

ANNEX

Annex 1: Patients and family sociodemographic data and care seeking information, health care provider and health facility characteristics

Children & care-seeking	ALMANACH		Control		p value	Total	
	n	(%)	n	(%)		n	(%)
Pre-SARS-CoV2 (March 2020)	343	(61·4)	216	(38·6)	< 0·001 #	559	(100)
During SARS-CoV2 (Jul-Sep 2020)	678	(49·5)	692	(50·5)		1370	(100)
Age in months							
2 to 5	105	(10·3)	101	(11·1)	0·02 #	206	(10·7)
6 – 11	140	(13·7)	118	(13·0)		258	(13·4)
12 – 23	256	(25·1)	213	(23·5)		469	(24·3)
24 – 59	508	(49·8)	453	(49·9)		961	(49·8)
Unknown	12	(1·2)	23	(2·5)		35	(1·8)
Sex							
Female	483	(47·3)	456	(50·2)	0·02 #	939	(48·7)
Male	526	(51·5)	429	(47·3)		955	(49·5)
Unknown	12	(1·2)	23	(2·5)		35	(1·8)
Presenting symptoms¹							
Fever	899	(88·1)	783	(86·2)	0·23 #	1,682	(87·2)
Cough / difficulty breathing	369	(36·1)	312	(34·4)	0·41 #	681	(35·3)
Diarrhoea	317	(31·1)	283	(31·2)	0·96 #	600	(31·1)
Vomiting	329	(32·2)	264	(29·1)	0·14 #	593	(30·8)
Skin	41	(4·0)	55	(6·1)	0·04 #	96	(5·0)
Other	333	(36·7)	371	(36·3)	0·88 #	704	(36·5)
Onset of symptoms prior to consultation							
Same or previous day	265	(26·0)	275	(30·3)	0·27 #	540	(28·0)
2 days to < 1 week	439	(43·0)	362	(39·9)		801	(41·5)
1 – 2 weeks	230	(22·5)	194	(21·4)		424	(22·0)
≥ 2 weeks	76	(7·4)	63	(6·9)		139	(7·2)
Unknown	11	(1·1)	14	(1·5)		25	(1·3)
Treatment in last 2 weeks							
Yes	543	(53·2)	521	(57·4)	0·05 #	1064	(55·2)
No	474	(46·4)	379	(41·7)		853	(44·2)
Unknown	4	(0·4)	8	(0·9)		12	(0·6)
Source of previous treatment							
Same facility	31	(3·0)	56	(6·2)	0·05 #	87	(4·5)
Other facility	31	(3·0)	21	(2·3)		52	(2·7)
Pharmacy / patent medicine store	440	(43·1)	397	(43·7)		837	(43·4)
Traditional healer	22	(2·2)	27	(3·0)		49	(4·5)
Informal (drug peddler / other)	15	(1·5)	13	(1·4)		28	(1·5)
Friend relatives/community	4	(0·4)	7	(0·8)		11	(1·0)
Unknown	478	(46·8)	387	(42·6)		865	(44·8)
Reported travel time to facility							
< 30 minutes	696	(68·2)	770	(84·8)	< 0·001 #	1,466	(76·0)
≥ 30 minutes	307	(30·1)	128	(14·1)		435	(22·6)
Unknown	18	(1·8)	10	(1·1)		28	(1·5)
Accompanying caregiver							
Mother	767	(75·1)	662	(72·9)	0·27 #	1429	(74·1)
Other	254	(24·9)	246	(27·1)		500	(25·9)
Mother's educational level							
No schooling	350	(34·3)	281	(31·0)	0·31 #	631	(32·7)
Primary	124	(12·1)	134	(14·8)		258	(13·4)
Secondary	252	(24·7)	212	(23·4)		464	(24·1)
Higher	38	(3·7)	34	(3·7)		72	(3·7)
Unknown	257	(25·2)	247	(27·2)		504	(26·1)
No. children <5 in household							
1 – 2	643	(63·0)	617	(68·0)	< 0·001 #	1260	(65·3)
3 – 4	211	(20·7)	211	(23·2)		424	(21·9)
≥ 5	110	(10·8)	77	(8·5)		187	(9·7)
Unknown	57	(5·6)	3	(0·3)		60	(3·1)
Health care providers							
144	(48·5)	153	(51·5)		297	(100)	
Qualification							
CHEW / CHO	71	(49·3)	67	(43·8)		138	(46·5)

Junior CHEW	37	(25·7)	31	(20·3)		68	(22·9)
Nurse / midwife	2	(1·4)	4	(2·6)	0·35 #	6	(2·0)
Other	34	(23·6)	51	(33·4)		85	(28·6)
Years of experience consulting children under 5 years (period)							
<1 year (2020)	4	(2·8)	5	(3·3)		9	(3·0)
1 – 4 years (2016-2019)	36	(25·0)	44	(28·8)	0·76 #	80	(26·9)
≥ 5 years ago (prior to 2016)	91	(63·2)	90	(58·8)		181	(60·9)
Unknown	13	(9·0)	14	(9·2)		27	(9·1)
HCPs' last IMCI training (date)							
<1 year ago (2020)	1	(0·7)	3	(2·0)		4	(1·4)
1 – 2 years ago (2018, 2019)	55	(38·2)	41	(26·8)		96	(32·3)
3 – 4 years ago (2016, 2017)	17	(11·8)	22	(14·4)	0·45 #	39	(13·1)
≥ 5 years ago (prior to 2016)	9	(6·3)	13	(8·5)		22	(7·4)
Never	49	(34·0)	60	(39·2)		109	(36·7)
Unknown	13	(9·0)	14	(9·2)		27	(9·1)
Date of ALMANACH training							
2020	17	(11·8)	2	(1·3)		19	(6·4)
2019	90	(62·5)	1	(0·7)		91	(30·6)
2018	6	(4·2)	0			6	(2·0)
Never	31	(21·5)	140	(98·0)		181	(60·9)
Health facilities							
Distance from main road							
< 30 minutes	32	(71·1)	33	(75·0)	0·81 #	65	(73·0)
≥ 30 minutes	13	(28·9)	11	(25·0)		24	(27·0)
Distance from referral hospital							
< 30 minutes	16	(35·6)	20	(45·5)	0·39 #	36	(40·5)
≥ 30 minutes	29	(64·4)	24	(54·6)		53	(59·6)
No. consultations children (U5) at facility / month							
0 – 99	15	(33·3)	22	(50·0)		37	(41·6)
100 – 199	16	(35·6)	15	(34·1)	0·19 #	31	(34·8)
≥ 200	11	(24·4)	4	(9·1)		15	(16·9)
Unknown	3	(6·7)	3	(6·8)		6	(6·7)
Health facility power supply							
All day (no interruptions)	7	(15·6)	4	(9·1)		11	(12·4)
All day (interruptions)	10	(22·2)	15	(34·1)	0·82 #	25	(28·1)
≤ Half a day	17	(37·8)	16	(36·4)		33	(37·1)
No electricity source	6	(13·3)	8	(18·2)		14	(15·7)
Unknown	5	(11·1)	1	(2·3)		6	(6·7)
Health facility water supply¹							
Piped	2	(4·4)	2	(4·6)	1·0 #	4	(4·5)
Pump / well	33	(73·3)	23	(52·3)	0·03 #	56	(62·9)
None	7	(15·6)	18	(40·9)	0·01 #	25	(28·1)
Unknown	5	(11·1)	1	(2·3)	0·20 #	6	(6·7)
Outages	7	(15·6)	10	(22·7)	0·43 #	17	(19·1)
Stock-outs of medicines for severe illness							
Parenteral antibiotics	10	(22·2)	15	(34·1)	0·15 #	25	(28·1)
Parenteral antimalarials	7	(15·6)	14	(31·8)	0·13 #	21	(23·6)

CHEW = Community Health Extension Worker

CHO = Community Health Officer

U5 = Under five years of age

¹ Multiple answers possible² Other symptoms: Child is feeling very weak/not drinking/not eating; child has an ear problem; belly problem; pain; painful urination; runny nose; blood in the stool; sore throat, I don't know; other;³ Other qualifications: Lab technician; EHO; medical doctor (n=1); other;

Chi-squared test

Fisher's exact test