

Appendix 4 Clinical pneumonia, hypoxemic pneumonia, outcome, and PCV13 status by age and health system level

Table A4: Clinical pneumonia, hypoxemic pneumonia, outcome, and PCV13 status by age and health system level in Lilongwe and Mchinji districts, Malawi

Age range	Health system level	Clinical pneumonia ¹				Hypoxemic pneumonia		Outcome		PCV13				
		Fast breathing only	Chest indrawing	Danger sign(s)	Missing	SpO ₂ Measured	SpO ₂ <90 %	Alive	Died	Recorded	0 doses	1 dose	2 doses	3 doses
0-5 months	All, n=7934	2015 (25.4%)	3276 (41.3%)	2182 (27.5%)	461 (5.8%)	7220 (91.2%)	826 (11.4%)			6509 (82.0%)	1857 (28.5%)	1800 (27.7%)	1411 (21.7%)	1441 (22.1%)
	Hospital, n=5104	251 (4.9%)	2832 (55.5%)	1996 (39.1%)	251 (4.9%)	4821 (90.5%)	606 (12.6%)	5135 (96.3%)	195 (3.7%)	4222 (82.7%)	1446 (34.2%)	1130 (26.8%)	839 (19.9%)	807 (19.1%)
	Health Centre, n=1534	823 (53.7%)	381 (24.8%)	186 (12.1%)	144 (9.4%)	1397 (91.1%)	193 (13.8%)			1376 (89.7%)	1061 (77.1%)	428 (31.1%)	316 (23.0%)	317 (23.0%)
	CHW, n=1070	941 (87.9%)	63 (5.9%)	0 (0.0%)	66 (6.2%)	1002 (94.9%)	27 (2.7%)			911 (85.1%)	815 (89.5%)	242 (26.6%)	256 (28.1%)	317 (34.8%)
6-23 months	All, n=15272	6614 (43.3%)	5197 (34.0%)	2948 (19.3%)	513 (3.4%)	13584 (88.1%)	1142 (8.4%)			11948 (78.2%)	1710 (14.3%)	608 (5.1%)	1063 (8.9%)	8567 (71.7%)
	Hospital, n=8222	543 (6.6%)	4660 (56.7%)	2651 (32.2%)	368 (4.5%)	6827 (83.0%)	777 (11.4%)	7973 (97.0%)	249 (3.0%)	5662 (68.9%)	956 (16.9%)	305 (5.4%)	446 (7.9%)	3955 (69.9%)
	Health Centre, n=3718	2756 (74.1%)	534 (14.4%)	283 (7.6%)	145 (3.9%)	3481 (93.6%)	324 (9.3%)			3259 (87.7%)	370 (11.4%)	181 (5.6%)	358 (11.0%)	2350 (72.1%)
	CHW, n=3332	3315 (99.5%)	3 (0.1%)	14 (0.4%)	0 (0.0%)	3276 (94.4%)	41 (1.3%)			3027 (90.8%)	384 (12.7%)	122 (4.0%)	259 (8.6%)	2262 (74.7%)
24-59 months	All, n=7424	4442 (59.8%)	1933 (26.0%)	832 (11.2%)	217 (2.9%)	6782 (89.7%)	321 (4.7%)			4266 (57.5%)	2729 (64.0%)	104 (2.4%)	97 (2.3%)	1336 (31.3%)
	Hospital, n=2923	255 (8.7%)	1762 (60.3%)	750 (25.7%)	156 (5.3%)	2385 (81.6%)	198 (8.3%)	2838 (97.1%)	85 (2.9%)	1413 (48.3%)	902 (63.8%)	34 (2.4%)	39 (2.8%)	438 (31.0%)
	Health Centre, n=1512	1207 (79.8%)	167 (11.1%)	77 (5.1%)	61 (4.0%)	1434 (94.8%)	105 (7.3%)			1145 (75.7%)	626 (54.7%)	31 (2.7%)	28 (2.4%)	460 (40.2%)
	CHW, n=2989	2980 (99.7%)	4 (0.1%)	5 (0.2%)	0 (0.0%)	2963 (94.8%)	18 (0.6%)			1708 (57.4%)	1201 (70.3%)	39 (2.3%)	30 (1.8%)	438 (25.6%)

SpO₂ indicates peripheral oxygen saturation; CHW, community health worker.

¹See Panel in main paper for pneumonia definitions