

Assessed for eligibility (131 kindergartens=clusters)

Stratification

Rural area¹ of Wuerzburg and Kitzingen
86 invited clusters

Urban area² of Wuerzburg and Kitzingen
45 invited clusters

Excluded (55 clusters)
- Refused to participate (55 clusters)

Excluded (35 clusters)
- Refused to participate (35 clusters)

Eligible to participate:
31 clusters
782 children
(Mean cluster size=25 children, min=9, max=49)

Eligible to participate:
10 clusters
211 children
(Mean cluster size=21 children, min=13, max=32)

Written informed consent 603 children

Written informed consent 161 children

Excluded (36 children)
- Health reasons (n=2)
- Not meeting inclusion criteria of age (n=10)
- Refused to participate (n=24)

Excluded (19 children)
- Not meeting inclusion criteria of age (n=10)
- Refused to participate (n=9)

31 clusters
567 children
(Mean cluster size=18 children, min=6, max=36)

10 clusters
142 children
(Mean cluster size=14 children, min=7, max=22)

Intervention group
16 clusters
280 children
(Mean cluster size=17 children,
min=6, max=36)

Control group
15 clusters
287 children
(Mean cluster size=19 children,
min=7, max=30)

Intervention group
5 clusters
88 children
(Mean cluster size=17 children,
min=14, max=22)

Control group
5 clusters
54 children
(Mean cluster size=10 children,
min=7, max=13)