

INSTITUTE OF PUBLIC HEALTH,LAHORE

Dengue related activities

Activity	Detail	2012	2013	2014	2015	Total
Dengue Prediction Modelling	Mathematical Modelling for Dengue Prediction			1	0	1
	Modelling for Dengue Prediction at University of Engineering & Technology, Lahore in collaboration with Perdue University, USA .		1	1	1	3
Dengue Prevention Modelling	Multidimensional Community Capacity Building Modelling for Prevention of Dengue (in progress)			1	0	1
Dashboard Data analysis	Reports generated by Alert Generation Committee for dengue alerts since 2.08.2012 on daily bases	152	365	365	243	1125
Dengue Vector Surveillance	Ovitrap prepared and placed in different parks in Lahore .(No. of Ovitrap)	675	1350	2267	912	5204
Insecticides efficacy	Assessment of BTI's/IGR against Culex and Aedes mosquitoes	1				1
	Evaluation of WHO recommended Insecticides in the Medical Entomology & Parasitology(MEP) Lab.(No. of Samples)	3				3
	Evaluation of Insecticides samples received from Chief Minister's Inspection Team (CMIT).(No. of Samples)		39			39
	Evaluation of Samples of Insecticides collected at Enduser point.(No. of Samples)		18			18
	Evaluation of Samples of Insecticides to be purchased by Health Department.(No. of Samples)			10		10
	Evaluation of Samples of Insecticides received from the Assistant Director(PP) Agriculture, Pest Warning and Quality Control of Pesticides, Lahore.(No. of Samples)			17	1	18
Repellants Efficacy	DEET Tested		1	1		2
Dengue Lab test	Blood samples tested for Dengue virus test(ELISA) (NS1, IgM and IgG)	234	511	159	44	948
	Blood samples of Dengue patients for PCR & Serotyping.		362	887	63	1312
	Dengue larva samples for Viral detection		576	2425	5355	8356
Research on Dengue	Researches conducted on Host		5	8		13
	Research articles published	3	1	1		5
Dengue Disease Awareness	Seminars on Dengue Awareness and Prevention	21	28	32	6	87
	Anti dengue Walks	1	2	1	2	6
	Anti dengue Exhibition	2	1	1	6	10
	Community awareness sessions	110	224	280	110	724
	Dengue awareness Stall at Expo centre, Lahore		1			1
	Dengue Surveillance calendars Printed & distributed				1000	1000
Capacity building on Dengue	Small Group Discussion sessions	45	154	180	92	471
	Dengue Workshops	12	22	30	16	80

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Academic Activities

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Activity	Detail					0
No. of students qualified in Postgraduate Courses	MPH(Master in Public Health)	17	20	26	13	76
	MHM(Master in Hospital Management)	5	4	6	2	17
	MMCH(Master in Mother & Child Health)	6	6	9	1	22
	M.Phil (Community Medicine)	4	3	2	0	9
	FCPS(Community Medicine)	1		2	3	6
	MCPS(Community Medicine)			2	2	4
No. of students passed in Undergraduate programmes	B.Sc.Hons (MLT)	9	10	17		36
Students research work	Dissertations completed	60	45	40	42	187
	Other Research assignments	12	25	42	45	124
Students study visit	Community / Field Visits	15	15	15	20	65
Publication	Published Articles	7	27	35		69
	News letters			11	5	16
	Pakistan Journal of Health (IPH Journal)		4	4		8
Capacity Building						0
Statistical Skills	Workshop on Innovative Statistical Analysis and GIS use for health managers in collaboration with WHO			3		3
Water sampling	Workshops organised on collection of water samples for various hospital staff .			3		3
Water Purification	Hands on training workshop for Water Testing Laboratory staff on purification of water by new filltration techniques in colloboration with WHO.			1		1
Disease Control & Management	Workshops on Sputum Smear Microscopy for District Microscopists in Punjab	13	15	21		49
	Workshops on Rabies for Family Physicians and doctors from other provinces.			4		4
Research techniques	Research Methodology Workshop for IPH Staff & students	1	1	1	30	33
Computer Skills	Computer Training sessions for IPH students	57	114	273	30	474
HIV/ AIDS Prevention & control	Training on Human Resource Development Programme in collaboration with Punjab AIDS Control Program & University of Manitoba		3			3
Disease Surveillance	Training on Communicable Disease Surveillance,outbreake Investigation & Response by WHO,NIH & FELTPPakistan.		1			1

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Technical Assistance to Health Department

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Activity	Detail					0
Daily alert generation of diseases in flood hit area					1	1
Assistance provided to PDMA regarding flood control					1	1
Analysis of Drug reaction in Punjab Institute of Cardiology (PIC) patients	Analysis/Investigation about alleged drug reaction related with medicine at PIC	1				1
Investigation for Water contamination	Examination of underground water at village in Lahore for contamination.	1	1	1	1	4
EPI coverage evaluation	Evaluation of routine EPI in all districts of Punjab	1				1
Research Projects	Rapid assessment of Dengue vector indoor surveillance in Lahore		1			1
Outbreak investigation	Measles outbreak investigation		1			1
	Outbreak Investigation at Malsi, District Vehari		1			1
	Outbreak of H1NI cases in Multan			1		1
Standard Operating Procedures(SOPs) for	Preparation of SOPs for Dengue Prevention and Control			1	1	2
Hospital Water Reservoirs Examination	Investigation of water reservoirs/ tanks in the hospitals located in Lahore			1		1
Survey in Flood Areas	Survey in the flood affected areas of Punjab			1		1
Middle East Respiratory Syndrome(MERS) Situation Review	Review of MERS situation in Punjab & Development of guidelines for its preventional control			1		1
CrimeanCongo Haemorrhagic Fever(CCHF) Situation	Review sessions on CCHF situation			1		1
Punjab Sanitation Policy	Draft reviewd			1		1
Bill on Prevention of Acid Burns	Draft reviewd			1		1
Punjab Safe Water stretgy	Consultation provided			1		1
Disease Surveillance System (DSS)	Weekly DSS bulletons reviewd & edited			12	6	18
Health related Dashboard	Reviewd various health related dashboards operational in Punjab			1		1
Health Insurance	Assisted Health Care Commission on Health Insurance in Punjab			1		1
Assistance to Saaf Pani Co.	Assisted Saaf Pani Co. for provision of Safe drinking water			1		1
Water testing	Water samples tested as per WHO specifications	3661	2413	4942	2310	13326
Injectable Polio Vaccine proposal	Reviewd proposal of use of Injectable Polio Vaccine			1		1

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Awareness Activities						0
Activity	Detail					0
Health Education	Community given awareness about diseases of public health importance(No. of people visiting various departments of IPH)	13061	18118	35585	21181	87945
Seminars on important Public Health issues(other than Dengue)	Hepatitis C,HIV/ AIDS ,Measles, Breast Cancer, Tuber culosis, Polio, DEWS, IMNCI, Water born Diseases, vector Born Diseases, Obesity, Cold Chain & Immunization, Diarrheal Diseases, ARI , Tetanus , Rabies ,Epidemic/Outbreak ,CCHF ,Professionalism, Ebola Virus	10	16	20	12	58
Community Services						0
Mother & Child Health	Number of clients given Family Planning Services	398	199	494	385	1476
	Pregnant ladies given AnteNatal Services	276	366	987	797	2426
	Mothers given Post Natal Services	47	14	105	38	204
	Infants & Children managed for minor illnesses	924	1173	2581	1753	6431
	Adults managed for minor illnesses	856	3134	3615	2755	10360
Public Dental Health Services	Patients managed for dental illnesses	764	2136	2988	1448	7336
Immunization	BCG	146	77	206	128	557
	Pneumococcal	50	200	565	467	1282
	Pantavalent	555	202	565	467	1789
	Tetanus Toxoid	248	131	359	248	986
	Oral Polio (Routine & NIDs)	169	351	1190	860	2570
	Polio Campaign Injectable				45	45
	Measles	252	119	274	432	1077
	Yellow Fever	60				60
	AntiRabies	10616	10826	29189	18039	68670
	Polio vaccination for international travellers			816	547	1363
Disease Surveillance						0
Tuberculosis	Sputum of TB Suspects examined for AFB	1471	1354	4121	4422	11368
	Sputum cultured for TB Patients	1471	1423	4420	4439	11753
	Sputum tested for TB Drug Sensitivity	300	505			805
Hepatitis	HepatitisB Screening	655	30	335	83	1103
	HepatitisC Screening	658	33	335	81	1107
	PCR HepatitisB			6	3	9
	PCR HepatitisC		2164	2997	1854	7015
	HBs Ag ELISA			78	123	201
	HCV Ag ELISA			78	56	134
HIV/ AIDS	HIV Eliza test	95	25	92	121	333
	HIV Rapid test	95	25	101	121	342
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Community Based Research (No. of Laboratory tests performed)

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Activity	Detail					0
Anaemia	CBC		30	183	200	413
Diabetes Mellitus	Culture			72	60	132
Hypertension	Blood Sugar (F)	374	513	260	365	1512
Hepatitis	Blood Sugar (R)	658	1122	438	365	2583
Urinary Tract Infections	Urine Sugar	686	1247	613	368	2914
Gouty Arthritis,	Urine C/E	289	512	205	119	1125
Hyperlipidemia	Hb	222	365	162	38	787
Food Analysis	ESR	120	164	63	32	379
	TLC	97	164	58	31	350
	DLC	97	164	58	56	375
	S.Bilirubin	191	249	65	54	559
	SGOT	191	245	65	112	613
	SGPT	232	267	65	112	676
	S.Alk.Phosphates	189	244	65	112	610
	Blood Urea	132	240	80	71	523
	S.Uric Acid	99	240	60	90	489
	S.Creatinine	119	259	78	65	521
	S.Cholesterol	121	256	55	35	467
	S.Triglycerides	102	236	38	60	436
	HDL / LDL	225	225	16	60	526
	Blood Grouping	45	200	84	41	370
	Grand Total of Activities	42496	55934	107037	73715	279182