

Supplementary Materials

Table S1: Total number of pre-schoolers per district (Pre-Covid-19 and data collection)

Municipality name	Area type	Number of pre-schoolers per area type	Total number
Chief Albert Luthuli	Urban Rural	360 770	1 130
Dipaleseng	Urban Rural	283 991	1 274
Govan Mbeki	Rural	5451	5 451
Lekwa	Rural	1 516	1 516
Mkhondo	Urban Rural	443 1 418	1 861
Msukukaligwa	Rural Urban	90 1 380	1 470
DR Pixley ka Seme	Urban Rural	157 626	783
			13 485

Table S2: Sample size calculation (Pre-Covid-19 and data collection)

Municipalities	Number of Rural pre-schoolers	Percentage contribution of municipality to the total population%	Required Sample number(n)
Chief Albert Luthuli	770	5,7%	223
Dipaleseng	991	7,3%	287
Govan Mbeki	5451	40,4%	1576
Lekwa	1516	11,2%	438
Mkhondo	1418	10,5%	410
Msukukaligwa	1380	10,2%	399
DR Pixley ka Seme	626	4,6%	181
Total	12 152	90,1%	3 514
Municipalities	Number of Urban pre-schoolers	Percentage contribution of municipality to the total population%	Required Sample number(n)
Chief Albert Luthuli	360	2,67%	105
Dipaleseng	283	2,10%	82
Govan Mbeki		0,00%	0
Lekwa		0,00%	0
Mkhondo	443	3,29%	128
Msukukaligwa	90	0,67%	26
DR Pixley ka Seme	157	1,16%	45
Total	1 333	9,89%	386
Grand Total	13 485		3 900

Table S3: Data collection using the calculated sample size.

Municipalities	Number of Rural pre-schoolers (actual number)	Percentage contribution of municipality to the total population% (pre-covid 19)	Required Sample number(n) (pre-covid 19)	Response number
Chief Albert Luthuli	554	5,7%	223	173
Dipaleseng	764	7,3%	287	200
Govan Mbeki	3567	40,4%	1576	960
Lekwa	1022	11,2%	438	297
Mkhondo	927	10,5%	410	340
Msukukaligwa	934	10,2%	399	301
DR Pixley ka Seme	346	4,6%	181	101
Total	8 114	90,1%	3 514	2 372
Municipalities	Number of Urban pre-schoolers (actual number)	Percentage contribution of municipality to the total population% (pre-covid 19)	Required Sample number(n) (pre-covid 19)	Response number
Chief Albert Luthuli	315	2.67%	105	265
Dipaleseng	219	2.10%	82	163
Govan Mbeki		0,00%		
Lekwa		0.00%		
Mkhondo	334	3,29%	128	232
Msukukaligwa	72	0,67%	26	32
DR Pixley ka Seme	126	1,16%	45	81
Total	1 066	9,89%	386	773
Grand Total	9 180		3 900	