

Supplement Table 1 Demographic, socio-economic, and environmental characteristics of children hospitalised with severe pneumonia, stratified by age group and outcome

	<u>Children <2 months</u>				<u>Children 2–59 months</u>			
	Survived n=709	Died n=40	CFR 5.3	p-value	Survived n=4107	Died n=198	CRF 4.6	p-value
Age group								
Less than 1 month	286 (40.3)	17 (42.5)	5.6	0.860				<0.001
1 month	423 (59.7)	23 (57.5)	5.2					
2-5 months					1011 (25.2)	76 (38.4)	7.0	
6-11months					1064 (25.9)	50 (25.3)	4.5	
12-35 months					1677 (40.8)	59 (29.8)	3.4	
36-59 months					355 (8.6)	13 (6.7)	3.5	
Gender								
Female	285 (40.2)	17 (42.5)	5.6	0.900	1786 (43.5)	90(45.5)	4.8	0.490
Male	424 (59.8)	23 (57.5)	5.1		2321 (56.5)	108 (54.5)	4.5	
Hospital admitted								
BPH	215 (30.3)	3 (7.5)	1.4	<0.001	795 (19.4)	26 (13.1)	3.2	<0.001
EVRMC	380 (53.6)	32 (80.0)	7.8		2429 (59.1)	148 (74.7)	5.7	
ONP	88 (12.4)	4 (10.0)	4.3		712 (17.3)	15 (7.6)	2.1	
RITM	26 (3.7)	1 (2.5)	3.7		171 (4.2)	9 (4.6)	5.0	
Congenital abnormalities								
Yes	8 (1.1)	3 (2.5)	27.3	0.010	33 (0.8)	9 (4.6)	6.2	<0.001
No	691 (98.9)	37 (92.5)			4035 (99.2)	187 (95.4)		
Missing	10	0			39	2		
Height(h)-for-age								
-2SD ≤ h<2SD	251 (59.1)	5 (45.5)	2.0	0.350	1213 (53.9)	33 (48.5)	2.6	0.320
-3SD ≤ h<-2SD	63 (14.8)	1 (9.1)	1.6		397 (17.6)	10(14.7)	2.5	
h<-3SD	111 (26.1)	5 (45.5)	4.3		642 (28.5)	25(36.8)	3.7	
Missing	284	29			1855	130		
Weight(w)-for-age								
-2SD ≤ w<2SD	511 (78.7)	15 (44.1)	2.9	<0.001	2424 (61.2)	82 (43.3)	3.3	<0.001
-3SD ≤ w<-2SD	86 (13.3)	5 (14.7)	5.5		764 (19.3)	36 (18.6)	4.5	
w<-3SD	52 (8.0)	14 (41.2)	21.2		776 (19.6)	76 (39.2)	8.9	

Missing	61	6			143	6		
Duration of hospitalisation	8 [6–9]	3.5 [1–8.2]		<0.001	4 [3–6]	1 [1–3]		<0.001
Environmental factors*								
	n=184	n=4			n=904	n=23		
SES								
≤30	83 (46.1)	3 (75.0)	3.5	0.560	504 (55.8)	15 (65.2)	2.9	0.490
>30	97 (53.9)	1 (25.0)	1.0		400 (44.2)	8 (34.4)	2.0	
Missing	5	1			0	0		
Past experience of child loss								
Yes	15 (11.4)	0 (0.0)	0.0	1.000	71 (10.2)	7 (33.3)	9.0	0.003
No	117 (88.6)	2 (5.0)	1.7		626 (89.8)	14 (66.7)	2.2	
Missing	53	3			207	2		
Number of siblings								
<2	55 (29.7)	2 (50.0)	3.5	0.420	199 (22.1)	3 (13.5)	1.5	0.050
2–3	78 (42.2)	2 (50.0)	2.5		441 (48.9)	8 (34.8)	1.8	
≥4	52 (28.1)	0 (0.0)	0.0		262 (29.0)	12 (52.2)	4.4	
Missing	0	1			2	0		
Types of cooking fuel used								
Electricity, petroleum gas, and Kerosene	26 (14.1)	0	0.0	0.100	121 (12.8)	2 (8.7)	1.7	0.780
Charcoal, and Wood	158 (85.9)	4 (100.0)	2.5		775 (86.5)	21 (91.3)	2.6	
Missing	1	1			8	23		

NOTE: n (%), number and percent of child unless stated otherwise. CFR, case fatality rate (%); duration of hospitalisation is presented as median with IQR, interquartile range; h, height; w, weight; congenital abnormalities including Down syndrome and congenital heart disease; SES, socio-economic status; BPH, Biliran Provincial Hospital; EVRMC, Eastern Visayas Regional Medical Center; ONP, Ospital Ng Palawan. (*)Analysis from February 2014 to March 2016. Past experience of child loss included all causes of death.