

Pertussis Monthly Report

Canterbury District Health Board

August 2011 — May 2014

[Data source: EpiSurv]

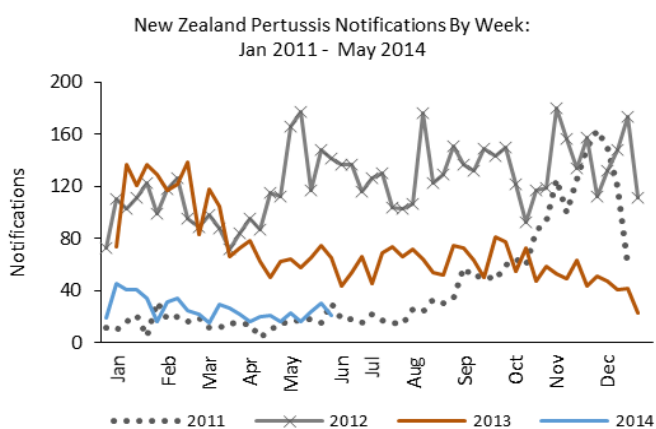
This report has been produced in response to the increase in the number of pertussis notifications in Canterbury since August 2011. **Only confirmed and probable notifications are reported.**

Canterbury Key Points

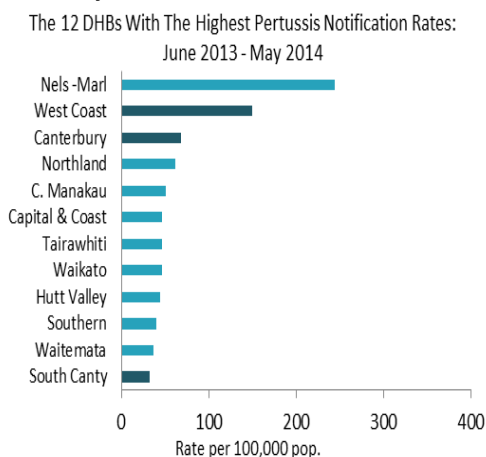
- From August 2011 to May 2014 there have been 1961 confirmed/probable cases notified
- May 2012 had the highest number of notifications (137)
- The highest rate of notifications and hospitalisations has been in infants aged <1 year
- 43% of notified cases aged <1 year have been hospitalised
- There has been 1 death attributed to pertussis; an infant aged 6 weeks.

NEW ZEALAND

Incidence

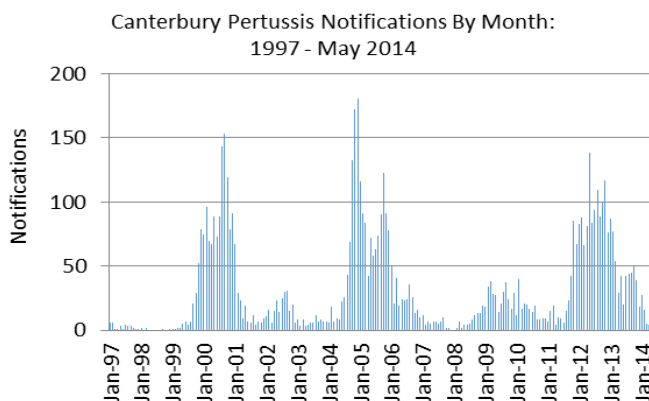
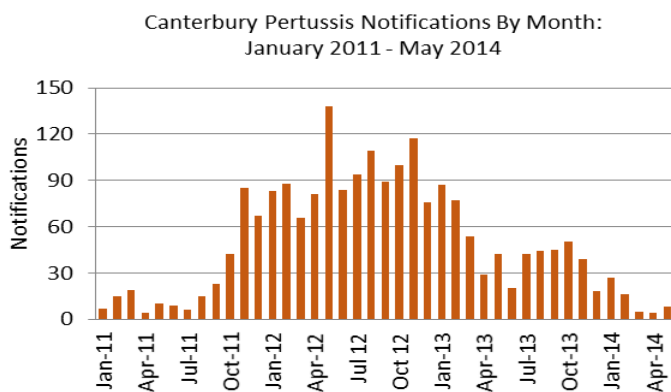


Rates By DHB

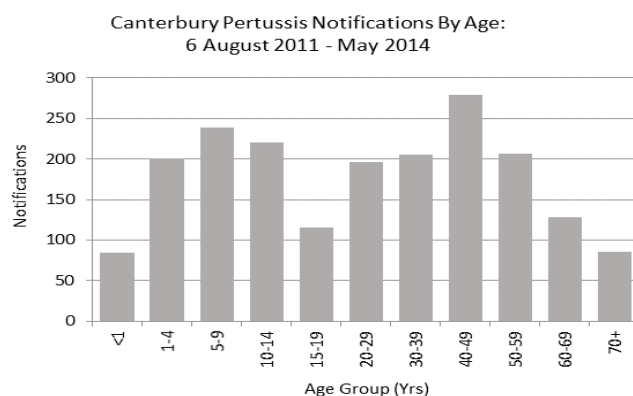
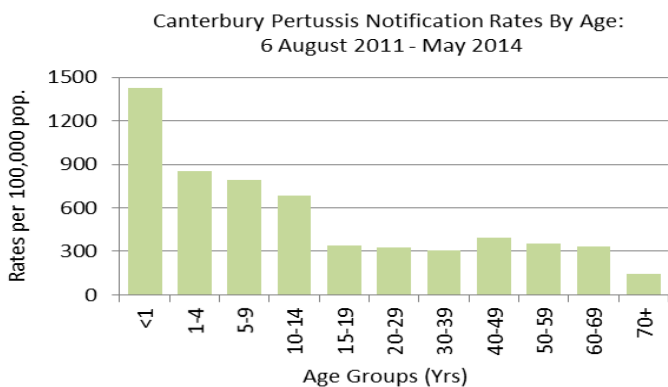


CANTERBURY

Notifications By Month



Ages



[Data source: EpiSurv]

Ethnicity

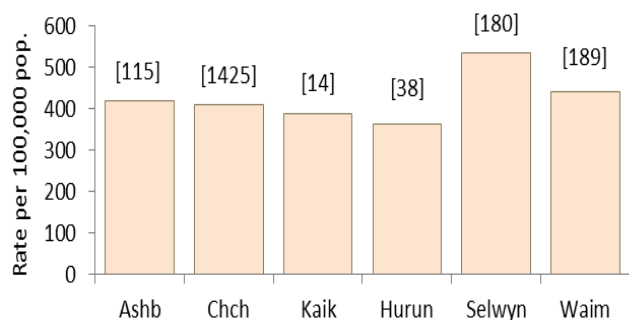
	NZ Euro/ Other ¹	Maori	Pacific	Asian	MELAA	Unknown
Percentage of cases by ethnicity	86%	7%	2%	3%	0%	2%
Canterbury population ²	89%	8%	2%	7%	1%	

¹ change from previous classification (European and Other that included New Zealander)

² Individual percentages add up to >100 because some people identify with more than one ethnicity

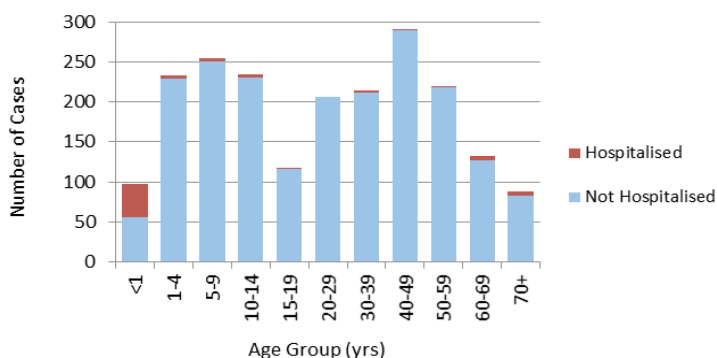
Location

Canterbury Pertussis Notifications By Local Authority
Rates: August 2011 - May 2014
[Number Of Cases]



Hospitalisations

Canterbury Pertussis Hospitalisations By Age Group:
August 2011 - May 2014



Summary Table

Canterbury Cumulative Notifications
August 2011 – May 2014

Notifications—Case

Status

Confirmed	799
Probable	1162
Total	1961

Sex

Male	870
Female	1091
Male: Female ratio	1:1.2

Age

Average age	29yrs
Age range	8 days – 89yrs
Median age	25yrs
Aged < 12 months	84
Aged < 6 months	61
Aged < 3 months	39

Immunisations

Vaccinated (any doses)	667
Unvaccinated	292
Unknown	1002