

THE SHIVERS PROJECT

SOUTHERN HEMISPHERE INFLUENZA VACCINE EFFECTIVENESS, RESEARCH & SURVEILLANCE
 A CDC five-year, multi-million dollar project
TO STUDY INFLUENZA IN AN EFFORT TO BETTER UNDERSTAND THE BURDEN OF THE VIRUS
 AND HOW TO PREVENT ITS SPREAD AROUND THE WORLD



YEAR THREE 2014
 STUDY EXPANDED TO include under one year olds visiting **EMERGENCY CARE** department, or admitted to **WARD OR ICU DEPARTMENT** FOLLOWING A HIGH BURDEN OF **FLU HOSPITALISATIONS** IN THIS AGE GROUP IN 2013

THE BURDEN OF RESPIRATORY DISEASE IN AUCKLAND

POPULATION	GP CONSULTATIONS	HOSPITALISATIONS	ICU	DEATHS
905,634	12,250	1,470	91	6
AUCKLAND AND COUNTIES MANUKAU DISTRICT HEALTH BOARDS	PATIENTS WITH INFLUENZA LIKE ILLNESS (ILI)	PATIENTS WITH SEVERE ACUTE RESPIRATORY ILLNESS (SARI)	PATIENTS WITH SEVERE ACUTE RESPIRATORY ILLNESS ADMITTED TO ICU	DEATHS IN PATIENTS WITH SEVERE ACUTE RESPIRATORY ILLNESS
FROM 28 APRIL – 28 SEPT 2014 THERE WERE 60,805 ACUTE HOSPITAL ADMISSIONS	4,217	324	18	4
FROM 28 APRIL – 28 SEPT 2014 THERE WERE 60,805 ACUTE HOSPITAL ADMISSIONS	PATIENTS TESTED POSITIVE FOR FLU	PATIENTS TESTED POSITIVE FOR FLU	PATIENTS TESTED POSITIVE FOR FLU	DEATHS IN PATIENTS WHO TESTED POSITIVE FOR FLU
	4,049	393	10	0
	PATIENTS POSITIVE FOR 7 NON-FLU RESPIRATORY VIRUSES	PATIENTS POSITIVE FOR 7 NON-FLU RESPIRATORY VIRUSES	PATIENTS POSITIVE FOR 7 NON-FLU RESPIRATORY VIRUSES	DEATHS IN PATIENTS POSITIVE FOR 7 NON-FLU RESPIRATORY VIRUSES

LATEST FLU DATA RECORDED fewer GP consultations this season **BUT** highest consultations **IN CHILDREN AGED 1-4 YEARS** and in the least deprived PATIENT POPULATIONS

THE PREDOMINANT STRAIN FOR MOST OF THE SEASON WAS **Influenza A(H1N1)pdm09**, RESULTING IN MORE SEVERE ILLNESS. The effect of the virus strain on different **AGE GROUPS SHOULD NOT BE UNDERESTIMATED**

MORE PEOPLE WERE **HOSPITALISED** this season and ICU admissions FOR PATIENTS WITH SEVERE ACUTE RESPIRATORY ILLNESS **WERE DOUBLE 2013 NUMBERS**

WINTER INCIDENCE OF ACUTE RESPIRATORY ILLNESS

