

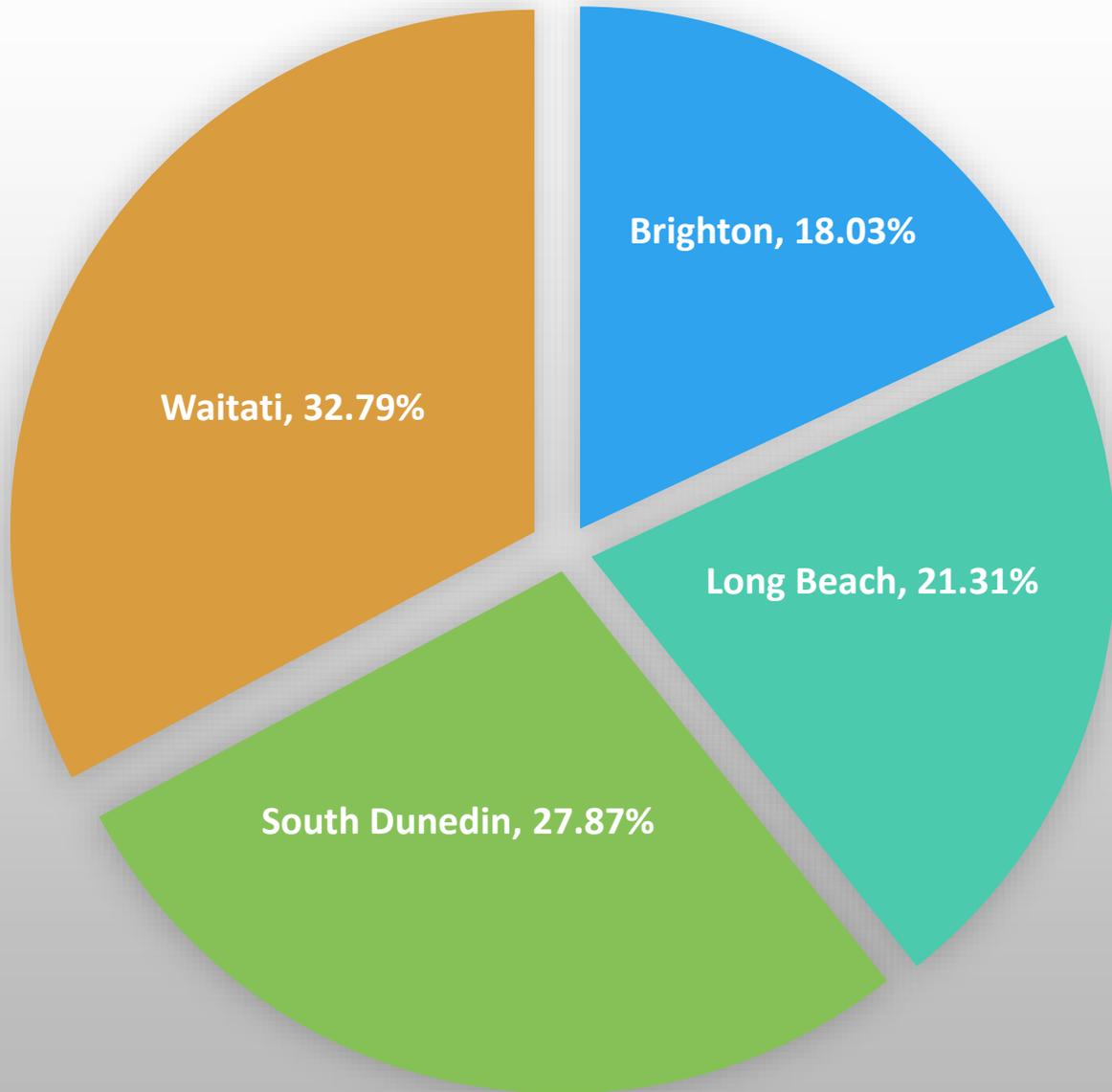
CLIMATE SAFE HOUSING: WHERE MITIGATION AND ADAPTATION MEET

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SURVEY RESULTS

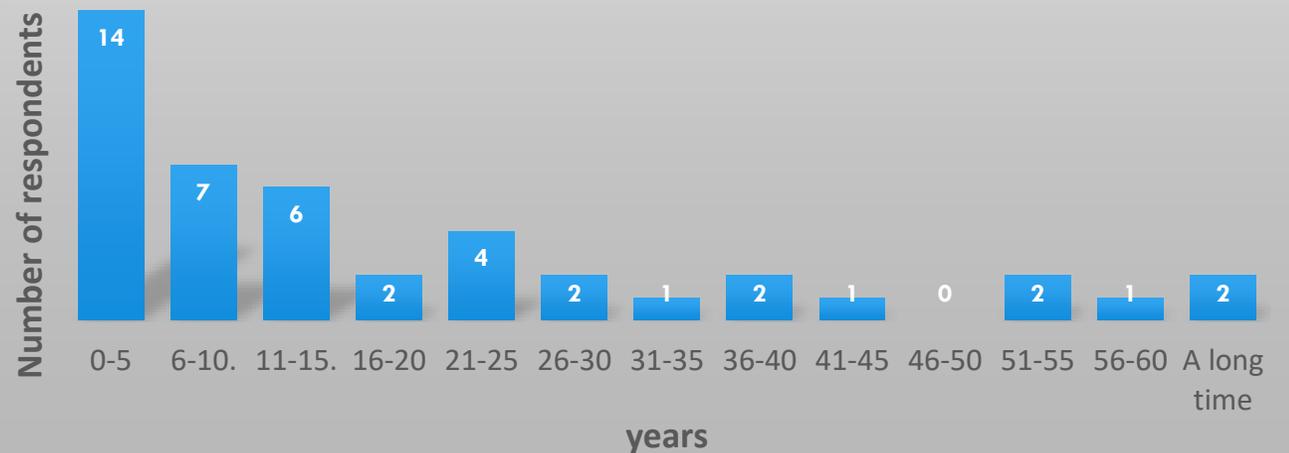
Response locations



What do you like about living in your community?

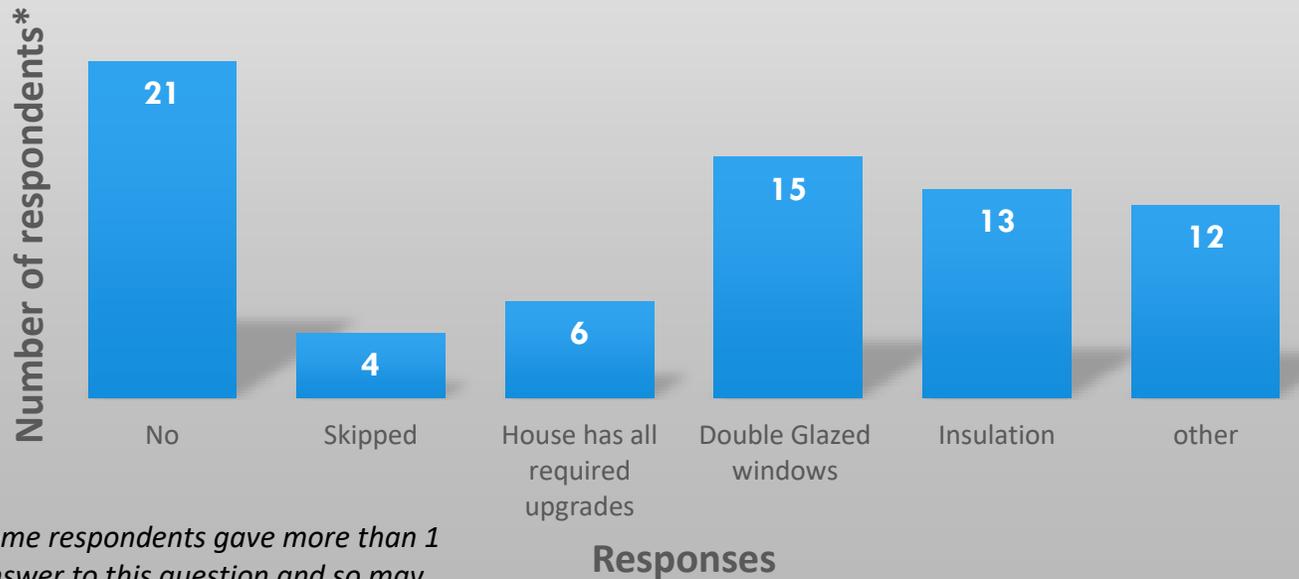
- The sea / beach
- The community
- Peace and quiet
- Access to the city / amenities

How long have you been living in this community?



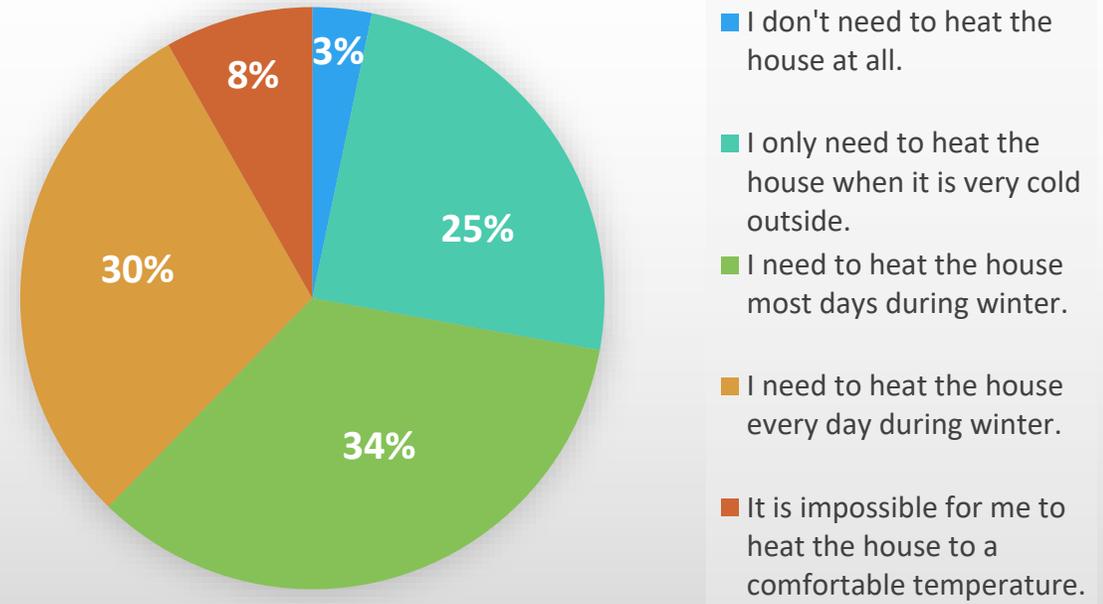
Home structural and thermal efficiency

Do you have plans to improve the structure or thermal efficiency of your house in the foreseeable future? If yes, what are you planning to do?



*Some respondents gave more than 1 answer to this question and so may have been counted twice

How easy is it for you to heat your home to a comfortable temperature?



Barriers to improving thermal efficiency

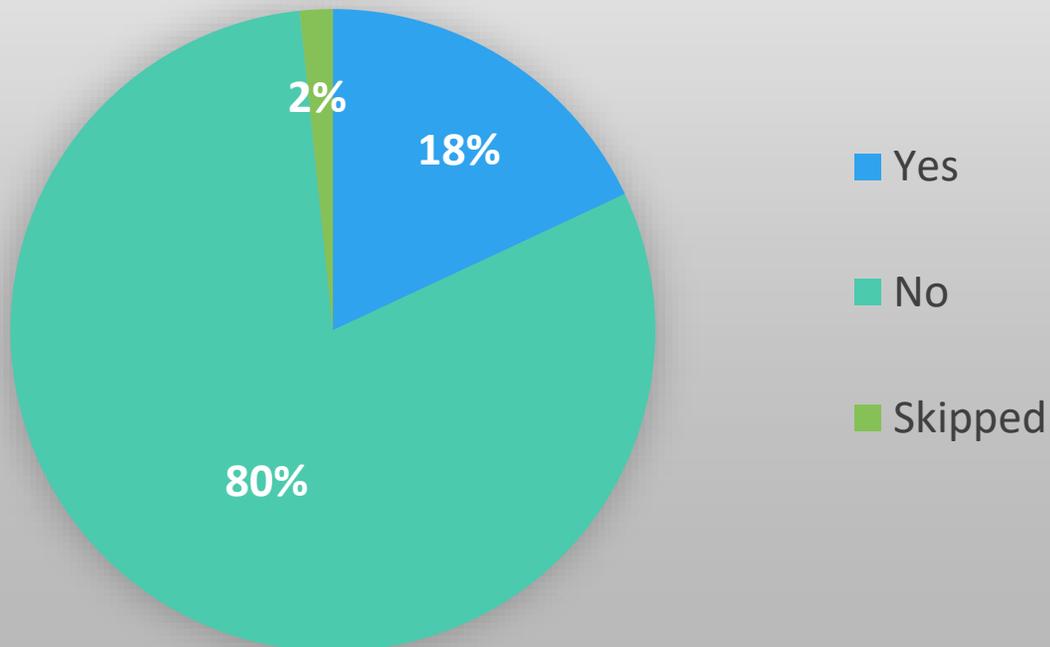
“We know what we need to do, but simply can not afford it.”

“No as we rent”

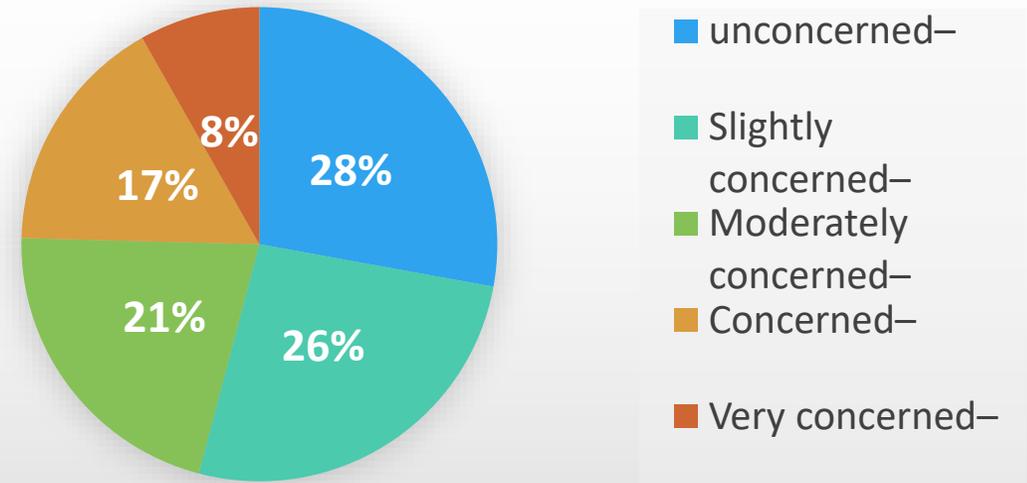
“Need to put better curtains up. Other than that there doesn't seem to be much I can do”

Perceptions of sea level rise

Are you preparing for sea level rise?



How do you feel about sea level rise and what it might mean for your property?



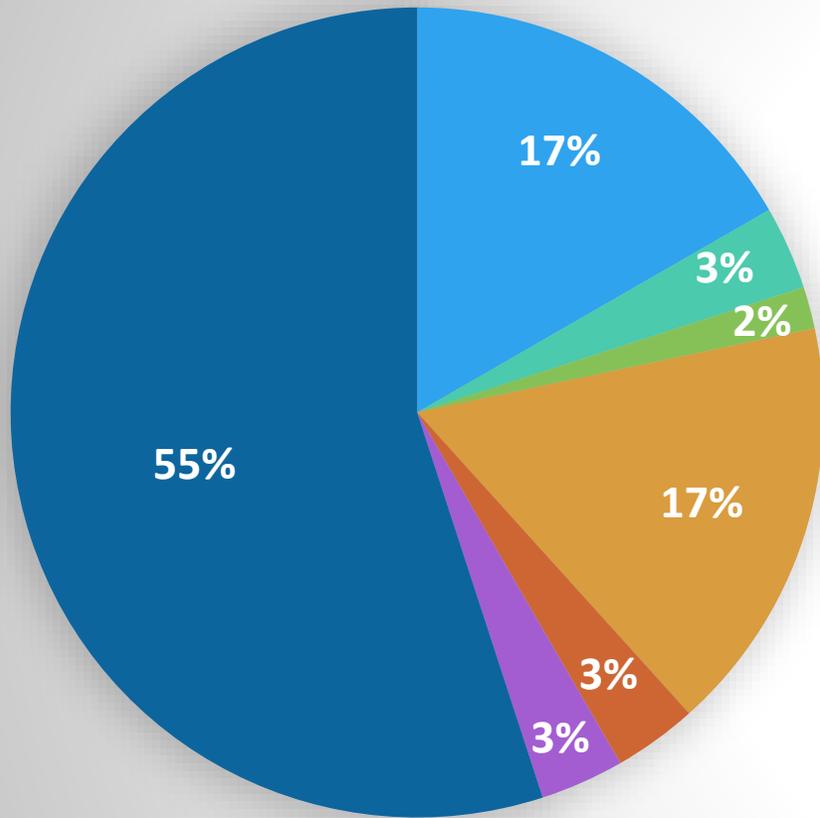
Plans for sea level rise

- Move to higher ground
- Escape plan for flooding
- Monitoring progress/Waiting to see

Reasons for not having plans

- Too old
- Not enough money
- House is high enough above sea level already
- They don't think the sea level is rising

Do you think the issue of sea level rise is being addressed properly by local and central government?



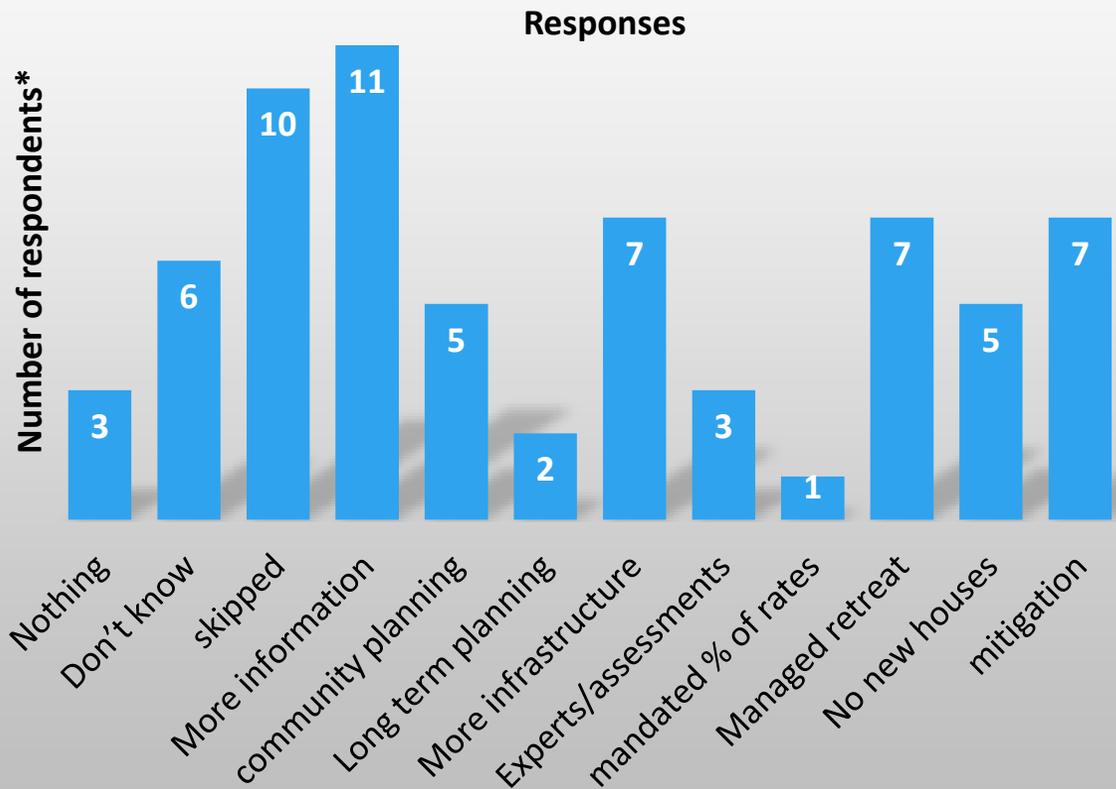
- I don't Know
- To some extent
- It doesn't matter
- Yes
- It's up to the people
- Skipped
- No

“No - I think most are aware of the issue but find it difficult to prioritize something that is seen as a long term issue versus the large number of issues they have to deal with short to medium term.”

“No, but I also think even a slight rise in sea level is going to create more issues than you can foresee so I don't believe in doing too much just yet. Roads will need to be re-routed, whole cities will need moved.”

“I haven't read enough on what they are doing to fully answer this but since I haven't heard of lots of action perhaps it does need to be addressed further”

What do you think needs to be done about the problem?



“Multiple different (parallel) approaches, including helping people relocate, ensuring there are places to relocate to, supporting those that don't want to move (including helping them protect their property and maintaining the neighborhood feel as much as possible, so it doesn't get like the red zone in Christchurch).”

“Community consultations with good ideas being acted upon. Action plans for those living in low lying areas to move up/inland”

“More information for residents about sea level rise”

“Central funding (or mandated % of rates) to be set aside to combat/prepare for rising sea levels with a 10 to 20 year plan in place.”

**Some respondents gave more than 1 answer to this question and so may have been counted twice*

“But it sounds like, you know, council expect me to be in waders with water through my house, or they’ve shifted me out. And neither option is acceptable. So what are they doing? How come they’re not looking at more aggressive options for drainage?” – *South Dunedin*

“If the council said "ok you're going to be underwater in 5 years we have DCC flats \$100 whatever thousand", they'd be subsidised you can buy them or rent them so that we haven't got that anxiety. So that's something we need to...I'd like Scott and the resilient committee to be negotiating. Because it's not our fault this climate is changing.” - *Waitati*

“Long term I think sea level rise is going to have a huge impact on communities all around New Zealand. We’re an island nation. And we’ve all settled on the coast. So, you know, the cost to the nation for raising roads, even out at Doctors Point. Doctors Point is fine, it’s just getting there that’s the problem. And so you go “hmm, that bit of road before the bridge, they might have to put a flood bank there and put the road on top of it.” But that’s all money. So, erosion, the coast line, what happens down the peninsula. They’ve just rebuilt that road and god, why did they not put it up higher? I just can’t believe that.” – *South Dunedin*

“I see in a lot of places in a long period of time that there’s going to come a time when the younger generation will say “you knew about this and you didn’t do anything. And you could have, but you didn’t. Through inertia, inaction or lacking in moral courage, whatever, you didn’t do anything and look what you’ve left us.” - *Waitati*

An aerial photograph showing a lush green landscape on the left, divided into fields and forested areas, meeting a large, deep blue body of water on the right. The water has some darker patches, possibly indicating depth or submerged vegetation. The overall scene is bright and clear.

A Holistic Approach providing a Test Bed:

- Grass roots implementation of the UN's Sustainable Development Goals
- Exploring innovation in Household energy generation and conservation
- Including monitoring and education
- Involving collaborative design, participant engagement
- Communication and action learning process















DESIGN BY
SARA FÖRG



ACTION LEARNING

- POLITICAL CHALLENGE
- SOCIAL CHALLENGE
- ECONOMIC CHALLENGE
- TECHNICAL CHALLENGE

