

SUPPLEMENTAL TABLE 1
Relationship of knowledge and attitudes about diarrhea and care-seeking behavior: univariate analysis

	Did not seek care (N = 65)	Sought care (N = 284)	Crude odds ratio (95% confidence interval)	P value
Do you know ways to prevent these types of diarrhea? (%)				
Simple loose watery diarrhea	50.4	53.1	0.16 (0.11–0.74)	0.74
Rice watery diarrhea	49.3	42.4	0.76 (0.4–1.45)	0.40
Bloody diarrhea	47.4	40.1	0.74 (0.39–1.42)	0.37
Best way to prevent diarrhea* (%)				
Clean water and food	45.8	40.6	0.81 (0.42–1.55)	0.52
Improved nutrition	31.3	18.7	0.5 (0.24–1.08)	0.08
Hand washing	27.6	23.9	0.82 (0.39–1.74)	0.61
Medications	6.4	7.8	1.25 (0.34–4.57)	0.74
Proper disposal of human waste	5.6	6.8	1.22 (0.41–3.58)	0.72
Vaccines	1.7	2.4	1.4 (0.25–7.77)	0.70
Breastfeeding	5.2	1.5	0.28 (0.05–1.71)	0.17
Knowledge of mothers regarding signs of dehydration (%)				
Dry mouth	6.1	14.1	2.51 (0.71–8.96)	0.16
Decreased urination	1.1	2.6	2.46 (0.27–22.34)	0.42
Sunken eyes	34.4	27.3	0.72 (0.36–1.44)	0.35
Wrinkled skin	8.1	3.9	0.46 (0.14–1.53)	0.20
Lethargy	76.2	60.1	0.47 (0.22–0.99)	0.05
Coma/loss of consciousness	1.2	1.4	1.18 (0.12–12.11)	0.89
Increase thirst	5.5	17.8	3.71 (0.9–15.29)	0.07

*Multiple responses.

SUPPLEMENTAL TABLE 2

Relationship between demographic and socioeconomic factors, home care practices, clinical indicators, and logistical issues with care-seeking practices of families with diarrheal children: univariate analysis

	Did not seek care (N = 65)	Sought care (N = 284)	Crude odds ratio (95% confidence interval)	P value
Age (months)	25.8 ± 46.8	24.1 ± 47.4	0.99 (0.97–1.01)	0.47
People living in house for past 6 months	9.3 ± 19.8	9.2 ± 16.2	0.99 (0.93–1.07)	0.88
Number of rooms in the house	2.4 ± 5.4	2.2 ± 4.5	0.9 (0.72–1.12)	0.34
Total under 5-year-old children	2.2 ± 3	2.3 ± 5.3	1.04 (0.89–1.23)	0.59
Wealth index	0.20 ± 3.53	−0.08 ± 3.10	0.75 (0.56–1.01)	0.06
Child's age stratum (%)				
0–11 months	19.2	27.1	Reference	
12–23 months	30.9	23.3	0.71 (0.34–1.46)	0.92
24–59 months	49.9	49.6	0.53 (0.29–1)	0.11
Male child (%)	53.8	50.4	Reference	
Female child (%)	46.2	49.6	1.15 (0.6–2.18)	0.68
No formal education (%)	87.2	87.2	Reference	
Formal education (%)	12.8	12.8	1 (0.42–2.39)	0.99
Relationship with child (mother; %)	96	95.6	Reference	
Other (%)	4	4.4	1.12 (0.31–4.02)	0.86
Difficulties in seeking care (%)				
Flooding	1.1	3.1	2.95 (0.33–26.45)	0.33
Lack of transportation	13.7	13.2	0.96 (0.35–2.65)	0.94
Heavy rain	6.4	9.6	0.33 (0.48–0.49)	0.49
Never a problem	44.9	56.3	1.58 (0.83–3.02)	0.17
Cost of treatment too high	14.3	6.0	0.39 (0.15–1)	0.05
Lack of childcare for other children	9.5	9.5	0.99 (0.35–2.84)	0.99
Treatment given at home before seeking care* (%)				
Oral rehydration solution	37.3	31.4	0.77 (0.39–1.51)	0.44
Homemade fluid	30.7	25.7	0.78 (0.38–1.6)	0.50
Milk or formula	1.2	2.3	1.99 (0.25–16.08)	0.52
Herbal medication	6.1	3.2	0.5 (0.13–2.03)	0.33
No remedies given	24.7	43.8	2.37 (1.1–5.11)	0.03
Antibiotics	11	3.6	0.3 (0.1–0.92)	0.04
Offered to eat	33.4	33.3	1 (0.5–2.01)	1.00
Offered to drink	9.6	11.9	1.26 (0.46–3.45)	0.65
Clinical symptoms of children with diarrhea (%)				
Blood in stools	10.8	8.7	0.78 (0.25–2.41)	0.67
Rice watery stools	35.1	49.9	1.84 (0.96–3.55)	0.07
Mucus/pus in stools	40	47.2	1.34 (0.7–2.57)	0.37
Decreased urination	26.9	31.2	1.24 (0.6–2.54)	0.57
Increase thirst	84.2	91.8	2.11 (0.85–5.2)	0.11
Dry mouth	69.3	84.6	2.43 (1.16–5.12)	0.02
Sunken eyes	61.8	81.4	2.7 (1.35–5.41)	0.01
Wrinkled skin	46	62.4	1.95 (1.02–3.71)	0.04
Fever	53.7	79.9	3.44 (1.73–6.83)	0.00
Vomiting	20	34.3	2.08 (0.96–4.52)	0.06
Lethargy	75.3	93	4.34 (1.77–10.66)	0.00
Coma/loss of consciousness	8.1	8.3	1.03 (0.33–3.2)	0.96
Duration of diarrhea (days)	6.6 ± 40.9	7.7 ± 35.1	1.01 (0.98–1.05)	0.56
More than six stools per day	14.1	26.1	2.14 (0.9–5.08)	0.08

*Multiple responses.

SUPPLEMENTAL TABLE 3

Prevalence of diarrhea in children under 5 years of age and healthcare use trends over time (2009–2011)

	Round				
	1	2	3	4	5
<i>n</i> (0–11 months)	383	382	285	339	375
Had diarrhea in the last 2 weeks (%)	45 (11.7)	68 (17.8)	63 (22.1)	68 (20.1)	57 (15.2)
Sought care (%)	32 (71.1)	45 (66.1)	46 (73.0)	54 (79.4)	42 (73.6)
Moderate-to-severe diarrhea (%)	20 (5.2)	10 (2.6)	15 (5.3)	17 (5)	19 (5.1)
Moderate-to-severe diarrhea visiting sentinel health center (%)	3 (15.0)	0 (0.0)	4 (26.6)	7 (41.2)	5 (26.3)
Severity of diarrhea (%)					
Dysentery	0 (0.0)	0 (0.0)	2 (0.7)	2 (0.6)	6 (1.6)
Required hospitalization	2 (0.5)	0 (0.0)	2 (0.7)	0 (0.0)	2 (0.5)
Intravenous rehydration	3 (0.8)	1 (0.3)	5 (1.8)	1 (0.3)	3 (0.8)
Sunken eyes	12 (3.1)	9 (2.4)	12 (4.2)	14 (4.1)	14 (3.7)
Wrinkled skin	7 (1.8)	4 (1.0)	2 (0.7)	3 (0.9)	2 (0.5)
<i>n</i> (12–23 months)	317	343	279	363	362
Had diarrhea in the last 2 weeks (%)	53 (16.7)	44 (12.8)	44 (15.7)	71 (19.5)	68 (18.7)
Sought care (%)	34 (64.1)	19 (43.2)	26 (59.1)	55 (77.4)	44 (64.7)
Moderate-to-severe diarrhea (%)	25 (7.9)	7 (2)	10 (3.6)	17 (4.7)	14 (3.9)
Moderate-to-severe diarrhea visiting sentinel health center (%)	5 (20.0)	1 (14.3)	1 (10.0)	4 (23.5)	4 (28.6)
Severity of diarrhea (%)					
Dysentery	2 (0.6)	1 (0.3)	3 (1.1)	0 (0.0)	1 (0.3)
Required hospitalization	4 (1.3)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Intravenous rehydration	5 (1.6)	0 (0.0)	1 (0.4)	1 (0.3)	1 (0.3)
Sunken eyes	18 (5.7)	5 (1.5)	7 (2.5)	14 (3.9)	14 (3.9)
Wrinkled skin	15 (4.7)	2 (0.6)	0 (0.0)	2 (0.6)	0 (0.0)
<i>n</i> (24–59 months)	347	352	262	335	352
Had diarrhea in the last 2 weeks (%)	27 (7.7)	31 (8.8)	34 (12.9)	30 (8.9)	31 (8.8)
Sought care (%)	17 (62.9)	22 (70.9)	26 (76.4)	25 (83.3)	23 (74.2)
Moderate-to-severe diarrhea (%)	17 (4.9)	6 (1.7)	13 (5)	4 (1.2)	5 (1.4)
Moderate-to-severe diarrhea visiting sentinel health center (%)	2 (11.8)	2 (33.3)	4 (30.8)	2 (50.0)	1 (20.0)
Severity of diarrhea (%)					
Dysentery	1 (0.3)	1 (0.3)	2 (0.8)	0 (0.0)	0 (0.0)
Required hospitalization	2 (0.6)	1 (0.3)	1 (0.4)	0 (0.0)	0 (0.0)
Intravenous rehydration	6 (1.7)	3 (0.9)	1 (0.4)	1 (0.3)	0 (0.0)
Sunken eyes	13 (3.7)	0 (0.0)	11 (4.2)	3 (0.9)	5 (1.4)
Wrinkled skin	8 (2.3)	2 (0.6)	4 (1.5)	1 (0.3)	1 (0.3)
<i>n</i> (0–59 months)*	1,047	1,077	826	1,037	1,089
Had diarrhea in the last 2 weeks (%)	10.1	11.0	15.2	13.0	11.8
Sought care (%)	83.5	63.6	72.3	80.5	71.4
Moderate-to-severe diarrhea (%)	5.5	1.9	4.8	2.5	2.6
Moderate-to-severe diarrhea visiting sentinel health center (%)	14.5	22.1	27.1	37.0	24.7
Severity of diarrhea (%)					
Dysentery	0.31	0.24	0.81	0.10	0.36
Required hospitalization	0.70	0.18	0.37	0.00	0.10
Intravenous rehydration	1.56	0.60	0.63	0.29	0.21
Sunken eyes	4.03	0.66	3.89	2.04	2.31
Wrinkled skin	2.71	0.65	1.10	0.45	0.28

Round 1 (March to August of 2009). Round 2 (August of 2009 to January of 2010). Round 3 (January to May of 2010). Round 4 (July to December of 2010). Round 5 (January to March of 2011).
 *Only weighted proportions are reported.