

Sustainability Report

Quarter Four, 2024/2025

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Sustainability Performance year-end Summary

The greenhouse gas emissions of Health New Zealand | Te Whatu Ora (Health NZ) continue to decrease. Overall emissions reduced by 2% year-on-year for the 2024-2025 financial year.

The overall reduction in emissions occurred even though electricity – the second largest source – experienced a 35% increase due to changes in emission factors. This increase contrasts with a modest 2% increase in electricity consumption.

Coal-based emissions reduction have been the main driver behind Health NZ's trajectory. Most of the coal-replacement infrastructure projects are now completed and this has resulted in 65% emissions reduction compared to the previous financial year.

Staff travel emissions reductions fluctuated through the year, but they decreased by over 10% year-on-year.

Fleet fuel emissions have declined 6% and waste 7% year-on-year with 1 in 5 of Health New Zealand's fleet being electric or hybrid electric vehicles and this trend is projected to continue upwards.

Related reports

- Sustainability Report – Quarter 1 2023/24
- Sustainability Report – Quarter 2 2023/24
- Sustainability Report – Quarter 3 2023/24
- Sustainability Report – Quarter 4 2023/24
- Sustainability Report – Quarter 1 2024/25
- Sustainability Report - Quarter 2 2024/25
- Sustainability Report - Quarter 3 2024/25

National Overview

Key objectives and progress

Health System decarbonisation

Goal: To reduce health system carbon emissions in line with a 1.5-degree scenario.

Health NZ published its first Emissions Reduction Plan (ERP) for the period 2025-2027. The ERP is a requirement of the Carbon Neutral Government (CNGP) Programme and it sets decarbonisation targets aligned to CNGP guidance.

Health System Resilience and Adaptation - Goal: To safeguard our health system by planning for and adapting to the impacts of climate change.

- Ongoing support to MoH Vulnerability and Adaptation Assessment
- Development of Adaptation Framework for Health NZ.

Environment in all Practices - Goal: Realise co-benefits that include the environment alongside health, equity, social and economic values.

Health NZ ran the first Sustainability Month awareness campaign in April with weekly articles, a quiz and other engagement for kaimahi. Over 1000 interactions with sustainability content were recorded during the month.

Emission sources report – Quarterly totals and top emission sources



Figure 1 - Graph showing the total emissions for Health New Zealand for this quarter. Previous four quarters included for reference.



Note on Quarterly Total Emissions

This graph illustrates quarterly emissions for all measured sources. As this is the last quarter, sources which are reported/measured annually are actual rather than projected.

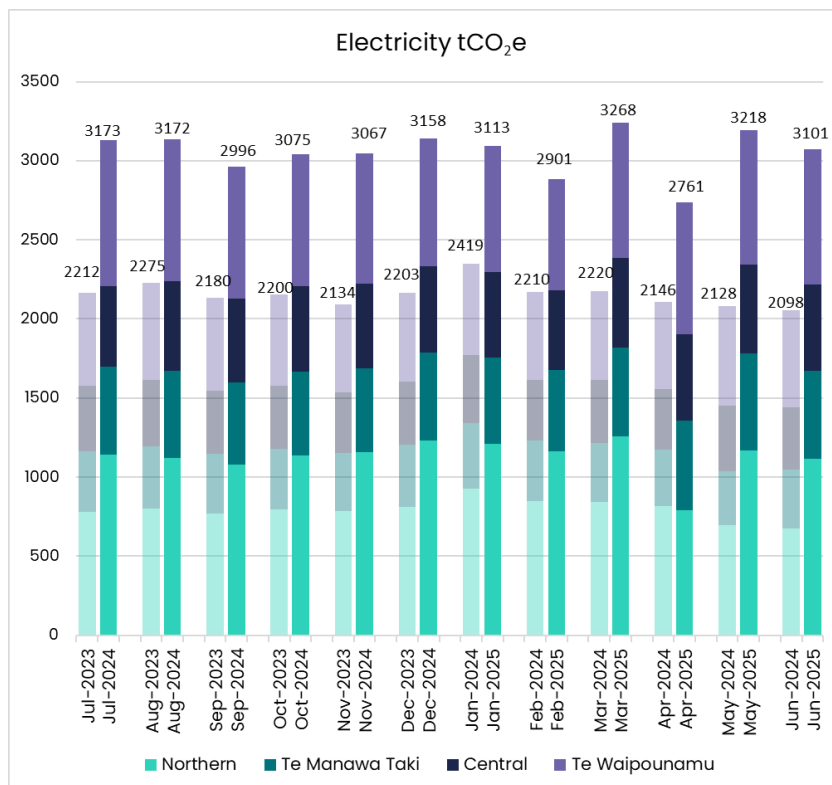


Figure 2 - Graph showing Electricity emissions for the quarter broken down by month and region.

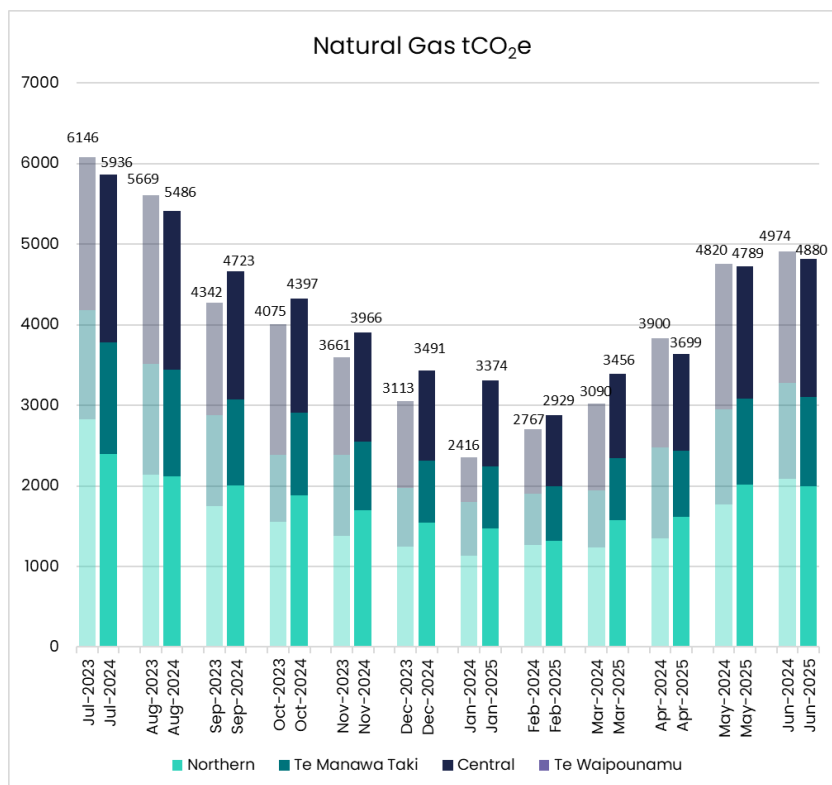


Figure 3 - Graph showing Natural Gas emissions for the quarter broken down by month and region.

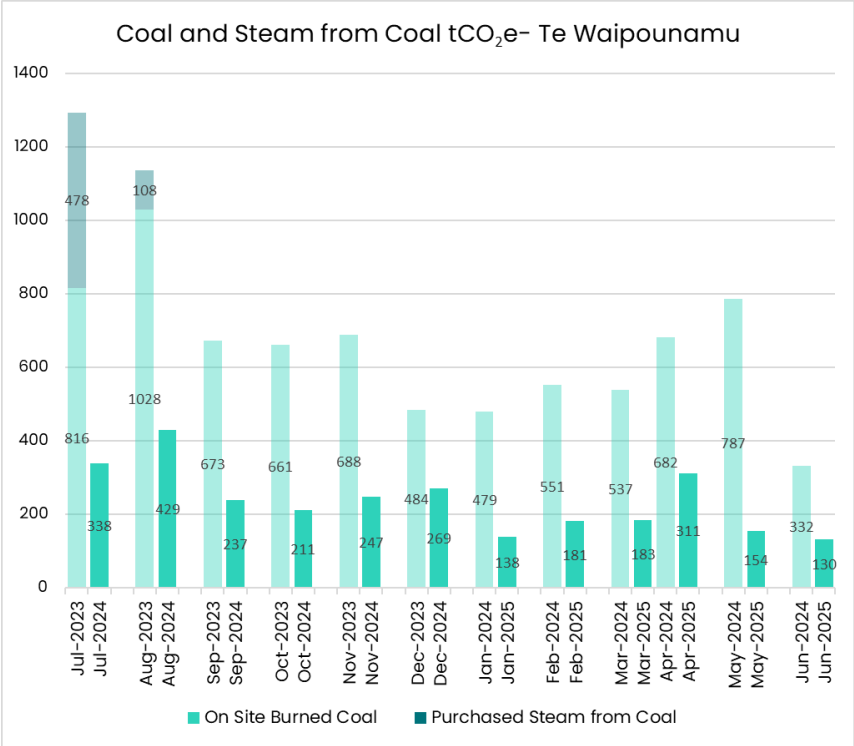


Figure 4 - Graph showing Coal and Steam from Coal emissions for the quarter broken down by month.

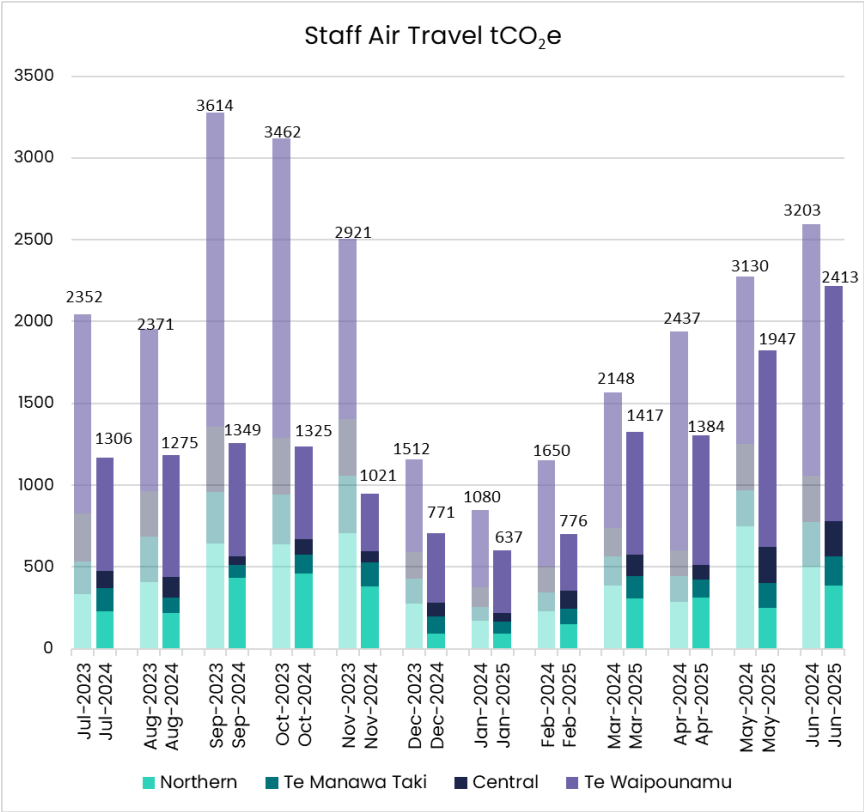


Figure 5 - Graph showing Staff Air Travel emissions for the quarter broken down by month and region.

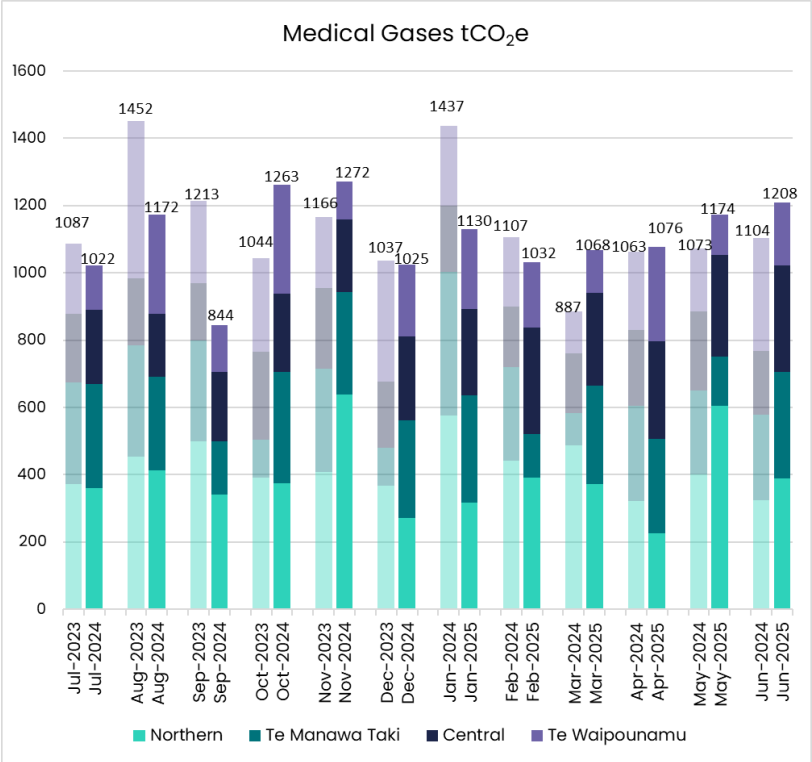


Figure 6 - Graph showing Medical Gases emissions for the quarter broken down by month and region.

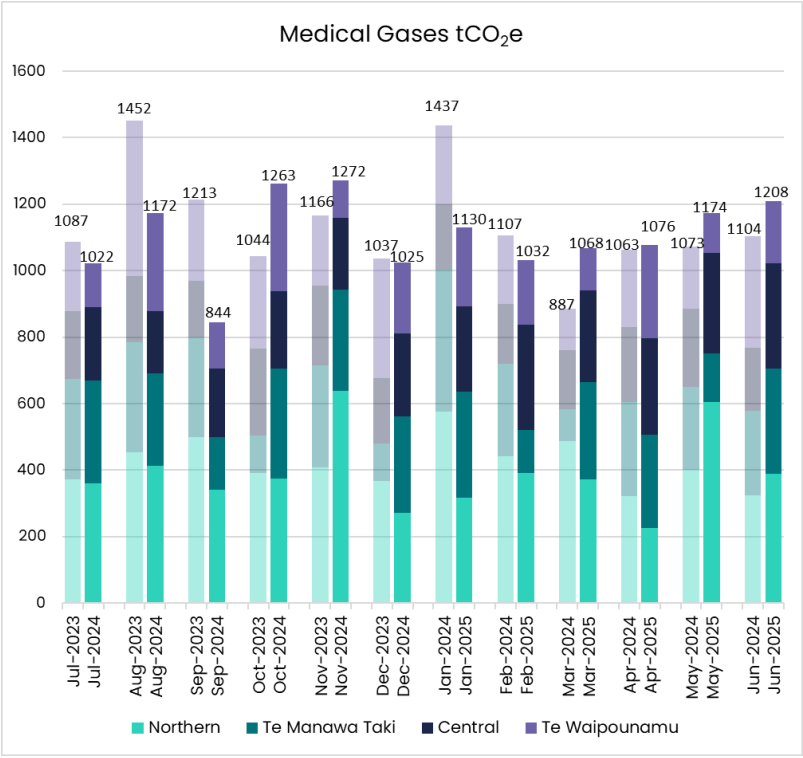


Figure 7 - Graph showing Fleet Fuel emissions for the quarter broken down by month and region.

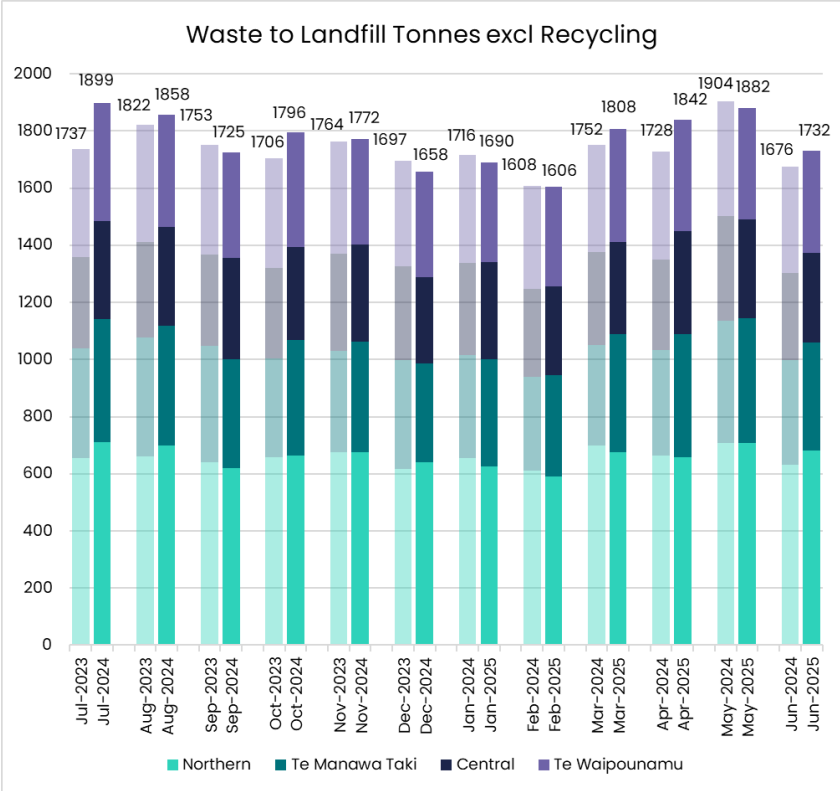


Figure 8 - Graph showing Waste tonnes sent to landfill for the quarter broken down by month and region.

Regional Emissions

Northern Region

Key Objectives and Progress update

Fleet fuels emissions reduced 15% and medical gases 25% compared to the same quarter last year. Staff air travel emissions are stable.

Health System Decarbonisation - Goal: To reduce health system carbon emissions in line with a 1.5-degree scenario.

- 1 Energy Transition project completed for the region – Whangārei Hospital Gas Boiler (Domestic hot water and steam heat)
- 10 Energy Transition projects in flight for the region.

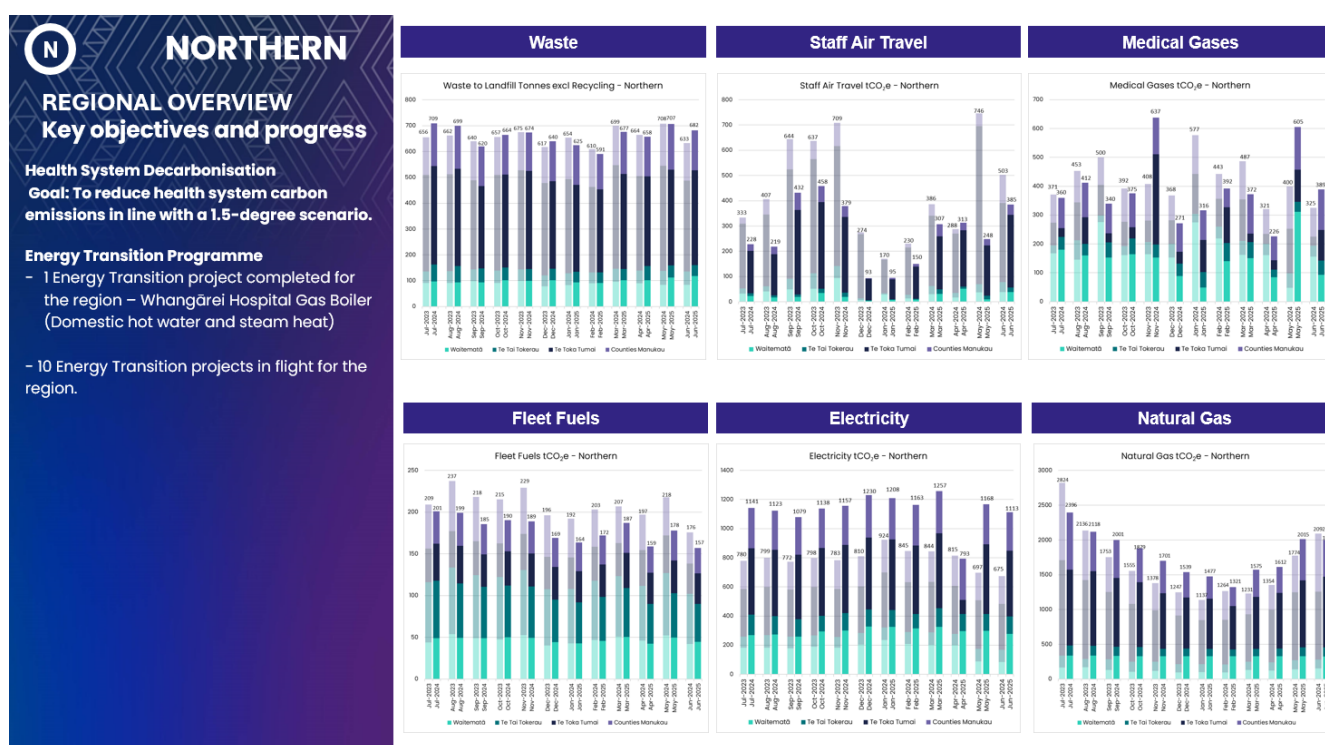


Figure 9 - Graph showing Waste, Staff Air Travel, Medical Gases, Fleet Fuels, Electricity and Natural Gas emissions for the Northern region.

Te Manawa Taki

Key Objectives and Progress update

Staff air travel emissions increased 35% and fleet fuels reduced 10%.

Health System Decarbonisation - Goal: To reduce health system carbon emissions in line with a 1.5-degree scenario

- 2 Energy Transition projects completed – Tauranga Hospital Gas Boiler and LED lighting
- 4 Energy Transition projects in flight for the region.



Note on Medical Gas emissions – Te Manawa Taki

Emissions for medical gases are calculated using purchasing data, rather than actual metered consumption. The large increase for the month of November is due to a doubling-up of purchased gases for one district, that will even out as the excess stock is consumed.

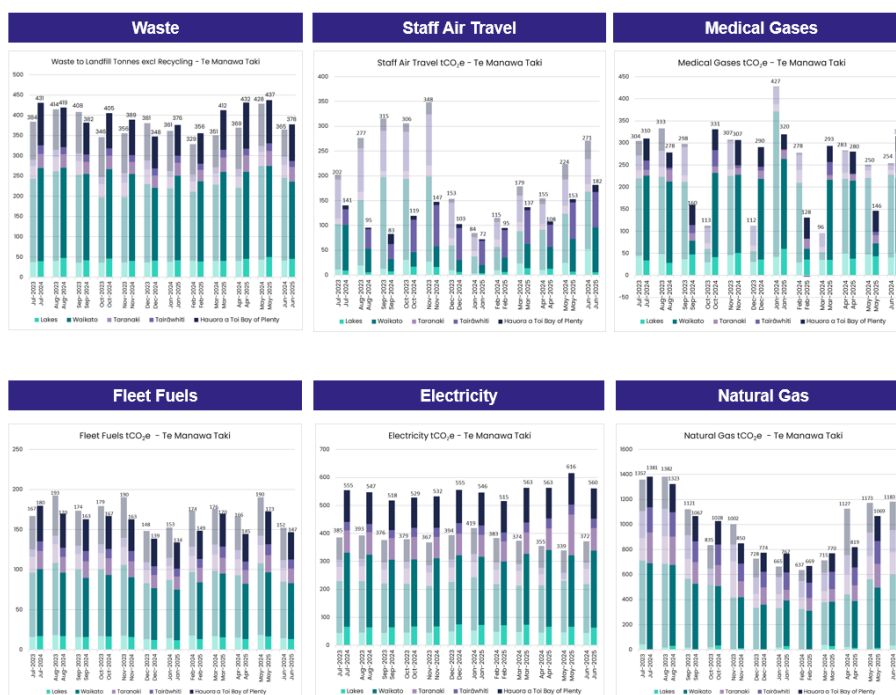
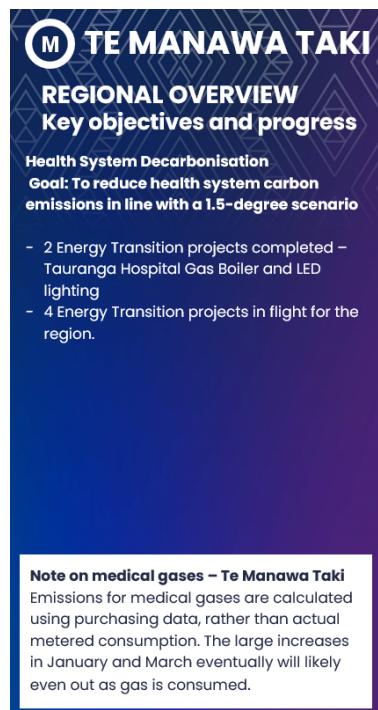


Figure 10 - Graphs showing Waste, Staff Air Travel, Medical Gases, Fleet Fuels, Electricity and Natural Gas emissions for Te Manawa Taki region

Central Region

Key Objectives and Progress update

Staff air travel emissions increased 20% and medical gases by 50%. Fleet fuels emissions reduced 8%.

Health System Decarbonisation - Goal: To reduce health system carbon emissions in line with a 1.5-degree scenario

- 1 Energy Transition project completed – Palmerston North Hospital Chiller 4 replacement – Hawkes Bay Hospital hot water pipework insulation.
- 14 Energy Transition projects in flight for the region.

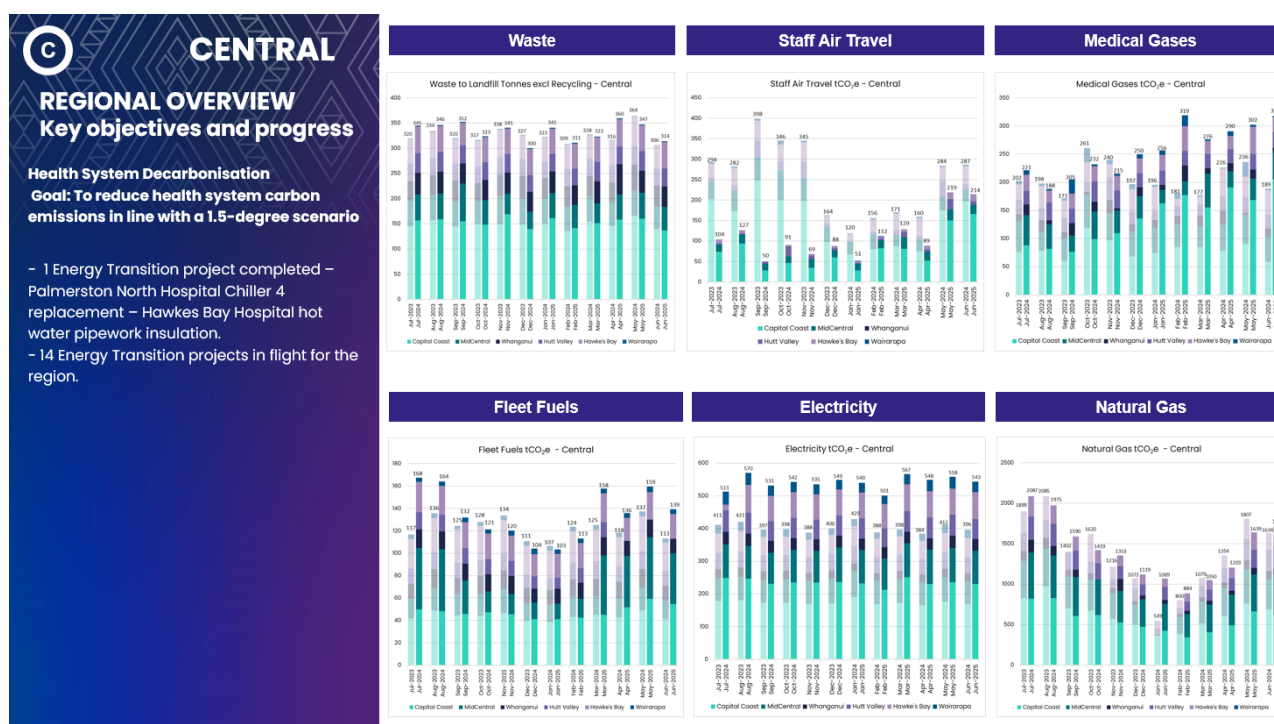


Figure 11- Graphs showing Waste, Staff Air Travel, Medical Gases, Fleet Fuels, Electricity and Natural Gas emissions for Central region.

Te Waipounamu

Key Objectives and Progress update

Coal emissions decreased 70%, Fleet fuels 7%. Staff air travel increased 6%.

Health System Decarbonisation - Goal: To reduce health system carbon emissions in line with a 1.5-degree scenario.

- 8 Energy Transition projects completed; LED for Wairau, Nelson, Talbot Park and Dunstan Hospitals. Diesel Heating replacement at Darfield and Ellesmere Hospitals, Solar PV in Stewart Island, Heat pumps at Wakari Hospital.
- 16 Energy Transition projects in flight for the region.

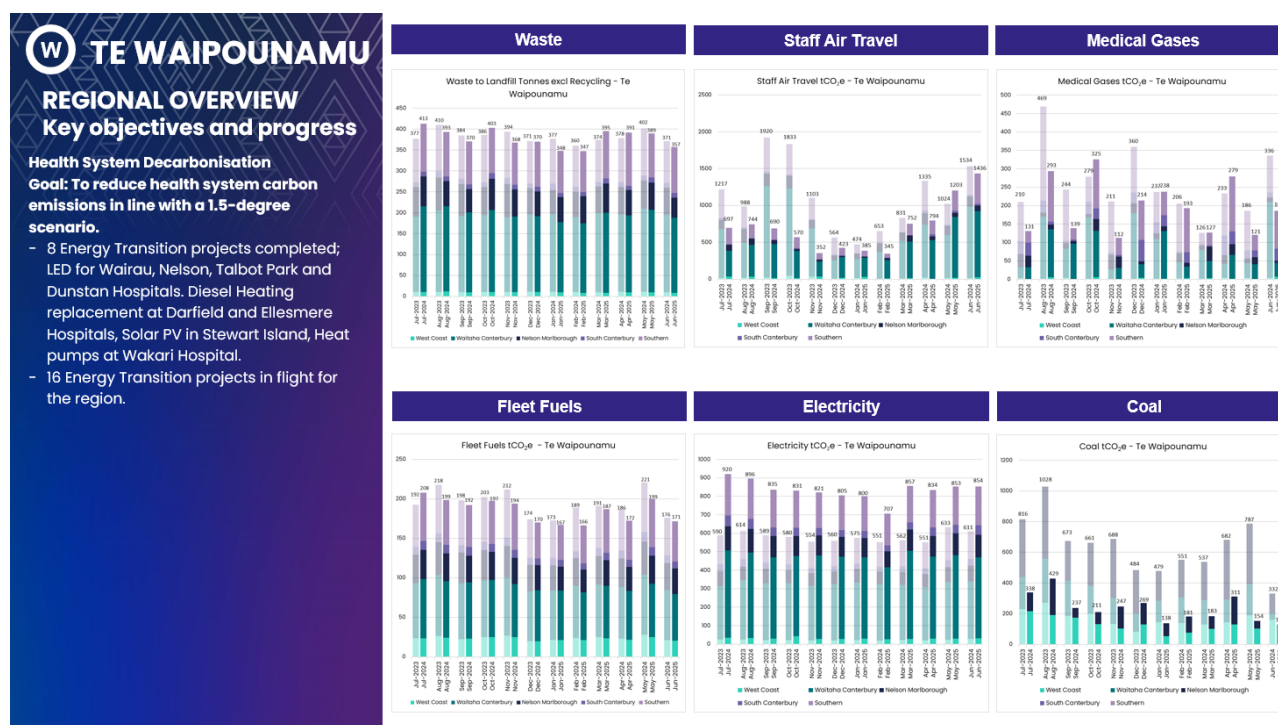


Figure 12 - Graphs showing Waste, Staff Air Travel, Medical Gases, Fleet Fuels, Electricity and Natural Gas emissions for Te Waipounamu region.

