

THE LANCET

Global Health

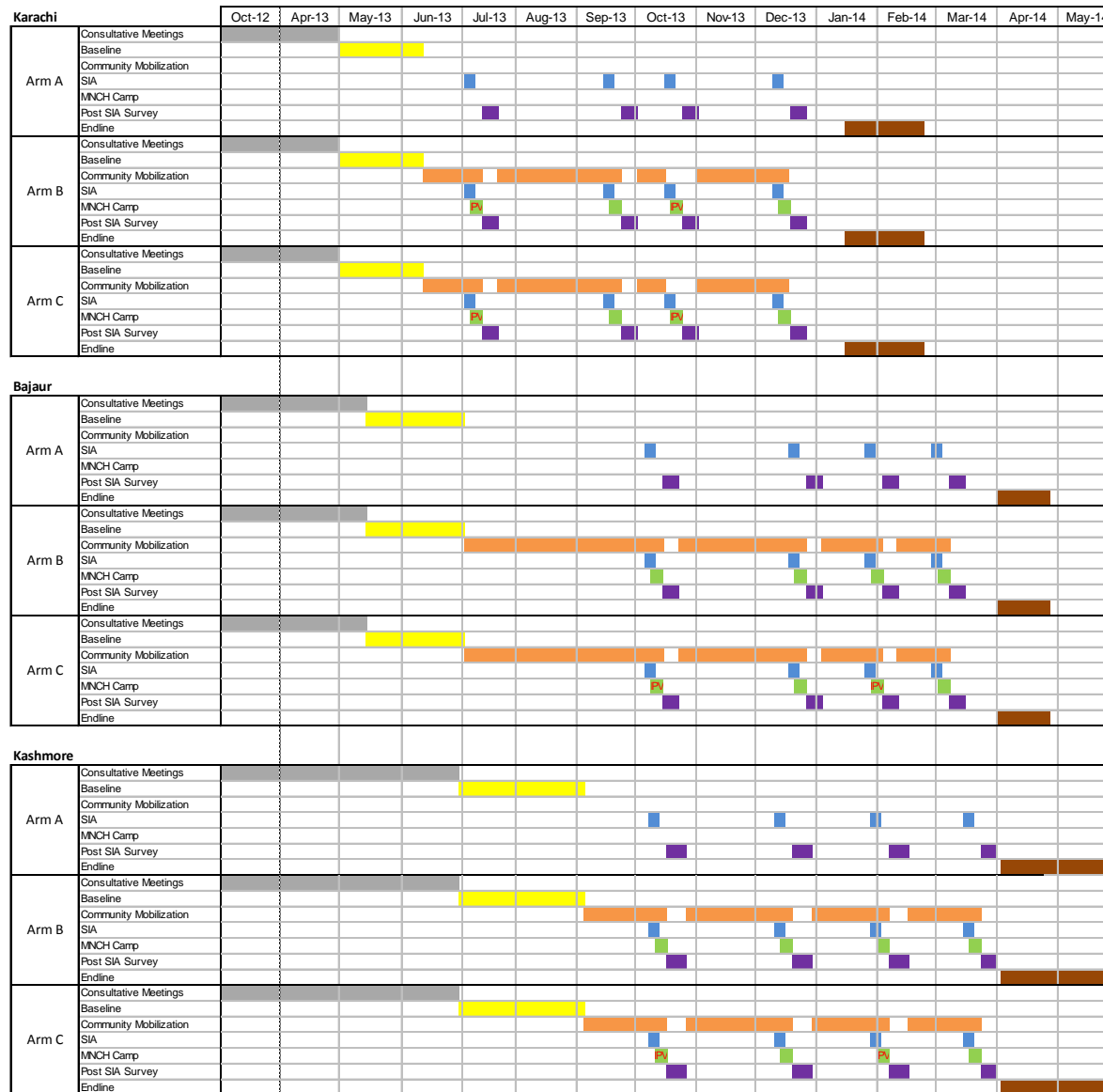
Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Habib MA, Soofi S, Cousens S, et al. Community engagement and integrated health and polio immunisation campaigns in conflict-affected areas of Pakistan: a cluster randomised controlled trial. *Lancet Glob Health* 2017; **5**: e593–603.

Web Appendix
Supplementary materials

Figure
Gantt chart of activities



Web Table 1

Global Wild Poliovirus 2011 - 2016

Country or territory ³	Wild virus confirmed cases								Wild virus reported from other sources ²						Date of most recent virus	
	Total					01 Jan - 27 Dec ¹		Onset of most recent type 3	Onset of most recent type 1	Total						
	2011	2012	2013	2014	2015	2015	2016			2011	2012	2013	2014	2015		2016
Pakistan	198	58	93	306	54	51	19	18-Apr-12	03-Nov-16	136	89	66	127	84	56	02-Dec-16
Afghanistan	80	37	14	28	20	19	12	11-Apr-10	12-Oct-16				17	20		27-Dec-15
Nigeria	62	122	53	6	0	0	4	10-Nov-12	21-Aug-16	1	15	3	1			05-May-14
Somalia	0	0	194	5	0	0	0	NA	11-Aug-14							
Cameroon	0	0	4	5	0	0	0	15-Oct-09	09-Jul-14							
Equatorial Guinea	0	0	0	5	0	0	0	NA	03-May-14							
Iraq	0	0	0	2	0	0	0	NA	07-Apr-14							
Israel ⁴	0	0	0	0	0	0	0	NA	NA			136	14			30-Mar-14
Syrian Arab Republic	0	0	35	1	0	0	0	NA	21-Jan-14							
Ethiopia	0	0	9	1	0	0	0	NA	05-Jan-14							
West Bank and Gaza	0	0	0	0	0	0	0	NA	NA			7	1			05-Jan-14
Kenya	1	0	14	0	0	0	0	NA	14-Jul-13			1				12-Oct-13
Egypt	0	0	0	0	0	0	0	NA	03-May-04		2					06-Dec-12
Niger	5	1	0	0	0	0	0	19-Jan-11	15-Nov-12							
Chad	132	5	0	0	0	0	0	10-Mar-11	14-Jun-12							
DRC	93	0	0	0	0	0	0	24-Jun-09	20-Dec-11							
CAR	4	0	0	0	0	0	0	09-Aug-09	08-Dec-11							
China	21	0	0	0	0	0	0	NA	09-Oct-11							
Guinea	3	0	0	0	0	0	0	03-Aug-11	03-Nov-09							
Côte d'Ivoire	36	0	0	0	0	0	0	24-Jul-11	06-Aug-09							
Angola	5	0	0	0	0	0	0	17-Nov-08	07-Jul-11							
Mali	7	0	0	0	0	0	0	23-Jun-11	01-May-10							
Congo	1	0	0	0	0	0	0	NA	22-Jan-11							
Gabon	1	0	0	0	0	0	0	NA	15-Jan-11							
India	1	0	0	0	0	0	0	22-Oct-10	13-Jan-11							10-Nov-10
Total	650	223	416	359	74	70	35			137	106	213	160	104	56	
Total wild virus type 1⁵	583	202	416	359	74	70	35									
Total wild virus type 3	67	21	0	0	0	0	0									
Tot. in endemic countries	341	217	160	340	74	70	35									
Tot. in non-end countries	309	6	256	19	0	0	0									
No. of countries (infected)	16	5	8	9	2	2	3									
No. of countries (endemic)	4	3	3	3	3⁶	3⁶	3									

Countries in yellow are endemic ¹Data in WHO HQ on 28 December 2015 for 2015 data and 27 December 2016 for 2016 data.

²Wild viruses from environmental samples, contacts & other sources. ³In March 2014, a serotype 1 wild poliovirus was detected in an environment specimen from Brazil, further investigation indicates this is an isolated event without evidence of circulation. ⁴Results are based on L20B positive culture. Prior to reporting week 16, 2014, results were based on a combination of direct qRT-PCR on RNA from concentrated sewage and L20B positive culture. ⁵Includes 1 case in 2012 with a mixture of W1W3 virus.

⁶Between 27 Sep 2015 and 27 Sep 2016. Nigeria was not classified as endemic. NA - Most recent case had onset date 1999

Data in WHO Headquarters as of Dec 27, 2016

Web Table 2: Sample Size Estimation

Estimated mean OPV coverage in communities without the intervention (per true population denominator) baseline	80%
Average OPV coverage communities with the intervention	85%
Average number of children/cluster	150
Value of z-alpha (for a significance level of 5% insert 1.96)	1.96
Coefficient of Variation	0.14
Number of clusters required in each arm	120
Total number of clusters (3 Arms)	360
Power of the study	90%

Web Table 3: Community mobilization Sessions by Site & group

Site	Estimated Population	Mobilization at household level	Sessions with Female groups	Sessions with Male groups	Sessions with Health Care Providers	Sessions with Influencers
Karachi	141849	7940	75	89	122	41
Bajaur	200768	5500	18	75	34	21
Kashmore	145353	7074	101	88	56	68

Web Table 4: Completeness of post-SIA surveys by round site and arm (i.e. proportion of records which were complete)

	Site								
	Karachi			Bajaur			Kashmore		
	Control (Arm A)	Community Mobilization and Health Camps (Arm B)	Community Mobilization and Health Camps and IPV (Arm C)	Control (Arm A)	Community Mobilization and Health Camps (Arm B)	Community Mobilization and Health Camps and IPV (Arm C)	Control (Arm A)	Community Mobilization and Health Camps (Arm B)	Community Mobilization and Health Camps and IPV (Arm C)
Round 1	89% (553/630)	89% (555/630)	88% (524/600)	63% (746/1200)	91% (1093/1200)	91% (1092/1200)	96% (1184/1230)	96% (1153/1200)	92% (1157/1260)
Round 2	59% (705/1200)	65% (810/1260)	69% (820/1200)	91% (1090/1200)	95% (1148/1200)	90% (1075/1200)	97% (1196/1230)	97% (1169/1200)	97% (1226/1260)
Round 3	84% (999/1170)	86% (1097/1260)	84% (1019/1200)	95% (1133/1200)	98% (1179/1200)	91% (1087/1200)	97% (1193/1230)	98% (1172/1200)	98% (1223/1260)
Round 4	77% (801/1020)	81% (1037/1260)	79% (955/1200)	97% (1168/1200)	97% (1177/1200)	86% (1042/1200)	90% (1128/1230)	89% (1094/1200)	94% (1195/1260)

Web Table 5: Reasons given for non-receipt of OPV

	Team did not visit	Child was away	Child was asleep	Child was ill	Refused	Other	Total
Overall	4449 (51%)	1850 (21%)	733 (8%)	161 (2%)	180 (2%)	1305 (15%)	8678 (100%)
Control	2063 (58%)	673 (19%)	251 (7%)	29 (1%)	111 (3%)	442 (12%)	3769 (100%)
Camp, no IPV	1299 (48%)	683 (25%)	232 (9%)	42 (2%)	40 (1%)	399 (15%)	2695 (100%)
Camp, with IPV	1087 (45%)	494 (20%)	250 (10%)	90 (4%)	29 (1%)	494 (20%)	2414 (100%)
Karachi	1437 (64%)	398 (18%)	47 (2%)	41 (2%)	174 (8%)	162 (7%)	2259 (100%)
Bajaur	986 (47%)	426 (20%)	205 (10%)	20 (1%)	1 (<1%)	454 (22%)	2092 (100%)
Kashmore	2026 (47%)	1026 (24%)	481 (11%)	100 (2%)	5 (<1%)	689 (16%)	4327 (100%)
Round 1	1606 (55%)	627 (21%)	227 (8%)	39 (1%)	79 (3%)	366 (13%)	2944 (100%)
Round 2	1011 (54%)	353 (19%)	162 (9%)	60 (3%)	30 (2%)	244 (13%)	1860 (100%)
Round 3	1056 (47%)	551 (25%)	165 (7%)	26 (1%)	545 (2%)	381 (17%)	2233 (100%)
Round 4	776 (47%)	319 (19%)	179 (11%)	36 (2%)	17 (1%)	319 (19%)	1641 (100%)

Web Table 6: Reasons given for non-receipt of IPV

	Did not visit camp	Child was absent	Child was ill	Vaccine not safe	Refused	Other	Total
Overall	83 (15%)	188 (35%)	30 (5%)	26 (5%)	103 (19%)	115 (21%)	545 (100%)
Karachi	25 (13%)	44 (23%)	8 (4%)	19 (10%)	41 (22%)	52 (28%)	189 (100%)
Bajaur	47 (20%)	89 (37%)	7 (3%)	7 (3%)	45 (18%)	44 (19%)	239 (100%)
Kashmore	11 (9%)	55 (47%)	16 (14%)	0 (0%)	17 (14%)	18 (15%)	117 (100%)
Round 1	26 (8%)	114 (37%)	23 (21%)	18 (6%)	65 (21%)	66 (22%)	312 (100%)
Round 3	57 (24%)	74 (32%)	7 (3%)	8 (3%)	38 (16%)	49 (20%)	233 (100%)

Web Table 7: KAP about IPV



	Site	Arm		
		Control (Arm A)	Community Mobilization + Health Camps (Arm B)	Community Mobilization + Health Camps + IPV (Arm C)
Awareness on availability of IPV in addition to OPV (Proportion aware of availability of IPV)	Karachi	13% (9 to 16%)	41% (32 to 49%)	74% (69 to 79%)
	Bajaur	22% (14 to 29%)	30% (23 to 38%)	87% (84 to 91%)
	Kashmore	19% (12 to 26%)	46% (36 to 57%)	93% (91 to 96%)
	Total	18% (14 to 21%)	40% (34 to 45%)	84% (82 to 87%)
Perception regarding use of IPV (Proportion having positive perception about IPV)	Karachi	52% (46 to 58%)	72% (65 to 79%)	90% (87 to 92%)
	Bajaur	59% (51 to 68%)	66% (58 to 75%)	95% (93 to 96%)
	Kashmore	77% (69 to 86%)	91% (87 to 95%)	98% (97 to 99%)
	Total	63% (59 to 68%)	77% (73 to 81%)	94% (93 to 96%)
Perception regarding safety of IPV (Proportion considering IPV as “completely safe”)	Karachi	28% (22 to 34%)	49% (41 to 58%)	73% (69 to 78%)
	Bajaur	35% (26 to 43%)	42% (35 to 50%)	79% (74 to 84%)
	Kashmore	63% (54 to 72%)	78% (70 to 86%)	91% (87 to 95%)
	Total	42% (38 to 48%)	57% (52 to 63%)	81% (79 to 84%)
Acceptability of IPV for children under 5 (Proportion willing to have their children vaccinated with IPV)	Karachi	65% (61 to 69%)	78% (74 to 81%)	82% (79 to 85%)
	Bajaur	77% (70 to 85%)	81% (74 to 89%)	96% (95 to 98%)
	Kashmore	93% (89 to 96%)	94% (91 to 97%)	93% (91 to 96%)
	Total	79% (75 to 82%)	84% (82 to 87%)	90% (89 to 92%)
Knowledge about use of IPV in combination with OPV (Proportion aware of benefits of IPV OPV use in combination)	Karachi	71% (68 to 75%)	79% (75 to 84%)	86% (83 to 89%)
	Bajaur	80% (73 to 86%)	82% (76 to 88%)	95% (93 to 97%)
	Kashmore	95% (92 to 98%)	97% (95 to 99%)	98% (97 to 99%)
	Total	82% (79 to 85%)	87% (84 to 89%)	93% (91 to 94%)

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MCCP-1: Baseline questionnaire

Instructions: Introduce yourself and explain the reason of your arrival.

Before starting the interview take verbal consent, did you get permission? YES

NO

If permission not granted, stop interviewing and proceed to the next household.

Section 1: Identification Information		
1.1	Name of City:	1)Karachi (3) Bajaor (4) Kashmore
1.2	Union Council / Tehsil (Code) :	<input type="checkbox"/> <input type="checkbox"/> _____
1.3	Block, Street, Colony, Village code/ Name:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____
1.4	Cluster Number:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
1.5	House Hold number:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
1.6	Complete Address including landmark:	_____ _____
1.7	Name/Code of Interviewer:	<input type="checkbox"/> <input type="checkbox"/> _____
1.8	Name of Respondent :	
	Age of Respondent (In Years) :	
1.9	Gender of Respondent:	1. Male: <input type="checkbox"/> 2. Female <input type="checkbox"/>
1.10	Qualification of Respondent:(Mention complete years of education, mention code 55 for un educated, 17 for Professional and 22 for religious studies respectively.	
1.11	Profession of Respondent: (Use Codes from Question Number 16)	
1.12	Interview Date/Time HH ____ MM ____	YY ____ MM ____ DD ____
1.13	Result Of Interview:	(1) Complete (2) Incomplete
1.14	If the interview is Incomplete, Mention the Reason.	Reason: _____ _____
Codes For Profession	1)Professional 2)Office worker 3)Business man 4)Soldier/working wearing uniform 5) Unskilled working with hands 6) Skilled working with hands 7) Vegetable seller 8) Vendor 9) Farmer 10) Cook 11) Driver 12) Student 13) Unemployed 14) Retired 15) Housewife Janitor 17) Laboratory worker	

Section 2:

2.1	(a) Total family members including Children	(b) Male Members including male children of all ages	(c) Female Members including female children of all ages	(d) Number of under-five children		Remarks
				Male	Female	

2.2	(a) Name of Child	(b) Father's Name	(c) (Gender)		(d) Age			(e) Vitamin A drops given in last 6 months? Yes ---1 No ----2	(f) OPV given in last campaign? Yes ---1 No ----2	(g) During polio campaign how many times polio drops are given?-	Vaccination Card available Yes ---1 No ---2	Immunization Status (To be filled for every under 5- Child present in Household)					
			Male -----1 Female-----2	Years	Months	Days	At Birth					At 6 Weeks	At 10 Weeks	At 14 Weeks	At 9 months	At 15 months	
							Yes ---1 No ----2					Yes ---1 No ----2	Yes ---1 No ----2	Yes ---1 No ----2	Yes ---1 No ----2	Yes ---1 No ----2	
1											BCG	Penta 1	Penta 2	Penta 3	Measles1	Measles 2	
											Source	Source	Source	Source	Source	Source	
											Scar	PCV 1	PCV 2	PCV 3			
											OPV 0	Source	Source	Source			
											Source	OPV 1	OPV 2	OPV 3			
												Source	Source	Source			
2											BCG	Penta 1	Penta 2	Penta 3	Measles1	Measles 2	
											Source	Source	Source	Source	Source	Source	
											Scar	PCV 1	PCV 2	PCV 3			
											OPV 0	Source	Source	Source			
											Source	OPV 1	OPV 2	OPV 3			
												Source	Source	Source			

Codes: Source= [1] Card [2] Reported by mother/care taker Scar Yes [1] No [2] Child not available [3]

List the under five children & answer the questions. If there are more than 7 children, please write on extra sheet.

2.2	(b) Name of Child	(b) Father's Name	(c) (Gender)		(d) Age			(e)	(f)	(g)	Vaccination Card available Yes ---1 No ---2	Immunization Status (To be filled for every under 5- Child present in Household)											
			Male -----1 Female-----2	Years	Months	Days	Vitamin A drops given in last 6 months? Yes ---1 No -----2	OPV given in last campaign? Yes ---1 No ----2	During polio campaign how many times polio drops are given?:-	At Birth		At 6 Weeks	At 10 Weeks	At 14 Weeks	At 9 months	At 15 months							
										Yes ---1 No -----2		Yes ---1 No -----2	Yes ---1 No -----2	Yes ---1 No -----2	Yes ---1 No -----2	Yes ---1 No -----2							
3												BCG		Penta 1		Penta 2		Penta 3		Measles1		Measles 2	
												Source		Source		Source		Source		Source		Source	
												Scar		PCV 1		PCV 2		PCV 3					
												OPV 0		Source		Source		Source					
												Source		OPV 1		OPV 2		OPV 3					
														Source		Source		Source					
4												BCG		Penta 1		Penta 2		Penta 3		Measles1		Measles 2	
												Source		Source		Source		Source		Source		Source	
												Scar		PCV 1		PCV 2		PCV 3					
												OPV 0		Source		Source		Source					
												Source		OPV 1		OPV 2		OPV 3					
														Source		Source		Source					
5												BCG		Penta 1		Penta 2		Penta 3		Measles1		Measles 2	
												Source		Source		Source		Source		Source		Source	
												Scar		PCV 1		PCV 2		PCV 3					
												OPV 0		Source		Source		Source					
												Source		OPV 1		OPV 2		OPV 3					
														Source		Source		Source					

Codes: Source= [1] Card [2] Reported by mother/care taker Scar Yes [1] No [2] Child not available [3]

Section 3: Socio Economics and Demographic Characteristic

Question Number	Question	Answers	Skips
3.1	What is the primary construction material Used to build the house (by Observation)?	1. Cement 2. Lime Bricks 3. Red Bricks 4. Wood 5. Tin sheets 6. Thatch 7. Any Other Explain: _____ _____	
3.2	Observe the primary construction material Used to build the roof?	1. Bricks/Tiles 2. Cement 3. Wooden 4. Thatch 5. Sand/Mud 7. Any Other Explain: _____ _____	
3.3	What is the owner ship status of this house?	1. Owned 2. By employer 3. Rented 4. Gifted 7. Any Other Explain: _____ _____	If the Answer Is 1,2 OR 4 so skip Q # 3.4
3.4	If this house is rental, what is the monthly Rent of this house?	Rupees: _____	
3.5	How many rooms in this HH used for sleeping?	Quantity: <input type="text"/> <input type="text"/>	
3.6	What kind of toilet facility do members of your HH family usually use?	1. Flush/piped sewerage 2. Pit flush 3. Flush attached to open sewerage lines 4. Qadamcha laterine 5. Open ground 7. Any Other Explain: _____ _____	
3.7	What is the drainage system of this HH? (Through observation)	1. Underground sewerage lines 2. Open sewerage line 3. Unattached sewerage lines 7. Any Other Explain: _____ _____	
3.8	What is the important source of drinking water In this HH?	1. Govt.Piped water 2. Govt. well 3. Govt. Hand pump 4. Bottle water (mineral Water) 5. Water tanker/ cart with a small Tank Or drum etc. 6. Own tap 7. Own well 8. Own hand pump 9. Lake/pond/stream Water 10. Boring 11. Any Other Explain: _____ _____	Multiple responses
3.9	Do you usually buy water to use at HH?	1.Yes <input type="checkbox"/> 2. No <input type="checkbox"/> 3. Sometimes <input type="checkbox"/>	

3.10	What fuel does your HH use for cooking?	1. Electricity 2. Gas 3. Wood 4. kerosene oil 5. Coal 6. Muck (Gobar) 7. Any Other Explain: _____ _____	Multiple responses
3.11	What transport does most of the family Members of this HH usually use?	1. Private car 2. Company car 3. Motorcycle 4. Public transport 5. By walk 6. Cycle 7. Any Other Explain: _____ _____	

Question #: 3.12 : Do you have the following objects at your home? If Yes so tick mark on the respective column.

Electricity	[]	Refrigerator	[]	T.V	[]	Motor Sycle	[]
Radio	[]	Sewing Machine	[]	Sofa	[]	Cycle	[]
Telephone	[]	Cable	[]	Washing Machine	[]	Car	[]
Boat	[]	Mobile Phone	[]	Electric fan	[]	V.C.R	[]
Air conditioner	[]	Air cooler	[]	Geyser	[]	Microwave oven	[]
Iron	[]	Personal computer	[]	Camera	[]	Heater	[]
3.13	For how long you had been living in this house?		Months: <input type="text"/>	Years: <input type="text"/>			
3.14	Do you have any plans to shift somewhere else Next year?		1.Yes	2.No	3.Don't know		
3.15	Profession of House Hold Head					Use codes Of Q # 16	
Q # 3.16: Profession of the most supportive person in household expenses.							
3.16	1)Professional 2)Office worker 3)Business man 4)Soldier/working wearing uniform 5) Unskilled working with hands 6) Skilled working with hands 7) Vegetable seller 8) Vendo 9) Farmer 10) Cook 11) Driver 12) Student 13) Unemployed 14) Retired 15) Housewife 16) Janitor 17) Laboratory worker 18) Any Other Explain: _____						

Section 4: Information Awareness

Question #	Questions	Answers	Skips
4.1	Do you usually boil water before drinking?	1.Yes 2.No 3.Don't know	
4.2	Do you wash your hands before eating?	1.Yes 2.No 3.Don't know	
4.3	Do you wash your hands after toilet?	1.Yes 2.No 3.Don't know	
4.4	Observe whether soap is available at washing Area?	1.Yes 2.No 3.Don't know	

4.5	Observe where is the dustbin placed?	1. In the house 2. Outside home 3.No dustbin 4. Any other explain: _____ 98. Don't know	
4.6	What technique do you use to stop the breeding of flies and mosquitos?	1. Spray 2. Mat 3. Mosquito net 4. Globe 5. Smoke Or frankincense 6. Any other explain: _____	Multiple responses
4.7	Where and to whom do you and your family member go for medical check up?	1. Govt. Health care facility 2. Private health care facility 3. Any other explain: _____	
4.8	How much time does it take to reach any govt Or private health care facility near your house by walk?	1.Time (in minutes): _____	
4.9	Write down the name and address of the private or government health care facility?	Name: _____ Address: _____	
4.10	Where do you take your children for Immunization?	1. Govt. Health care facility 2. Private health care facility 3. MCCP Health Camp	
4.11	Write down the name and address of the private or government health care facility?	Name: _____ Address: _____	
4.12	Have you ever refused to immunize your Children with polio drops?	1.Yes 2.No 3.Don't know	If the Answer Is 1 skip Q # 4.13
4.13	If yes, Please tell us the reason.	Reason: _____	

Responsible person (S)	Name of person (S) (code)	Signature	Date (dd/mm/yyyy)
Data Collector			
Team Leader			
Monitoring Supervisor			
First Data Entry			
Second Data Entry			

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MCCP End-line Questionnaire

Instructions: Introduce yourself and explain the reason of your arrival.

Before starting the interview take verbal consent, did you get permission? YES NO

If permission not granted, stop interviewing and proceed to the next household.

Section 1: Identification Information		
1.1	Name of City:	1)Karachi (3) Bajaur (4) Kashmore
1.2	Union Council / Tehsil (Code) :	<input type="checkbox"/> <input type="checkbox"/> _____
1.3	Block, Street, Colony, Village code/ Name:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____
1.4	Cluster Number:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
1.5	House Hold number:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
1.6	Complete Address including landmark:	_____ _____
1.7	Name/Code of Interviewer:	<input type="checkbox"/> <input type="checkbox"/> _____
1.8	For how long you live in this house	YY _____ MM _____ DD _____
1.9	Name of Respondent :	
	Age of Respondent (In Years) :	
1.10	Gender of Respondent:	2. Male: <input type="checkbox"/> 2. Female <input type="checkbox"/>
1.11	Qualification of Respondent: (Mention complete Years of education, mention code 55 for uneducated, 17 for Professional and 22 for religious studies, Respectively.	
1.12	Profession of Respondent: (Use Codes from given below)	
1.13	Interview Date/Time HH _____ MM _____	YY _____ MM _____ DD _____
1.14	Result Of Interview:	(2) Complete (2) Incomplete
1.15	If the interview is Incomplete, Mention the Reason.	Reason: _____ _____

Codes For Profession	1)Professional 2)Office worker 3)Business man 4)Soldier/working wearing uniform 5) Unskilled working with hands 6) Skilled working with hands 7) Vegetable seller 8) Vendor 9) Farmer 10) Cook 11) Driver 12) Student 13) Unemployed 14) Retired 15) Housewife 16) Janitor 17) Laboratory worker
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Section 2:

2.1	(a) Total family members including Children	(b) Male Members including male children of all ages	(c) Female Members including female children of all ages	(d) Number of under-five children		Remarks
				Male	Female	

2.2	(c) Name of Child	(b) Father's Name	(c) (Gender)		(d) Age			(e) Vitamin A drops given in last 6 months? Yes ---1 No ----2	(f) OPV given in last campaign? Yes ----1 No ----2	(g) During polio campaign how many times polio drops are given?-'	Vaccination Card available Yes ---1 No ---2	Immunization Status (To be filled for every under 5- Child present in Household)					
			Male -----1	Female-----2	Years	Months	Days					At Birth	At 6 Weeks	At 10 Weeks	At 14 Weeks	At 9 months	At 15 months
												Yes ---1 No -----2	Yes ---1 No -----2	Yes ---1 No -----2	Yes ---1 No -----2	Yes ---1 No -----2	Yes ---1 No -----2
1											BCG	Penta 1	Penta 2	Penta 3	Measles1	Measles 2	
											Source	Source	Source	Source	Source	Source	
											Scar	PCV 1	PCV 2	PCV 3			
											OPV 0	Source	Source	Source			
											Source	OPV 1	OPV 2	OPV 3			
												Source	Source	Source			
2											BCG	Penta 1	Penta 2	Penta 3	Measles1	Measles 2	
											Source	Source	Source	Source	Source	Source	
											Scar	PCV 1	PCV 2	PCV 3			
											OPV 0	Source	Source	Source			
											Source	OPV 1	OPV 2	OPV 3			
												Source	Source	Source			

Codes: Source= [1] Card [2] Reported by mother/care taker Scar Yes [1] No [2] Child not available [3]

List the under five children & answer the questions. If there are more than 7 children, please write on extra sheet.

2.2	(d) Name of Child	(b) Father's Name	(c) (Gender)		(d) Age			(e)	(f)	(g)	Vaccination Card available	Immunization Status (To be filled for every under 5- Child present in Household)					
			Male -----1 Female-----2	Years	Months	Days	Vitamin A drops given in last 6 months? Yes ---1 No -----2	OPV given in last campaign? Yes ---1 No ----2	During polio campaign how many times polio drops are given?--	At Birth		At 6 Weeks	At 10 Weeks	At 14 Weeks	At 9 months	At 15 months	
										Yes ---1 No -----2		Yes ---1 No -----2	Yes ---1 No -----2	Yes ---1 No -----2	Yes ---1 No -----2	Yes ---1 No -----2	
3											BCG	Penta 1	Penta 2	Penta 3	Measles1	Measles 2	
											Source	Source	Source	Source	Source	Source	
											Scar	PCV 1	PCV 2	PCV 3			
											OPV 0	Source	Source	Source			
											Source	OPV 1	OPV 2	OPV 3			
												Source	Source	Source			
4											BCG	Penta 1	Penta 2	Penta 3	Measles1	Measles 2	
											Source	Source	Source	Source	Source	Source	
											Scar	PCV 1	PCV 2	PCV 3			
											OPV 0	Source	Source	Source			
											Source	OPV 1	OPV 2	OPV 3			
												Source	Source	Source			
5											BCG	Penta 1	Penta 2	Penta 3	Measles1	Measles 2	
											Source	Source	Source	Source	Source	Source	
											Scar	PCV 1	PCV 2	PCV 3			
											OPV 0	Source	Source	Source			
											Source	OPV 1	OPV 2	OPV 3			
												Source	Source	Source			

Codes: Source= [1] Card [2] Reported by mother/care taker Scar Yes [1] No [2] Child not available [3]

Section 3: Health Seeking Behavior					
Question #	Questions	Answers			Skips
3.1	Do you usually boil water before drinking?	1. Always	2. Sometime	3. Never	
3.2	Do you wash your hands before eating?	1. Always	2. Sometime	3. Never	
3.3	Do you wash your hands after toilet?	1. Always	2. Sometime	3. Never	
3.4	What method(s) do you use to stop the breeding of flies and mosquitos?	1. Spray 2. Mat 3. Mosquito net 4. Globe 5. Smoke Or frankincense 6. Any other Explains: _____			Multiple responses
3.5	Where and to whom do you and yours family members go for medical check up?	1. Govt. Health care facility 2. Private health care facility 3. Any other explain: _____			
3.6	How much time does it take to reach any Govt Or Private health care facility near your house by walk?	1.Time (in minutes):_____			
3.7	Do you vaccinate your children?	1.Yes	2.No	3.Don't know	
3.8	If No, please give reason?				
3.9	Where do you take your children for Immunization?	1. Govt. Health care facility 2. Private health care facility 3. MCCP Health Camp			
3.10	Did your children receive polio drops during last national polio campaign?	1.Yes	2.No	3.Don't know	
3.11	Have you ever refused to immunize your Children with polio drops?	1.Yes 2.No 3.Don't know 4.Sometimes			If the Answer Is 2 OR 3 skip Q # 3.12
3.12	If Yes, Please tell us the reason?	Reason: _____			

Section 4: Information Awareness			
Question #	Questions	Answers	Skips
4.1	Is it necessary to seek care at least 4 times during pregnancy?	1.Yes 2.No 3.Don't know	
4.2	Is it necessary to use folic acid during pregnancy?	1.Yes 2.No 3.Don't know	
4.3	For a safe delivery following measures are Important.		
4.3.1	Trained health care facilitator	1.Yes 2.No 3.Don't know	
4.3.2	Identification of proper health facility or hospital	1.Yes 2.No 3.Don't know	
4.3.3	Arrangement of money	1.Yes 2.No 3.Don't know	
4.3.4	Arrangement of vehicle	1.Yes 2.No 3.Don't know	
4.3.5	Tetanus vaccination	1.Yes 2.No 3.Don't know	
4.4	Should mother first milk (colostrum) be Discarded after birth?	1.Yes 2.No 3.Don't know	
4.5	Should children be feed only mother's milk for 6 Months? Even no water given?	1.Yes 2.No 3.Don't know	
4.6	Do you think vitamin A drops are increases the strength immunity of children?	1.Yes 2.No 3.Don't know	
4.7	Do you think vitamin A drops decrease the complication of measles in children?	1.Yes 2.No 3.Don't know	
4.8	Following are the measures for hygiene:		
4.8.1	Washing hands before cooking and eating Food.	1.Yes 2.No 3.Don't know	
4.8.2	Washing face with soap after toilet	1.Yes 2.No 3.Don't know	
4.8.3	Use Boil water for drinking	1.Yes 2.No 3.Don't know	
4.8.4	Throw the HH garbage/ litter outside home on the street	1.Yes 2.No 3.Don't know	

4.8.5	Breeding flies and mosquitos	1.Yes	2.No	3.Don't know	
4.9	Is the Objective of MCCP to give awareness about Mother & child health & vaccination?	1.Yes	2.No	3.Don't know	

Section 5: Polio / IPV KAP Information and Awareness					
Question #	Questions	Answers			Skips
5.1	Is the polio disease curable?	1.Yes	2.No	3.Don't know	
5.2	Do you think polio is a major health problem?	1.Yes	2.No	3.Don't know	
5.3	Even if the child has received all Routine vaccines, is it still important to give polio drops to all under 5 children in each Polio campaign?	1.Yes	2.No	3.Don't know	
5.4	Should polio drops be given to sick children during Polio campaigns?	1.Yes	2.No	3.Don't know	
5.4A	How do you prevent your child from polio?	1. Appropriate procedure to bin garbage 2. Polio Vaccine 3. Away from polio effected child 4. Don't know 5. Other: _____			Multiple responses
5.5	Do you think polio drops prevent your children Form this disease?	1.Yes	2.No	3.Don't know	
5.6	In your opinion how beneficial is polio drops are?	1. Completely safe		2. Safe to some extent	
		3. Not safe		4. Don't Know	
5.7	Do you know that apart from polio drops, polio Injections are also available?	1.Yes	2.No	3.Don't know	
5.8	Do you think polio injection should be Introduced?	1.Yes	2.No	3.Don't know	
5.9	How safe are the polio injections in your Opinion?	1. Completely safe		2. Safe to some extent	
		3. Not safe		4. Don't Know	
5.10	Will you get your children vaccinated with polio Injection?	1.Yes	2.No	3.Don't know	If the answer of is 1 ask 5.12 if 2 Ask 5.11 &

			If 3 skip 5.11 and 5.12.
5.11	If No, then why not?	Reason: _____	
5.12	Which place would you prefer for polio vaccine?	1. Govt. Health care facility 2. Private health care facility 3. Any other explain: _____	
5.13	Do you recommend your child to give polio vaccine along with polio drops?	1.Yes 2.No 3.Don't know	
5.14	If No, please specify the reason?	Reason: _____	

Section 6: Health Camp related Information (Do not ask from Group A)

Question #	Questions	Answers	Skips
6.1	Did you visit MCCP health camp in last 6 months?	1.Yes 2.No 3.Don't know	If the answer of is 1 ask 6.2 if 2 Ask 6.3 & If 3 skip 6.2 and 6.3.
6.2	If Yes, what health facility did you receive?	1. Mother health examination 2. Mother H.B 3. Medicines for mothers 4. Child health examination 5. Child H.B 6. Medicines for children 7. EPI vaccines for children 8. Polio drops for children 9. Any other: _____	Multiple responses
6.3	If No, please specify the reason.	Reason: _____	
6.4	Do you think these types of camps should be Conducted in the future?	1.Yes 2.No 3.Don't know	
6.5	If Yes, what would you suggest to make it more beneficial?	Suggestions:	
6.6	If No, please specify the reason.	Reason: _____	
6.7	Did you vaccinate your child with polio vaccine during these camps?	1.Yes 2.No 3.Don't know	Ask this question

			in group C only
6.8	If No, please specify the reason.	Reason: _____	
6.9	After receiving these vaccines did your child suffer with any illness?	1.Yes 2.No 3.Don't know	If the answer of is 1 ask 6.10
6.10	If yes, how does he suffer?	1. Diarrhea 2. Fever 3. Pain 4. Any other: _____	

Responsible person (S)	Name of person (S) (code)	Signature	Date (dd/mm/yyyy)
Data Collector			
Team Leader			
Monitoring Supervisor			
First Data Entry			
Second Data Entry			