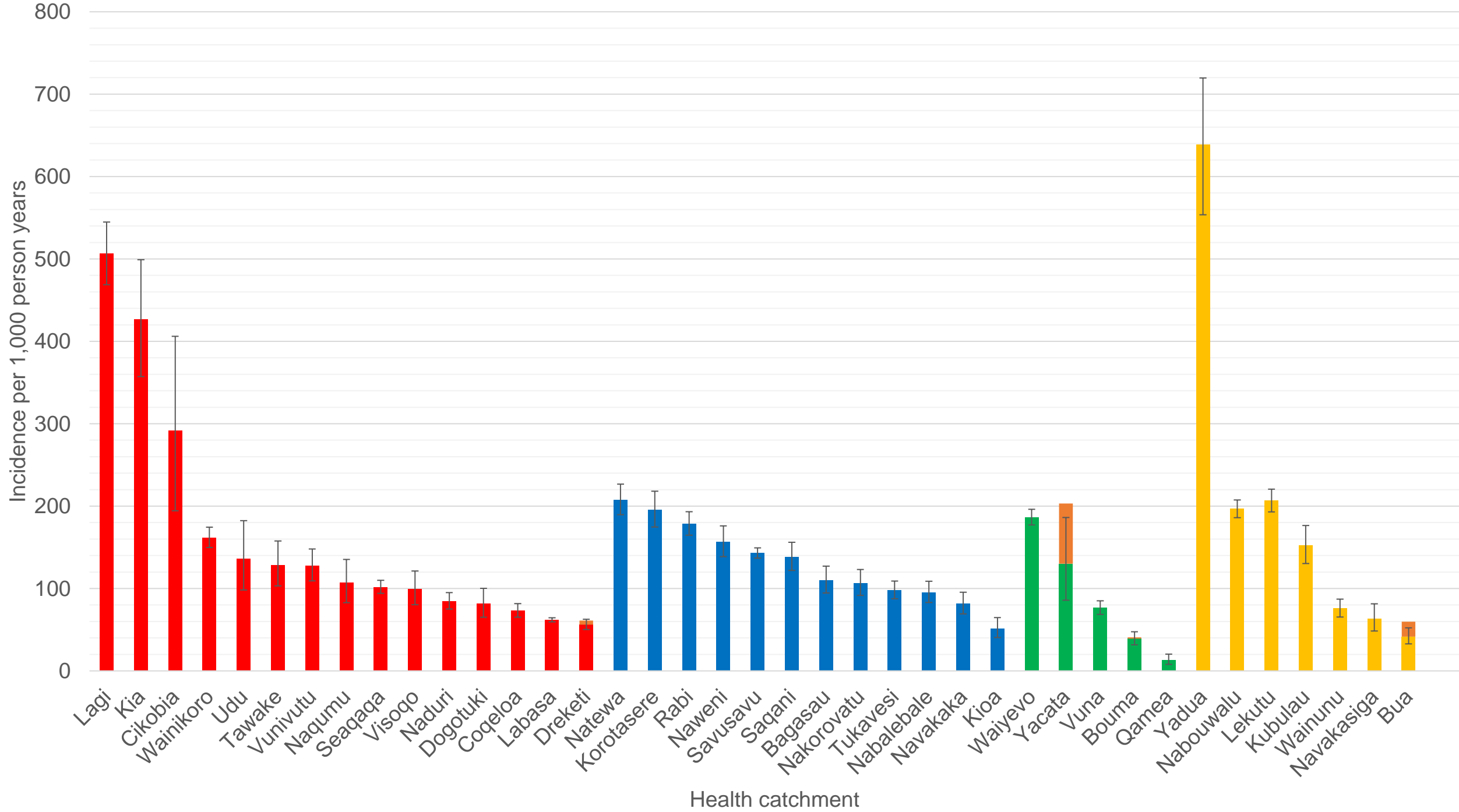


Supplemental Figure 1. Health catchment specific incidence of primary health presentations for scabies and bacterial skin examinations.

The colour of the bars indicates the subdivision of the health catchments with red indicating Macuata; blue, Cakaudrove; green, Taveuni and yellow, Bua. The orange stacked bar represents the adjusted incidence of the health catchment if reporting was incomplete for the full 50 weeks of surveillance. Labasa and Vuna health catchments are serviced by more than one facility: Labasa health catchment contains Labasa Hospital, Labasa Health Centre and Nasea Health Centre. Vuna health catchment contains Vuna Health Centre and Vuna Nursing Station.



Supplemental Table 1. Number and proportion of cases detected through different modes of primary healthcare. IMCI stands for Integrated Management of Childhood Illness.

	General outpatient clinic	IMCI clinic	School visits	Community outreach	Emergency department	Total
Scabies N (%)	1646 (45.2)	1440 (39.5)	379 (10.4)	162 (4.5)	16 (0.4)	3643 (100)
Impetigo N (%)	1007 (36.8)	1598 (58.4)	52 (1.9)	73 (2.7)	8 (0.3)	2738 (100)
Abscess N (%)	6163 (76.5)	1401 (17.4)	260 (3.2)	88 (1.1)	140 (1.7)	8052 (100)
Cellulitis N (%)	347 (83.4)	47 (11.3)	2 (0.5)	6 (1.4)	14 (3.4)	416 (100)
Severe skin condition N (%)	124 (66.7)	52 (28)	5 (2.7)	2 (1.1)	3 (1.6)	186 (100)
Overall N (%)	8591 (62.5)	4052 (29.5)	640 (4.7)	278 (2)	175 (1.3)	13736 (100)

Supplemental Table 2. Incidence and proportion of scabies that was infected by age group. Incidence is expressed per 1,000 person years. The total includes cases with missing data for age of which there are 6 cases for infected scabies and 22 cases for scabies.

Age group	Number with infected scabies	Number with scabies	Incidence (95%CI)	% Infected
0-4	555	1786	39.7 (36.5-43)	31.1 (28.9-33.3)
5-14	427	1418	16.2 (14.7-17.8)	30.1 (27.8-32.6)
15-24	72	157	3.8 (2.9-4.7)	45.9 (37.9-54)
25-34	20	64	1.1 (0.7-1.8)	31.3 (20.2-44.1)
35-44	11	46	0.7 (0.3-1.2)	23.9 (12.6-38.8)
45-54	16	42	1.1 (0.6-1.8)	38.1 (23.6-54.4)
55-64	8	50	0.8 (0.3-1.5)	16 (7.2-29.1)
>=65	18	58	2.4 (1.4-3.7)	31 (19.5-44.5)
Total	1133	3643	8.9 (8.4-9.5)	31.1 (29.6-32.6)

Supplemental Table 3. Incidence of primary health presentations with scabies and skin and soft tissue infection by subdivision. Incidence is expressed per 1,000 population per year, incidence rate ratio is calculated using Macuata as reference. CI stands for confidence intervals.

Subdivision	Population	Number of presentations	Incidence (95% CI)	Incidence rate ratio
Macuata	65978	5261	82.93 (80.79-85.11)	(ref)
Taveuni	15454	1708	114.94 (109.84-120.19)	1.39 (1.36-1.41)
Cakaudrove	34993	4459	132.52 (128.91-136.20)	1.6 (1.58-1.62)
Bua	15489	2308	154.97 (149.17-160.90)	1.87 (1.84-1.90)
Total	131914	13736	108.29 (106.58-110.02)	1.31 (1.29-1.32)