmaco-genomics</li> <li>• Immunology</li> <li>• Vaccine Research</li> <li>• Therapeutics</li> </ul>
39	Reproductive Health	<ul style="list-style-type: none"> <li>• Prevention of Maternal Morbidity &amp; Mortality</li> <li>• Emergency Obstetrics Care</li> <li>• Registries</li> <li>• Pre-eclampsia/Post Partum Haemorrhage</li> <li>• Capacity Building</li> </ul>
38	Child Health	<ul style="list-style-type: none"> <li>• Immunology</li> <li>• Neonatal Health</li> <li>• Nutrition/Micronutrients</li> <li>• Health Systems Research</li> <li>• Epidemiology</li> <li>• Developmental/Genetic Disorders</li> <li>• Pediatric Infection</li> <li>• Diagnostics</li> </ul>

Contd ...



No. of projects	Subject area	Sub-areas
		<ul style="list-style-type: none"> <li>• Community-based Research</li> <li>• Growth Hormones</li> </ul>
37	Malaria	<ul style="list-style-type: none"> <li>• Vector Control/Prevention/Intervention</li> <li>• Drug and Insecticide Resistance</li> <li>• Epidemiology</li> <li>• Genomics</li> <li>• Diagnostics</li> <li>• Immunology/Molecular Biology</li> <li>• Bio-physical Determinants of Malaria</li> <li>• Capacity Building</li> </ul>
36	Cardiovascular Diseases (Cardiovascular Diseases/ Diabetes)	<ul style="list-style-type: none"> <li>• Prevention/Intervention</li> <li>• Electrophysiology</li> <li>• Epidemiology &amp; Clinical Trials</li> <li>• Pharmacology</li> <li>• Risk Factor Identification/Observational Studies</li> <li>• Registries</li> <li>• Capacity Building</li> </ul>
25	Neurosciences	<ul style="list-style-type: none"> <li>• Basic Research</li> <li>• Diagnostics</li> <li>• Registries</li> <li>• Neurological Development</li> <li>• Parkinson's/Geriatrics</li> <li>• Genetics</li> <li>• Clinical Trials</li> </ul>
22	Mental Health	<ul style="list-style-type: none"> <li>• Schizophrenia</li> <li>• Depression</li> <li>• Alcohol and Drug Addiction</li> <li>• Genetics</li> <li>• Clinical Psychology</li> <li>• Training/ Capacity Building</li> </ul>
20	Tuberculosis	<ul style="list-style-type: none"> <li>• Diagnostics</li> <li>• Drug and Vaccine Development</li> <li>• Prevention/Intervention</li> <li>• Immunology/Molecular Biology</li> <li>• Drug Resistance and Genotyping</li> <li>• Clinical Trials</li> <li>• Capacity Building</li> </ul>

Contd ...

No. of projects	Subject area	Sub-areas
17	Diarrhoeal Diseases	<ul style="list-style-type: none"> <li>• Vaccine Trials (Cholera)</li> <li>• Prevention and Intervention</li> <li>• Molecular Epidemiology</li> <li>• Genomics</li> <li>• Capacity Building</li> </ul>
14	Environment and/or Occupational Health	<ul style="list-style-type: none"> <li>• Indoor Air Pollution</li> <li>• Pesticides/Arsenic Toxicity</li> <li>• Bio-Monitoring (Exposure Assessment)</li> <li>• Gene-Environment Interaction</li> <li>• Prevention/Surveillance</li> <li>• Toxicology Research</li> <li>• Capacity Building</li> </ul>
14	Nutrition	<ul style="list-style-type: none"> <li>• Biochemistry</li> <li>• Micronutrient Analysis</li> <li>• Nutrition Monitoring/ Assessment</li> <li>• Physiological and Molecular Studies</li> <li>• Interventional Studies</li> <li>• Health Systems Research</li> </ul>
14	Leishmaniasis	<ul style="list-style-type: none"> <li>• Diagnostics</li> <li>• Development of Anti Infectives/Vaccines</li> <li>• Vascular Biology</li> <li>• Clinical Trials</li> <li>• Capacity Building</li> </ul>
13	Life Style Diseases	<ul style="list-style-type: none"> <li>• Tobacco Cessation</li> <li>• Geriatrics</li> <li>• Observational Studies</li> <li>• Capacity Building</li> </ul>
12	Diabetes Mellitus	<ul style="list-style-type: none"> <li>• Epigenetics</li> <li>• Prevention and Intervention</li> <li>• Identification of Risk Factors</li> </ul>
11	Other Infectious Diseases	<ul style="list-style-type: none"> <li>• Emerging Infections/Disease Surveillance</li> <li>• Diagnostics</li> <li>• Vaccine Research</li> <li>• Capacity Building</li> </ul>
10	Genomics	<ul style="list-style-type: none"> <li>• Immunology</li> <li>• Molecular Genetics</li> </ul>

Contd ...

No. of projects	Subject area	Sub-areas
		<ul style="list-style-type: none"> <li>• Diagnostics</li> <li>• Genetic Disorders</li> <li>• Identification of Biomarkers</li> </ul>
9	Filariasis	<ul style="list-style-type: none"> <li>• Vector Control</li> <li>• Diagnostics</li> <li>• Diseases Surveillance</li> <li>• Health Systems Research</li> <li>• Clinical Trials</li> </ul>
8	Bacteriology	<ul style="list-style-type: none"> <li>• Vaccine development</li> <li>• Molecular Biology</li> <li>• Epidemiology</li> <li>• Disease Surveillance</li> </ul>
7	Haematology	<ul style="list-style-type: none"> <li>• Immunophenotypic Studies</li> <li>• Genetic Disorders</li> <li>• Clinical Trials</li> </ul>
7	Ophthalmology	<ul style="list-style-type: none"> <li>• Eye Banking</li> <li>• Registries</li> <li>• Patho-Physiology</li> <li>• Clinical Trials</li> </ul>
6	Influenza	<ul style="list-style-type: none"> <li>• Vaccine Research</li> <li>• Epidemiology and Disease Surveillance</li> <li>• Diagnostics</li> </ul>
5	Gastroenterology	<ul style="list-style-type: none"> <li>• Immunology/Molecular Biology</li> <li>• Genetics</li> <li>• Epidemiology</li> <li>• Clinical Trials</li> </ul>
5	Health Systems Research	<ul style="list-style-type: none"> <li>• Telemedicine</li> <li>• Interventional Studies</li> </ul>
4	Japanese Encephalitis	<ul style="list-style-type: none"> <li>• Epidemiology and Disease Surveillance</li> <li>• Immunology</li> </ul>
3	Dengue	<ul style="list-style-type: none"> <li>• Vector Control</li> <li>• Spatial Epidemiology</li> </ul>
2	Immunology	<ul style="list-style-type: none"> <li>• Basic Research</li> <li>• Molecular Biology</li> </ul>

Contd ...

No. of projects	Subject area	Sub-areas
2	Social & Behavioural Research	<ul style="list-style-type: none"> <li>• Interventional Studies</li> </ul>
2	Vector Borne Diseases	<ul style="list-style-type: none"> <li>• Climate Impact Assessment</li> </ul>
2	Leprosy	<ul style="list-style-type: none"> <li>• Clinical Neuropathy</li> <li>• Genetic Susceptibility</li> </ul>
1	Bioethics	<ul style="list-style-type: none"> <li>• Training/ Capacity Building</li> </ul>
1	Bioinformatics	<ul style="list-style-type: none"> <li>• Training</li> </ul>
1	Epidemiology of NCDs	<ul style="list-style-type: none"> <li>• Training</li> </ul>
1	Pulmonary Diseases	<ul style="list-style-type: none"> <li>• Molecular Biology</li> </ul>
1	Rehabilitation	<ul style="list-style-type: none"> <li>• Pain Assessment Tools</li> </ul>

Projects on HIV/Tuberculosis co-infection are clubbed under the area of HIV/AIDS/STDs. Similarly projects on CVD with Diabetes Mellitus are clubbed with the area of Cardiovascular Diseases and studies exclusively on Tuberculosis and Diabetes Mellitus are shown separately.