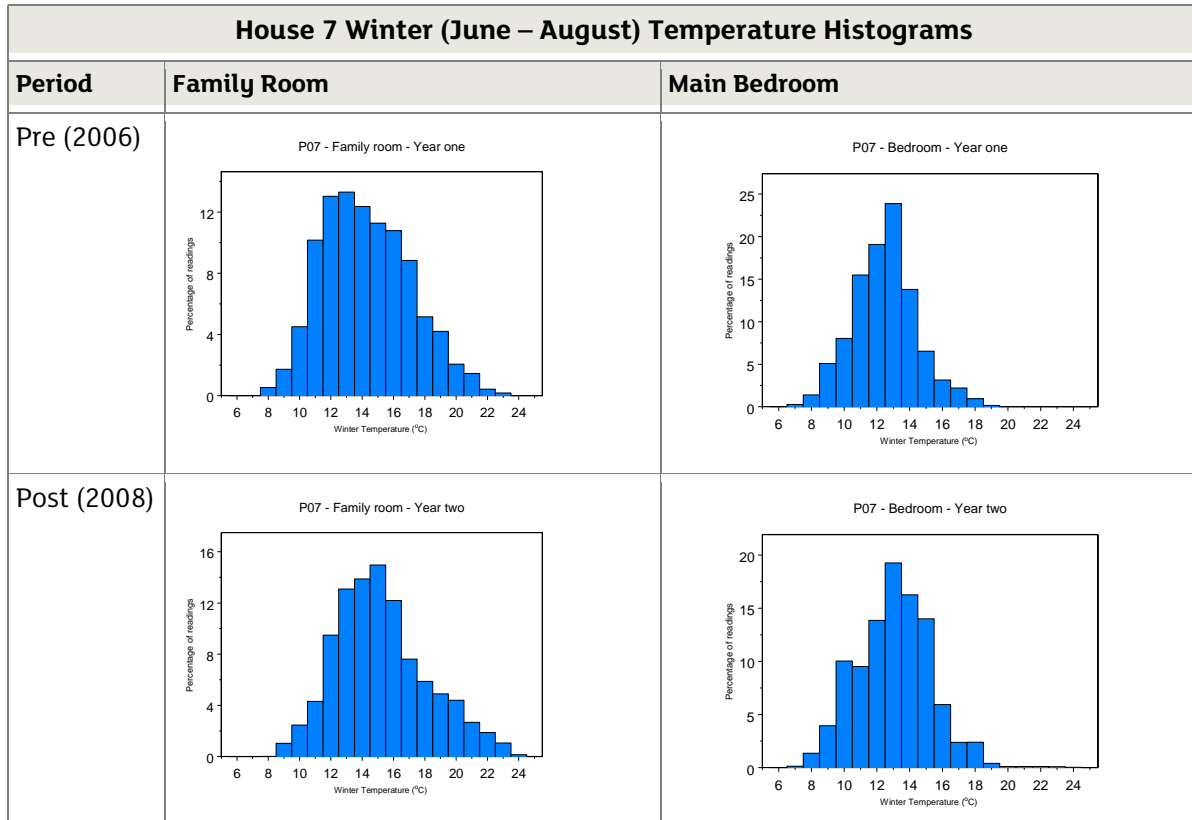


House 7 Papakowhai Renovation Project



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 Temps (°C) Night
Pre Renovation (2006)	13.6	12.7	12.7	15.7	13.0
Post Renovation (2008)	14.7	13.1	13.3	15.8	13.6

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 Temps (°C) Night
Pre Renovation 2006)	12.4	11.6	11.7	15.7	13.0
Post Renovation (2008)	13.4	13.1	13.3	15.8	13.6



**House 7
Papakowhai Renovation Project**



Period	House 7 Main Bedroom July Relative Humidity	
	% Time Above 70%, 24 hr	% Time Above 70%, night
Intermediate (2007)	80%	98%
Post-Retrofit (2008)	63%	74%

House 7 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)	84%	86%	82%	95%
Intermediate (2007)	62%	62%	61%	71%
Post-Retrofit (2008)	88%	88%	85%	91%