

## Coverage of HEEP annual reports

The HEEP Year 7 report provides more extensive coverage of New Zealand houses than previous reports:

- Early reports (Years 1 – 4) reported on the pilot study, which used houses that were *not* randomly selected, and therefore their results are not representative of New Zealand, in part or as a whole
- From Year 5 onward, the HEEP reports contained analyses that were representative of parts of NZ, depending on how many regions had been completed

The current coverage of randomly selected houses includes: Auckland, Hamilton, Tauranga, Wellington, Dunedin, Christchurch, Invercargill, and all the clusters that have been or are currently monitored (299 randomly selected houses in total). The Year 7 report is representative of 47% of NZ for the analysis based on the energy and temperature monitoring, and about 75% for the results based on the HEEP survey questionnaire.

Results from Years 1 – 4 reports should now be regarded as case studies only, and used with careful regard to the data from which they were drawn. For analysis reported from Year 5 and later, only the most up-to-date results should be used.

Status	Report Year	Regions covered in report analyses	House count	Number of houses used for report	Percentage coverage of NZ
Pilot	1	Wanganui, Christchurch	18	10 Wanganui, 8 Christchurch	
Pilot	2	Wanganui, Christchurch	37	29 Wanganui, 8 Christchurch	
Pilot	3	Wanganui, Wellington	40	29 Wanganui, 11 Wellington non-random	Not a random, representative sample
Pilot	4	Wanganui, Wellington	81	As Year 3 plus 41 random Wellington. Varied by analysis.	
Full	5	Wanganui, Wellington, Hamilton	109	As Year 4 plus 17 random Hamilton, 11 non-random Hamilton. Varied by analysis.	<b>13%</b> for analyses based on random sample. Still much non-representative analysis.
Full	6	Auckland, Hamilton, Wellington	160	As Year 5 plus 50 random Auckland	<b>37%</b> for analyses based on random sample. Some non-representative analysis
Full	7	Auckland, Hamilton, Wellington, Christchurch + other areas by questionnaire only	260	As Year 6 plus 47 random Auckland, 36 random houses Christchurch, 10 random houses Waikanae.	<b>47%</b> for analyses of temperatures and energy based on random sample. About 75% for analysis based on HEEP survey. Most analysis are representative, though the coverage varies
Full	8	As above plus half of the 'rest of NZ' sample	~300	As Year 7 plus half of the 'rest of NZ' sample	<b>75%</b> for analyses of temperatures and energy based on random sample. 100% for analyses based on HEEP survey. Most analysis will be representative, though the coverage will vary
Full	9	Complete	~400	Complete	<b>100%</b> monitoring and survey