

Weekly Measles Epidemiological Report

Auckland Regional Public Health Service
Rātonga Hauora ā Iwi o Tamaki Makaurau



Working with the people of Auckland, Counties Manukau and Waitemata

To: Auckland Health Sector Stakeholders

From: Planning & Intel, Auckland Regional Public Health Service

Date: 24th August 2009

Subject: Weekly Measles Epidemiological Report

SUMMARY:

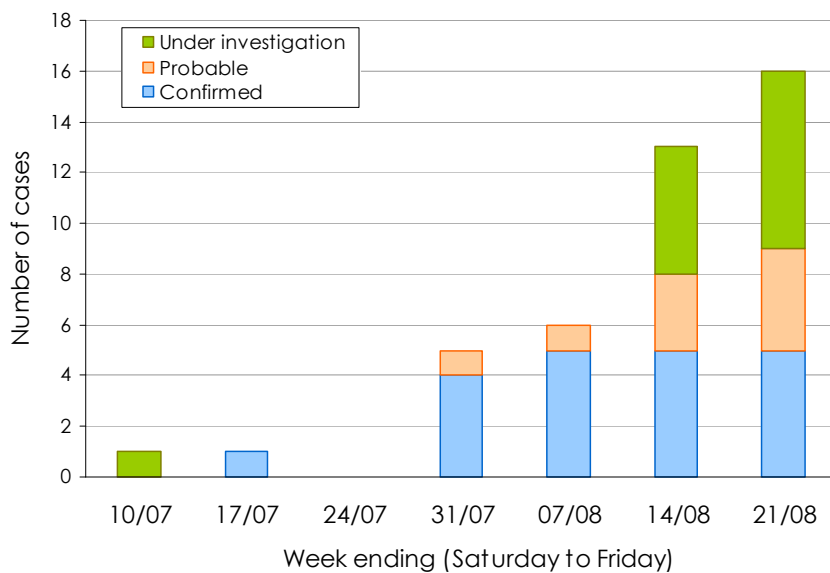
- There have been 33 measles notifications in the Auckland region over the seven week period from 04/07/09 to 21/08/09 – 20 are confirmed, 5 probable and 8 under investigation.
- Of the 25 confirmed and probable measles cases, 12 (48%) were in Waitemata DHB, 8 (32%) in Auckland DHB, and 5 (20%) in Counties Manukau DHB.
- There was larger proportion of female compared to male confirmed/probable cases (68% versus 32%).
- Exactly half of all confirmed/probable cases were aged less than 5 years while a quarter were aged between 5 and 14 years.
- Over half of all the confirmed/probable cases (59%) were European, 14% were Maori, 9% were Pacific, and 9% were Asian.
- 15% (3/20) of confirmed/probable cases with recorded information were hospitalised.

TABLE 1: MEASLES NOTIFICATIONS IN THE AUCKLAND REGION (04/07/09 to 21/08/09)

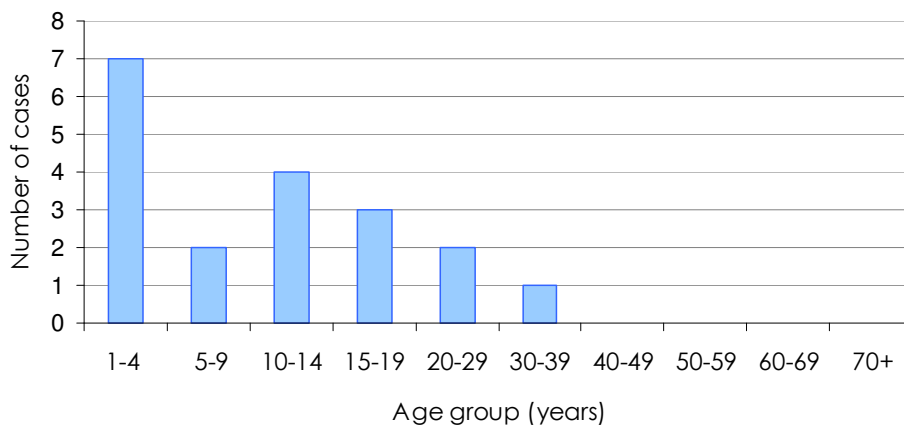
	Auckland DHB	Counties Manukau DHB	Waitemata DHB	TOTAL
Total Cases: Confirmed, Probable, Under Investigation	11	7	15	33
Case Status				
Confirmed (lab or epi link)	6	2	12	20
Probable	2	3	0	5
Under investigation	3	2	3	8

Data source: EpiSurv notifications

GRAPH 1: MEASLES CASES BY WEEKLY REPORT DATE AND CASE STATUS IN THE AUCKLAND REGION (04/07/09 to 21/08/09)



GRAPH 2: CONFIRMED AND PROBABLE MEASLES CASES BY AGE GROUP IN THE AUCKLAND REGION (04/07/09 to 21/08/09)



**TABLE 2: CONFIRMED & PROBABLE MEASLES CASES IN THE AUCKLAND REGION
(04/07/09 to 21/08/09)**

	Auckland DHB	Counties Manukau DHB	Waitemata DHB	TOTAL	%*
Total cases: Confirmed and Probable	8	5	12	25	100%
Case Status					
Confirmed (lab or epi link)	6	2	12	20	75%
Probable	2	3	0	5	25%
Sex					
Females	7	2	8	17	68%
Males	1	3	4	8	32%
Unknown					-
Age					
<1	1	1	3	5	21%
1 to 4		4	3	7	29%
5 to 14	4		2	6	25%
15 to 24	2		2	4	17%
25 to 44	1		1	2	8%
45 to 64					0%
Unknown			1	1	-
Ethnicity					
Asian	1		1	2	9%
European	7	1	5	13	59%
Maori		1	2	3	14%
Other		3	1	4	18%
Pacific Peoples			3	3	9%
Unknown	1		1	2	-
Hospitalisations					
Yes			3	3	15%
No	3	4	10	17	85%
Unknown					-
Immunisation Status					
Yes			3	3	13%
No	8	5	8	21	88%
Unknown			1		-
MMR Status					
MMR 1	3	3		6	-
MMR 2					-

Data source: EpiSurv notifications

* 'Unknowns' excluded from denominator for percentage calculations

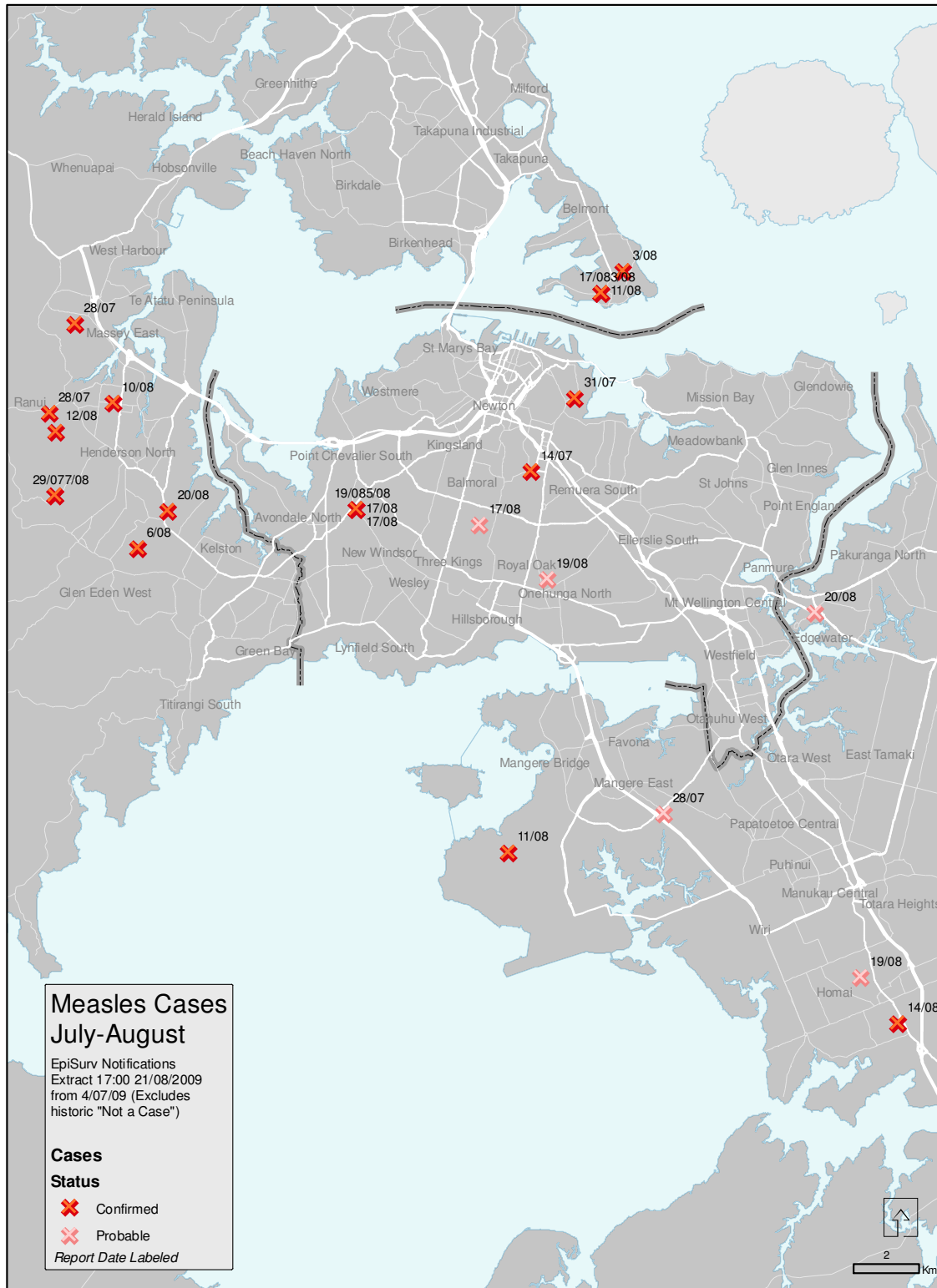


FIGURE 1: CONFIRMED AND PROBABLE MEASLES CASES IN THE AUCKLAND REGION (04/07/09 to 21/08/09)