

Aide-Mémoire

Health New Zealand
Te Whatu Ora

Infrastructure Officials meeting, Monday 11 August

Due to MO:	7 August 2025	Reference	HNZ00095295
To:	Hon Simeon Brown, Minister of Health		
From:	Jeremy Holman, Chief Infrastructure and Investment Officer		
Copy to:	N/A		
Security level:	In Confidence	Priority	Urgent
Consulted	N/A		
Proactive Release:	This title is proposed by Health NZ for proactive release		

Contact for further discussion (if required)			
Name	Position	Phone	1st contact
Jeremy Holman	Chief Infrastructure and Investment Officer		X
Zainab Abbas	Head of Office Chief Infrastructure and Investment Officer		

Attachments	
Appendix 1:	Project Performance Summary Period ending 30 June 2025
Appendix 2:	Health Capital Envelope Allocation July 2025
Appendix 3:	Earthquake Prone Building Review Presentation

Please note, information contained in Appendix 1 and Appendix 2 is incorporated into the 30 June Health Capital Update, which is publicly available on Health New Zealand's website (HNZ00091332 refers): <https://www.tewhatauora.govt.nz/publications?start=10&publications-type=Ministerial+advice>

Purpose

1. This Aide-Mémoire provides you with background reading to prepare you for the meeting with Infrastructure Officials on Monday 11 August 2025.

Discussion

Major Project Reporting

2. Due to the change in timing of this meeting, the Health Capital Update for 30 June 2025 is still being finalised and not ready to be presented at this meeting. This will be provided to you by 20 August 2025.
3. In the meantime, we are providing you with the project performance summary (Appendix 1) and the Health Capital Envelope Allocation summary (Appendix 2). These documents were provided to the Ministerial Health Infrastructure Committee for their first meeting on 8 August 2025.

Seismic Work Programme

4. Your office has advised you would like a deep dive on Health New Zealand | Te Whatu Ora's (Health NZ's) seismic work programme
[REDACTED]
5. The seismic work programme was established in 2022 to manage and mitigate seismic risks. We have prepared a presentation (Appendix 3). This covers:
 - a) Seismic risk within the portfolio
 - b) [REDACTED]
 - c) [REDACTED]
6. Our Trusted Seismic Advisor, Dave Brunson will be in attendance. [REDACTED]. He was first engaged by the Ministry of Health in March 2021 and has been contracting for Health New Zealand since December 2022.

Next steps

7. We will provide the full Health Capital Update for 30 June 2025 by 20 August 2025.

Seismic Risk Management

Briefing to Minister
11 August 2025

Overview of Seismic Risk

- Seismic Work Programme established in 2022 to manage and mitigate seismic risks
- Seismic risk centres around two dimensions – **life safety** and **continued functionality**
- **MBIE** Seismic Risk Guidance for Buildings:
 - “There is no legal requirement to close a building based solely on a low % New Building Standard (NBS)”
 - “The Act includes statutory timelines for remediating earthquake-prone buildings (from 7.5 to 35 years) and does not preclude continuing to use and occupy them in the meantime”



Life safety

- The exposure of people to injury or death from the failure of structural or non-structural elements or their connections during earthquakes: **Informed by %NBS (New Building Standard) ratings** from seismic assessments.



Continued functionality

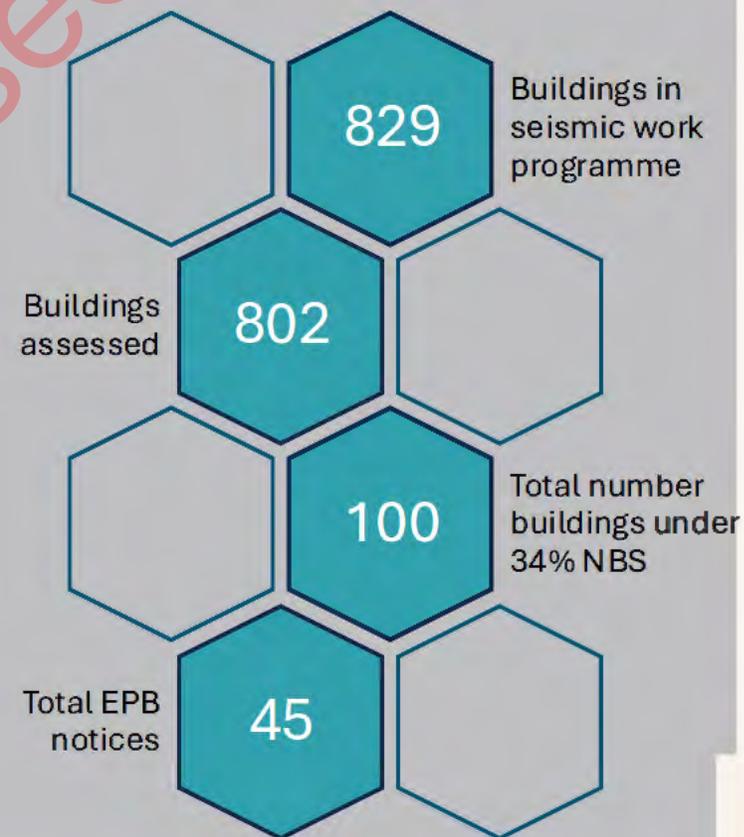
- The ability for hospital buildings to be able to function following an earthquake event, particularly those categorized as **Importance Level 4 (IL4)**.

Seismic Work Programme

Health New Zealand | Te Whatu Ora (Health NZ) will take a risk-based approach to managing the seismic risk with the health portfolio.

Health NZ have developed and implemented:

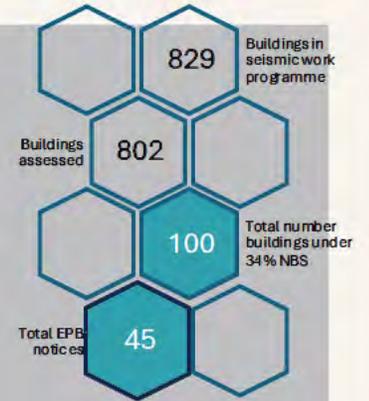
- the Seismic **Policy** and **Strategy**
- an externally legally reviewed **occupancy risk evaluation process**
- **guidance** for the design of **new hospital buildings** *
- **post-earthquake response arrangements** to address the '*do we stay or go decision*' following an earthquake
- a **process** to assess level of **seismic restraint** in our buildings
- reporting **dashboards** to ensure **national visibility** *



* Outlined in Annex 1, along with three dashboards providing a snapshot of the seismic status of our portfolio

Current seismic portfolio – at a glance

There are a number of nuances to assessing seismic risk including which seismic zone the building is located, the service the building provides and the specific seismic vulnerability (structural or non-structural element).



Seismic zone	High	Medium	Low	TOTAL
Total buildings assessed <34% NBS	33	50	17	100 (7.8%*)
NBS rating: <20%	5	6	1	12
NBS rating: 20-33%	28	44	16	88
Indicative - to be assessed **	~27			
TOTAL EPB notices issued	9	28	8	45 (3.5%*)
Occupied: Patient facing	3	13	4	20
Non-patient facing and vacant buildings	8	13	4	25

* % of total portfolio of 1274 buildings

Proactively Released

Proactively Released

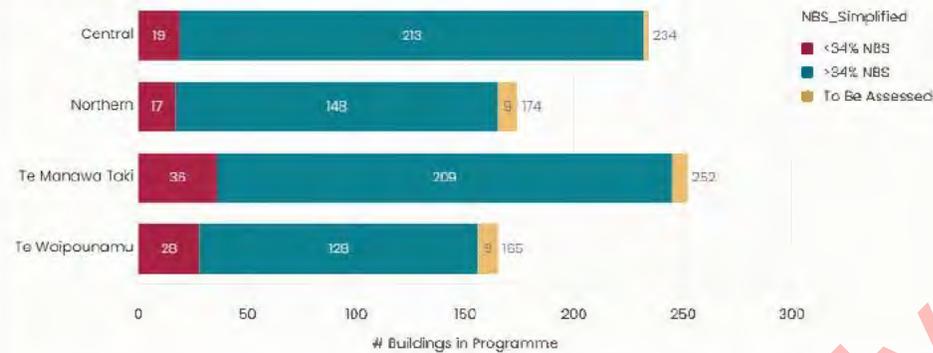
Annex 1

Proactively Released

Dashboard - Snapshot

Buildings in Programme: 829 Assessed Buildings: 802 To Be Assessed: 27 Total EPB Notices: 45 Total Buildings < 34% NBS: 100

NBS Snapshot by Region



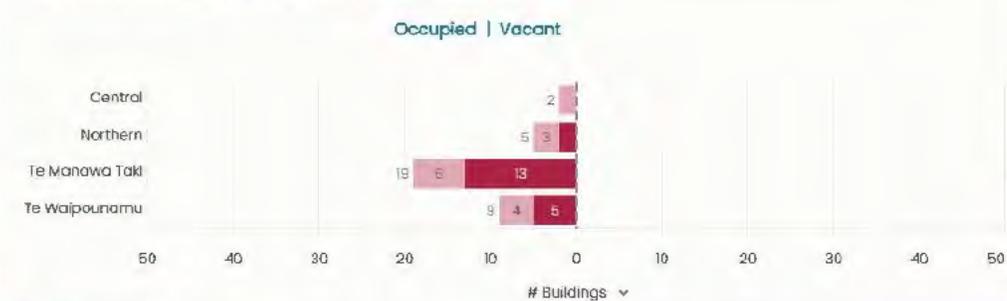
NBS Snapshot by Region & Occupancy Occupied



Buildings Rating Review by Seismic Zone

Seismic Zone	Totals		High Zone		Medium Zone		Low Zone	
	# Buildings	% Buildings						
Totals	802	100.0%	340	42.4%	270	33.7%	192	23.9%
A+ (>100%)	205	25.6%	74	9.2%	82	7.7%	69	8.6%
A (80-100%)	80	10.0%	38	4.5%	21	2.6%	23	2.9%
B (67-79%)	126	15.7%	59	7.4%	36	4.5%	31	3.9%
C (34-66%)	291	36.3%	138	17.2%	101	12.6%	52	6.5%
D (20-33%)	88	11.0%	28	3.5%	44	5.5%	16	2.0%
E (<20%)	12	1.5%	5	0.6%	6	0.7%	1	0.1%

NBS Snapshot by Region & Occupancy Occupied



Filters applied: IL: IL4

Dashboards - Snapshot

Buildings in Programme
829

Assessed Buildings
802

To Be Assessed
27

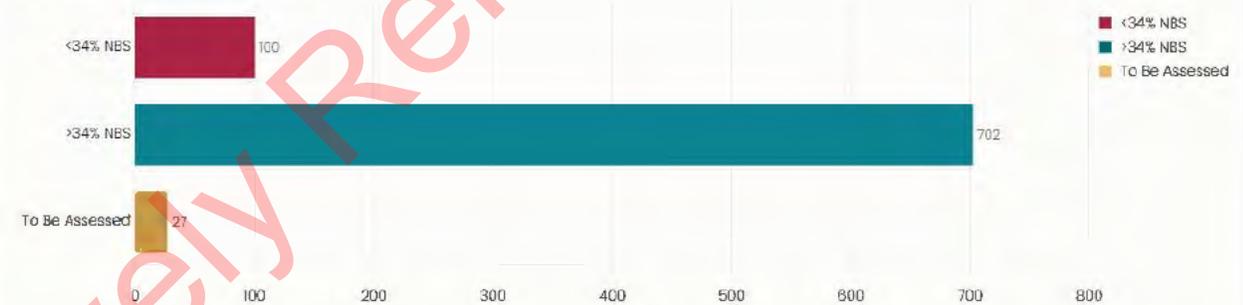
Total EPB Notices
45

Total Buildings < 34% NBS
100

Geographic Distribution & Risk Zones



Total Buildings by %NBS value



Seismic Zone Distribution for Buildings with <34%NBS

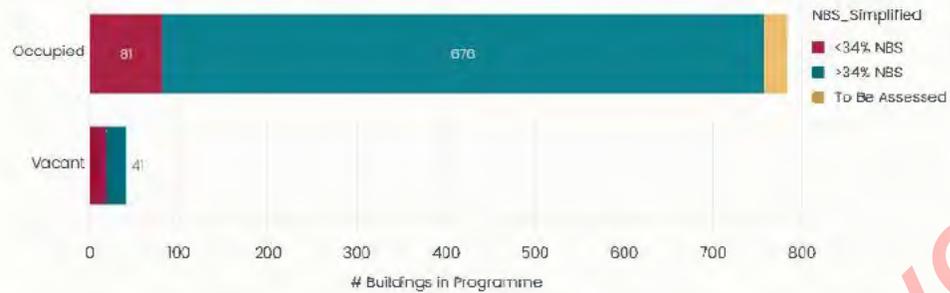


Dashboards - Snapshot

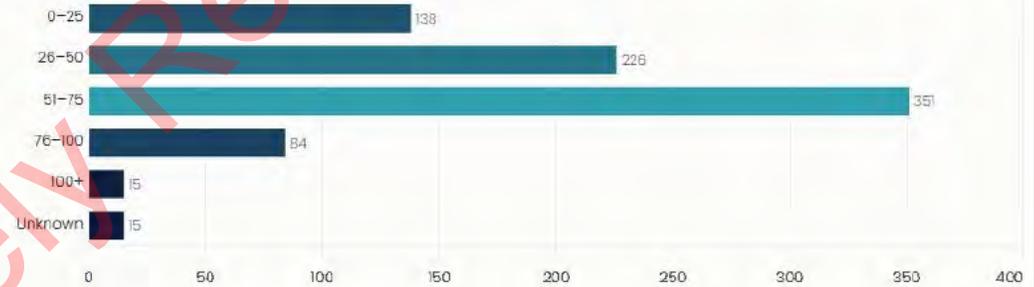
Buildings in Programme Assessed Buildings To Be Assessed Total EPB Notices Total Buildings < 34% NBS

829 802 27 45 100

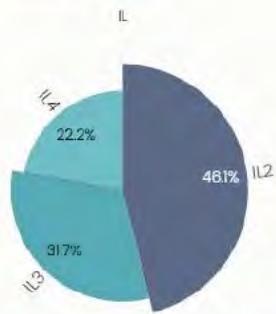
Proportion of Vacant and Occupied Buildings in Total Portfolio with %NBS



Building Age Distributions



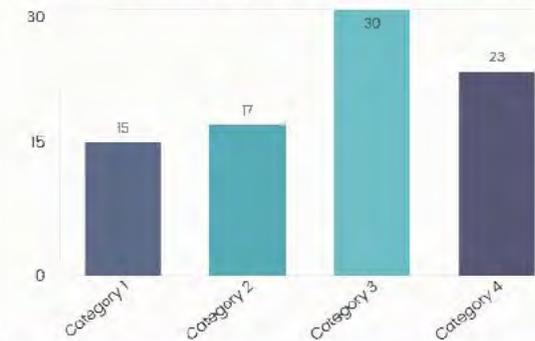
IL Information with Average Age



Building Typology Information



Number of Buildings per Occupancy Category



Seismic Occupancy Risk Evaluation Process

- Legally reviewed process developed to inform Board decision on whether it is safe to continue to occupy buildings rating <34%NBS, and prioritise seismic remediation work
- Undertaken in accordance with the MBIE Seismic Risk Guidance for Buildings (as per other agencies), and consistent with the Health and Safety at Work Act 2015
- Staff are briefed on the decision and given the opportunity to ask questions
- Occupancy decision is annually reviewed

The following four pages have been withheld