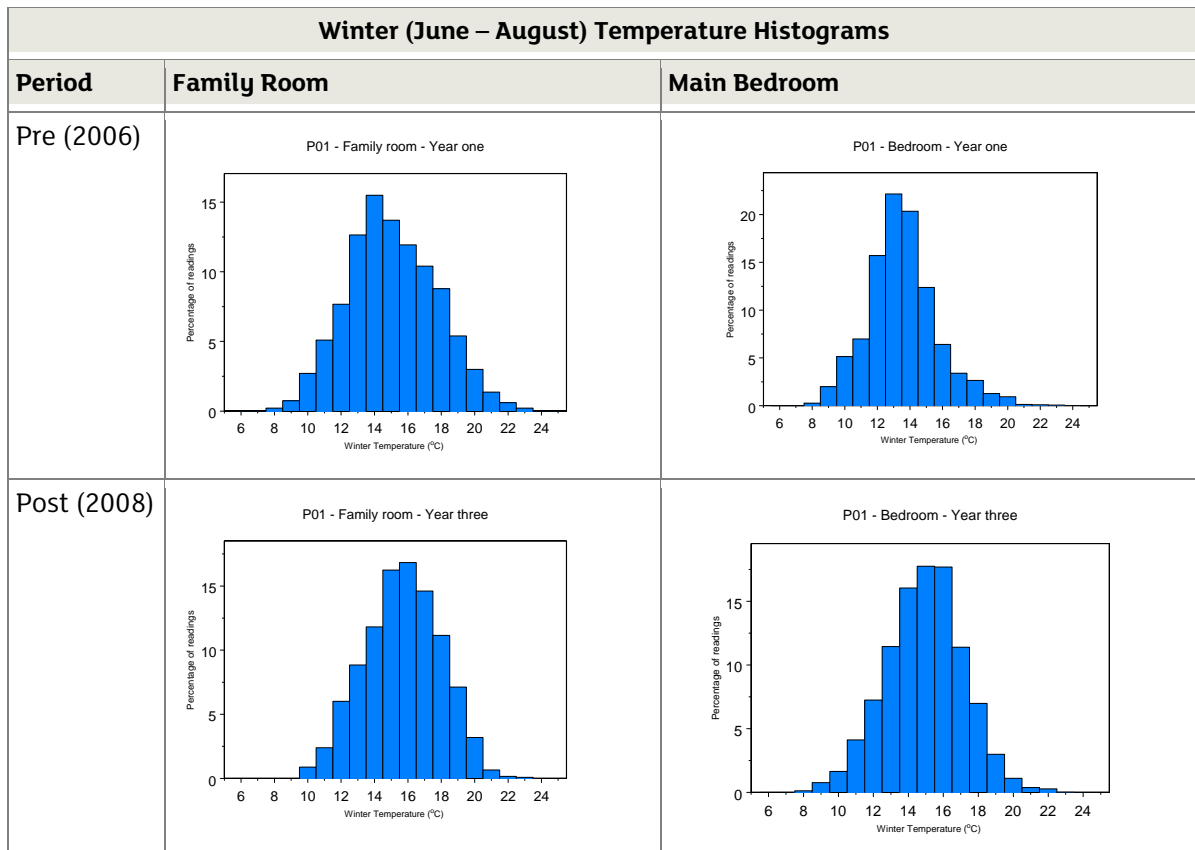


House 1 Papakowhai Renovation Project



Family Room Temperatures Winter (May – September)					
Period	Mean 24 Hr Temp (°C)	Mean Minimum Temp (°C) 24 Hr	Mean Minimum Temp (°C) Morning	Mean Minimum Temp (°C) Evening	Mean Minimum Temp (°C) Night
Pre Renovation (2006)	14.7	12.5	12.6	16.3	12.9
Post Renovation (2008)	15.8	13.3	13.4	17.5	13.7

Main Bedroom Temperatures Winter (May – September)					
Period	Mean 24 Hr Temp (°C)	Mean Minimum Temp (°C) 24 Hr	Mean Minimum Temp (°C) Morning	Mean Minimum Temp (°C) Evening	Mean Minimum Temp (°C) Night
Pre Renovation (2006)	13.2	11.6	11.8	14.0	12.4
Post Renovation (2008)	14.7	12.2	12.5	15.7	13.2



House 1 Papakowhai Renovation Project



Period	House 1 Main Bedroom July Relative Humidity	
	% Time Above 70%, 24 hr	% Time Above 70%, night
Intermediate (2007)	51%	40%
Post (2008)	74%	49%

House 1 July Temperatures - % Time Below Healthy Temperatures				
Period	Family Room		Main Bedroom	
	% time below 18°C, 24 hr	% time below 18°C, evening	% time below 16°C, 24 hr	% time below 16°C, night
Pre-Retrofit (2006)	85%	58%	66%	88%
Intermediate (2007)	73%	39%	40%	67%
Post-Retrofit (2008)	89%	69%	64%	85%