Supplementary Figure 5: a) Coverage in Chifuka village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively
Chimbayo

Estimated Coverage (%)

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively
c) Coverage in Chimtolo village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

Chimtolo

Estimated Coverage (%)
d) Coverage in Ching’anga village clinic basin in each survey wave (W) for each age cohort (1=<=4 months old; 2=4-16 months old) and both cohorts combined

Ching’anga

Both : W6
90% (N=50) 85% (N=56) 92% (N=60)

Both : W5
82% (N=48) 83% (N=59) 95% (N=63)

Both : W4
79% (N=66) 75% (N=72) 90% (N=73)

Both : W3
65% (N=79) 79% (N=81) 91% (N=85)

Both : W2
52% (N=65) 72% (N=71) 79% (N=74)

Both : W1
3% (N=36) 31% (N=36) 54% (N=39)

Cohort 2 : W6
92% (N=48) 94% (N=48) 96% (N=48)

Cohort 2 : W5
83% (N=47) 96% (N=47) 100% (N=47)

Cohort 2 : W4
79% (N=66) 83% (N=66) 91% (N=66)

Cohort 2 : W3
72% (N=74) 86% (N=74) 93% (N=74)

Cohort 2 : W2
56% (N=61) 79% (N=61) 87% (N=61)

Cohort 2 : W1
3% (N=33) 27% (N=33) 58% (N=33)

Cohort 1 : W6
50% (N=2) 25% (N=8) 75% (N=12)

Cohort 1 : W5
0% (N=1) 8% (N=12) 75% (N=16)

Cohort 1 : W4
* (N=0) 33% (N=6) 86% (N=7)

Cohort 1 : W3
0% (N=5) 29% (N=7) 82% (N=11)

Cohort 1 : W2
0% (N=4) 30% (N=10) 38% (N=13)

Cohort 1 : W1
0% (N=3) 67% (N=3) 33% (N=6)

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively
e) Coverage in Chithawale village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined.

Chithawale

- Both : W6 90% (N=74) 96% (N=76) 97% (N=84)
- Both : W5 89% (N=57) 91% (N=66) 99% (N=73)
- Both : W4 86% (N=59) 93% (N=60) 95% (N=65)
- Both : W3 85% (N=53) 95% (N=54) 92% (N=60)
- Both : W2 69% (N=59) 73% (N=62) 82% (N=64)
- Both : W1 20% (N=63) 35% (N=73) 67% (N=79)

- Cohort 2 : W6 95% (N=66) 97% (N=66) 98% (N=66)
- Cohort 2 : W5 89% (N=57) 96% (N=57) 100% (N=57)
- Cohort 2 : W4 94% (N=54) 96% (N=54) 100% (N=54)
- Cohort 2 : W3 89% (N=47) 98% (N=47) 98% (N=47)
- Cohort 2 : W2 71% (N=56) 79% (N=56) 86% (N=56)
- Cohort 2 : W1 21% (N=58) 38% (N=58) 67% (N=58)

- Cohort 1 : W6 38% (N=8) 90% (N=10) 89% (N=18)
- Cohort 1 : W5 * (N=0) 44% (N=9) 94% (N=16)
- Cohort 1 : W4 0% (N=5) 67% (N=6) 73% (N=11)
- Cohort 1 : W3 33% (N=6) 71% (N=7) 62% (N=13)
- Cohort 1 : W2 33% (N=3) 33% (N=6) 63% (N=8)
- Cohort 1 : W1 0% (N=5) 13% (N=15) 67% (N=21)

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively.
Coverage in Chituwi village clinic basin in each survey wave (W) for each age cohort (1=≤4 months old; 2=4-16 months old) and both cohorts combined.

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively.
Coverage in Kalokwe village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

Kalokwe

Both : W6
77% (N=46) 75% (N=53) 88% (N=55)

Both : W5
74% (N=57) 84% (N=60) 94% (N=63)

Both : W4
70% (N=43) 80% (N=45) 90% (N=47)

Both : W3
66% (N=39) 80% (N=42) 90% (N=43)

Both : W2
63% (N=39) 77% (N=43) 88% (N=48)

Both : W1
11% (N=45) 34% (N=46) 49% (N=48)

Cohort 2 : W6
81% (N=42) 83% (N=42) 90% (N=42)

Cohort 2 : W5
82% (N=51) 94% (N=51) 100% (N=51)

Cohort 2 : W4
76% (N=41) 88% (N=41) 95% (N=41)

Cohort 2 : W3
73% (N=33) 91% (N=33) 97% (N=33)

Cohort 2 : W2
65% (N=37) 84% (N=37) 89% (N=37)

Cohort 2 : W1
12% (N=43) 30% (N=43) 51% (N=43)

Cohort 1 : W6
25% (N=4) 27% (N=11) 77% (N=13)

Cohort 1 : W5
0% (N=6) 22% (N=9) 67% (N=12)

Cohort 1 : W4
0% (N=2) 25% (N=4) 67% (N=6)

Cohort 1 : W3
17% (N=6) 22% (N=9) 60% (N=10)

Cohort 1 : W2
0% (N=2) 17% (N=6) 82% (N=11)

Cohort 1 : W1
0% (N=2) 67% (N=3) 40% (N=5)

Estimated Coverage (%)

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively
h) Coverage in Kapangalika village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

Kapangalika

Estimated Coverage (%)

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively
i) Coverage in Lisoka village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively
j) Coverage in Mabwera village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

Mabwera

Both : W6
- 95% (N=56) 85% (N=60) 96% (N=62)

Both : W5
- 97% (N=50) 96% (N=56) 94% (N=65)

Both : W4
- 87% (N=76) 90% (N=78) 94% (N=83)

Both : W3
- 71% (N=83) 82% (N=88) 92% (N=91)

Both : W2
- 77% (N=53) 87% (N=57) 100% (N=63)

Both : W1
- 13% (N=54) 44% (N=59) 85% (N=62)

Cohort 2 : W6
- 98% (N=55) 98% (N=55) 98% (N=55)

Cohort 2 : W5
- 100% (N=45) 100% (N=45) 100% (N=45)

Cohort 2 : W4
- 89% (N=74) 95% (N=74) 99% (N=74)

Cohort 2 : W3
- 80% (N=76) 92% (N=76) 95% (N=76)

Cohort 2 : W2
- 79% (N=52) 98% (N=52) 100% (N=52)

Cohort 2 : W1
- 14% (N=50) 50% (N=50) 86% (N=50)

Cohort 1 : W6
- 0% (N=1) 20% (N=5) 86% (N=7)

Cohort 1 : W5
- 60% (N=5) 73% (N=11) 70% (N=20)

Cohort 1 : W4
- 50% (N=2) 50% (N=4) 78% (N=9)

Cohort 1 : W3
- 0% (N=7) 33% (N=12) 80% (N=15)

Cohort 1 : W2
- 0% (N=1) 0% (N=5) 100% (N=11)

Cohort 1 : W1
- 0% (N=4) 11% (N=9) 83% (N=12)

Estimated Coverage (%)

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively
k) Coverage in Mang’a village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively
I) Coverage in Mbalame village clinic basin in each survey wave (W) for each age cohort (1=<=4 months old; 2=4-16 months old) and both cohorts combined

Estimated Coverage (%)

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively
m) Coverage in Mnkhadze village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined.

Estimated Coverage (%)

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively.
n) Coverage in Mpondamwala village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

Mpondamwala

Estimated Coverage (%)

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively
Coverage in Mtongola village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined.

**Mtongola**

**Both : W6**
81% (N=60) 78% (N=65) 91% (N=70)

**Both : W5**
68% (N=62) 74% (N=65) 90% (N=70)

**Both : W4**
70% (N=59) 72% (N=64) 80% (N=68)

**Both : W3**
43% (N=64) 72% (N=66) 86% (N=69)

**Both : W2**
45% (N=63) 80% (N=64) 93% (N=66)

**Both : W1**
9% (N=46) 22% (N=54) 56% (N=59)

**Cohort 2 : W6**
86% (N=57) 91% (N=57) 96% (N=57)

**Cohort 2 : W5**
74% (N=58) 86% (N=58) 97% (N=58)

**Cohort 2 : W4**
76% (N=55) 80% (N=55) 91% (N=55)

**Cohort 2 : W3**
50% (N=58) 79% (N=58) 90% (N=58)

**Cohort 2 : W2**
53% (N=59) 80% (N=59) 95% (N=59)

**Cohort 2 : W1**
9% (N=43) 21% (N=43) 51% (N=43)

**Cohort 1 : W6**
0% (N=3) 0% (N=8) 69% (N=13)

**Cohort 1 : W5**
0% (N=4) 0% (N=7) 67% (N=12)

**Cohort 1 : W4**
0% (N=4) 33% (N=9) 38% (N=13)

**Cohort 1 : W3**
0% (N=6) 38% (N=8) 73% (N=11)

**Cohort 1 : W2**
0% (N=4) 80% (N=5) 86% (N=7)

**Cohort 1 : W1**
0% (N=3) 27% (N=11) 75% (N=16)

**Estimated Coverage (%)**

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively.
p) Coverage in Muyande village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively.
q) Coverage in Nakuwawa village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

**Nakuwawa**

- **Both : W6**
  - 81% (N=100) 80% (N=109) 89% (N=110)

- **Both : W5**
  - 87% (N=71) 90% (N=72) 96% (N=77)

- **Both : W4**
  - 84% (N=95) 87% (N=99) 91% (N=105)

- **Both : W3**
  - 79% (N=61) 94% (N=65) 94% (N=68)

- **Both : W2**
  - 65% (N=65) 87% (N=68) 92% (N=72)

- **Both : W1**
  - 9% (N=64) 25% (N=69) 65% (N=74)

- **Cohort 2 : W6**
  - 84% (N=97) 88% (N=97) 92% (N=97)

- **Cohort 2 : W5**
  - 91% (N=65) 92% (N=65) 97% (N=65)

- **Cohort 2 : W4**
  - 92% (N=87) 94% (N=87) 98% (N=87)

- **Cohort 2 : W3**
  - 85% (N=55) 96% (N=55) 96% (N=55)

- **Cohort 2 : W2**
  - 71% (N=59) 93% (N=59) 97% (N=59)

- **Cohort 2 : W1**
  - 7% (N=58) 26% (N=58) 67% (N=58)

- **Cohort 1 : W6**
  - 33% (N=3) 42% (N=12) 77% (N=13)

- **Cohort 1 : W5**
  - 50% (N=6) 71% (N=7) 92% (N=12)

- **Cohort 1 : W4**
  - 0% (N=8) 33% (N=12) 56% (N=18)

- **Cohort 1 : W3**
  - 17% (N=6) 80% (N=10) 85% (N=13)

- **Cohort 1 : W2**
  - 0% (N=6) 44% (N=9) 69% (N=13)

- **Cohort 1 : W1**
  - 33% (N=6) 18% (N=11) 56% (N=16)

**Estimated Coverage (%)**

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively
r) Coverage in Santhe village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

Santhe

Estimated Coverage (%)

Text at right: Estimated coverge and sample size for doses 3, 2 and 1, respectively
s) Coverage in Tonde village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

Estimated Coverage (%)

Text at right: Estimated coverage and sample size for doses 1, 2 and 1, respectively
t) Coverage in Waya village clinic basin in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

**Waya**

- **Both : W6**
  - 75% (N=85) 77% (N=93) 92% (N=99)

- **Both : W5**
  - 56% (N=78) 62% (N=82) 81% (N=85)

- **Both : W4**
  - 64% (N=42) 69% (N=47) 86% (N=52)

- **Both : W3**
  - 58% (N=71) 80% (N=75) 88% (N=78)

- **Both : W2**
  - 58% (N=65) 87% (N=68) 94% (N=71)

- **Both : W1**
  - 10% (N=62) 22% (N=77) 56% (N=86)

- **Cohort 2 : W6**
  - 80% (N=79) 85% (N=79) 99% (N=79)

- **Cohort 2 : W5**
  - 60% (N=72) 69% (N=72) 88% (N=72)

- **Cohort 2 : W4**
  - 68% (N=38) 79% (N=38) 92% (N=38)

- **Cohort 2 : W3**
  - 64% (N=64) 84% (N=64) 94% (N=64)

- **Cohort 2 : W2**
  - 60% (N=60) 88% (N=60) 97% (N=60)

- **Cohort 2 : W1**
  - 10% (N=58) 22% (N=58) 57% (N=58)

- **Cohort 1 : W6**
  - 0% (N=6) 29% (N=14) 60% (N=20)

- **Cohort 1 : W5**
  - 17% (N=6) 20% (N=10) 54% (N=13)

- **Cohort 1 : W4**
  - 0% (N=4) 0% (N=9) 57% (N=14)

- **Cohort 1 : W3**
  - 0% (N=7) 55% (N=11) 64% (N=14)

- **Cohort 1 : W2**
  - 40% (N=5) 75% (N=8) 82% (N=11)

- **Cohort 1 : W1**
  - 0% (N=4) 16% (N=19) 50% (N=28)

**Estimated Coverage (%)**

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively
u) Coverage in all 20 village clinic basins combined in each survey wave (W) for each age cohort (1=<4 months old; 2=4-16 months old) and both cohorts combined

All 20 Villages

Both : W6
86% (N=1384) 85% (N=1491) 94% (N=1561)
Both : W5
82% (N=1233) 86% (N=1324) 92% (N=1403)
Both : W4
79% (N=1307) 83% (N=1407) 92% (N=1498)
Both : W3
72% (N=1235) 85% (N=1312) 90% (N=1388)
Both : W2
64% (N=1240) 81% (N=1313) 90% (N=1391)
Both : W1
10% (N=1113) 30% (N=1215) 62% (N=1306)

Cohort 2 : W6
90% (N=1294) 93% (N=1294) 97% (N=1294)
Cohort 2 : W5
87% (N=1157) 93% (N=1157) 97% (N=1157)
Cohort 2 : W4
84% (N=1229) 91% (N=1229) 96% (N=1229)
Cohort 2 : W3
78% (N=1138) 91% (N=1138) 96% (N=1138)
Cohort 2 : W2
68% (N=1165) 87% (N=1168) 95% (N=1168)
Cohort 2 : W1
10% (N=1025) 32% (N=1025) 63% (N=1025)

Cohort 1 : W6
30% (N=90) 40% (N=197) 79% (N=267)
Cohort 1 : W5
16% (N=76) 40% (N=167) 70% (N=246)
Cohort 1 : W4
9% (N=78) 33% (N=178) 70% (N=269)
Cohort 1 : W3
8% (N=97) 43% (N=174) 67% (N=250)
Cohort 1 : W2
8% (N=75) 40% (N=145) 71% (N=223)
Cohort 1 : W1
9% (N=88) 19% (N=190) 56% (N=281)

Estimated Coverage (%)

Text at right: Estimated coverage and sample size for doses 3, 2 and 1, respectively