

Sustainability Report

Quarter Two – Financial Year 1 July 2023 – 30 June 2024

NATIONAL OVERVIEW

Key objectives and progress

Health System Decarbonisation

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

FOCUS AREAS:

Energy transition key objectives: 25% GHG reduction by 2025 | remove all coal boilers by 2025

- Coal boiler transition and Energy Transition Programme are both on track

Fleet transition key objective: transition fleet to low emission vehicles by 2025

- Workplan in design phase. Next step strategic programme business case

Understand impacts of and solutions for medical gases and vapours

- Investigation into health and safety risks relating to Nitrous Oxide underway

Risks and barriers

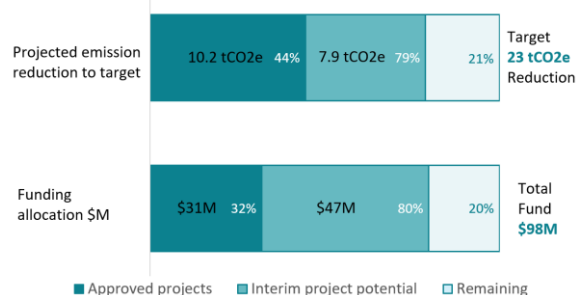
Fleet transition progress is slowed by operating in silos and infrastructure concerns alongside funding

Solutions and mitigations

Working to bring fleet together as a single fleet
Discussions commenced IIG in EV infrastructure
Funding investigations for infrastructure requirements underway

Energy Transition

Energy Transition Programme funding and emission reduction progress to target

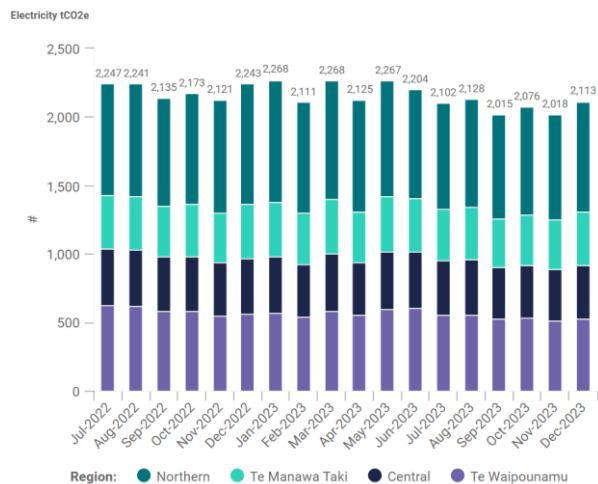


▲ \$6M funding approved this Q

Hospital sites using coal:

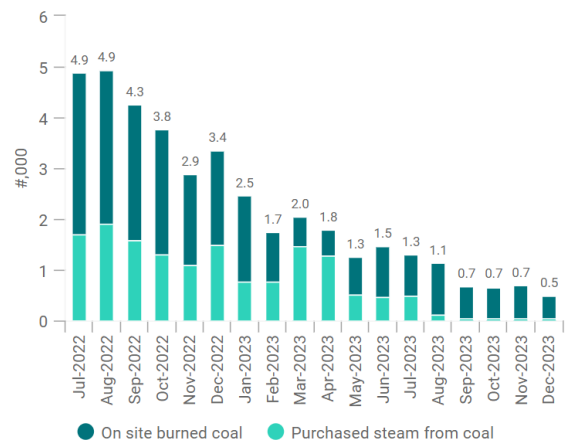


Electricity



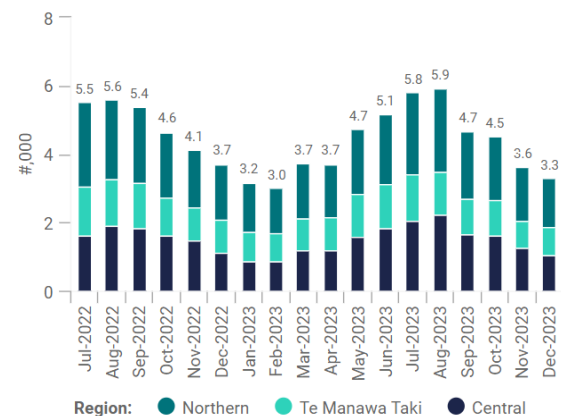
Coal

Coal Te Waipounamu only tCO2e



Natural Gas

Natural Gas tCO2e



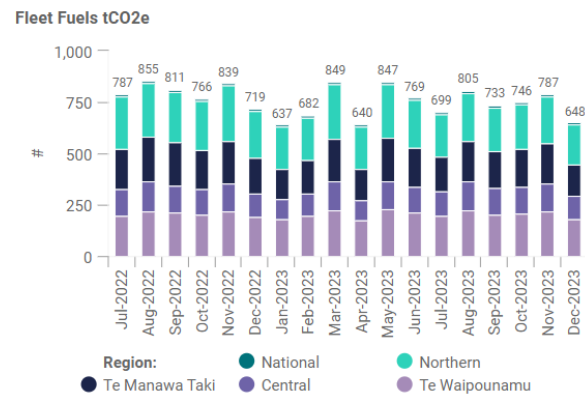
Fleet Transition

700 BEVs total **▲ 205** new this Q **14%** of fleet

TOTAL FLEET 4,865 Change this Q ▲ 203

No fleet increase, only due to inclusions of previously unrecorded vehicles

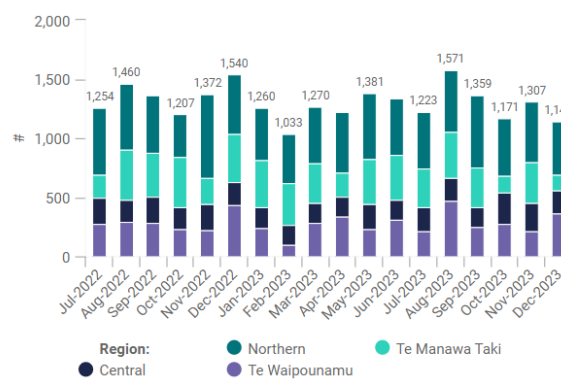
Fleet Fuels



Data displayed includes major supplier accounts

Medical Gases

Medical Gases tCO2e



NATIONAL OVERVIEW

Key objectives and progress

Environment in all Practices

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

- Environmental Sustainability Board Committee commenced
- Ongoing communications and education programme planning
- National staff intranet resource improvements including sustainable travel resources

Health System Resilience and Adaptation

Goal: To safeguard our health system by planning for and adapting to the impacts of climate change.

- See Climate Risk & Adaptation

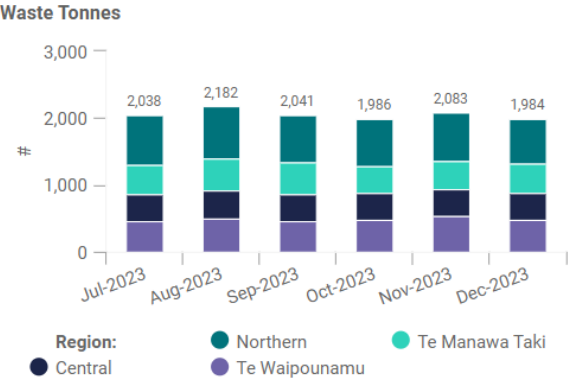
Risks and barriers

Some dependencies and risks to manage including resource availability impacting on activity/delivery progress

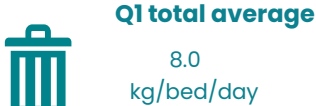
Solutions and mitigations

Ensure recruitment processes occur as quickly as practicable

Waste volumes

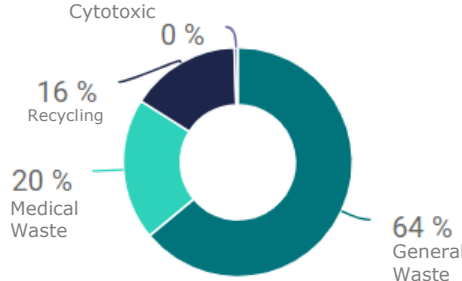


Waste per Bed Day:



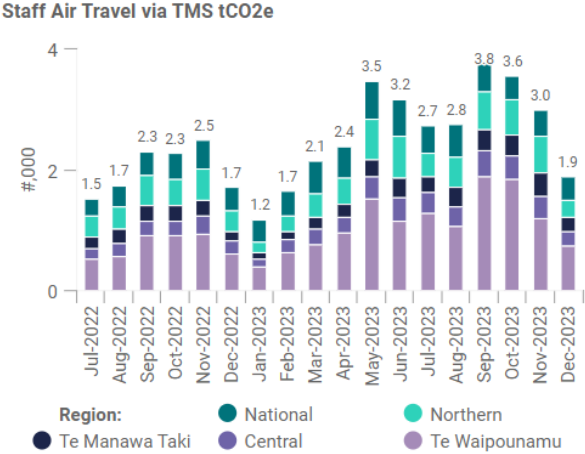
Waste type

Breakdown of Waste YTD



Waste per Bed Day in Q1			
Northern	7.2 kg	Te Manawa Taki	9.0 kg
Central	7.6 kg	Te Waipounamu	8.9 kg

Staff Air Travel



Climate Risk & Adaptation

- Health sector climate change scenario work almost complete. Te Whatu Ora represented in both Technical Working Group and Leadership Group. Output expected 1 March 2024
- Health National Adaptation Plan (HNAP) work is underway led by Ministry of Health. Te Whatu Ora providing advice
- Key infrastructure climate risk assessment completed. Risk mitigation and adaptation planning yet to commence.

Key Circular Economy projects

- Expiring stock project – RFP evaluation complete
- Return of Unused Medicines – working with procurement on collecting information on current contracts and spend
- Ethicon Single Use Device Recycling Initiative – working with supplier, recycling partner and procurement for implementation options
- Sterile Wrap Recycling Trial – trial completed. Recycling partner is evaluating reuse options for end product
- Plastics New Zealand Expanded Polystyrene Product Stewardship Scheme – evaluation of possible processing options to support the scheme
- Potential trial with Nurox – new technology for the treatment of pharmaceutical waste

Focus next quarter

- Settling in of new Head of Sustainability
- Recruiting to numerous sustainability team vacancies
- Continue work on Emissions Reduction Plan
- Continue work on Key Performance Indicators/Critical Success Factors to embed into business case and project outcome activities
- Inaugural Sustainability Advisory Panel meeting 15 February

Data displayed includes major supplier accounts



NORTHERN

REGIONAL OVERVIEW Key objectives and progress

Health System Decarbonisation

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

- Various Energy Transition Programme projects across the region including LED and boiler transition
- Laundry electrification study underway in Te Tai Tokerau

Environment in all Practices

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

- Best regional performance noted for waste per bed day
- Possible soft plastics recycling trial at Starship Hospital through collaboration with Spacebar Design and Critical

Health System Resilience and Adaptation

Goal: To safeguard our health system by planning for and adapting to the impacts of climate change.

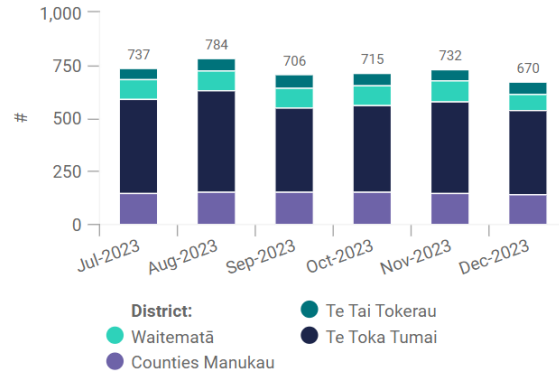
- This work programme is taking a national approach currently

Comments on data

Data improvements completed for electricity and air travel. New KPI introduced for waste per bed day, historical period comparison to be completed.

Waste

Waste Northern Tonnes



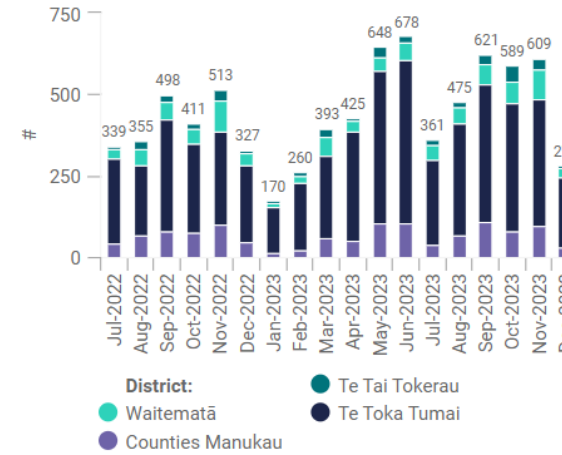
Waste per Bed Day:



Q1 period
7.2
kg/bed/day

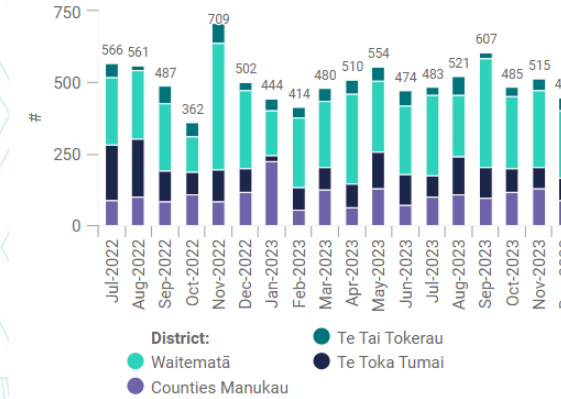
Staff Air Travel

Staff Air Travel via TMS Northern tCO2e



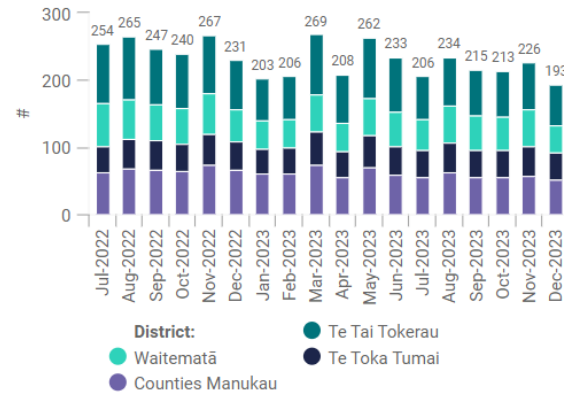
Medical Gases

Medical Gases Northern tCO2e



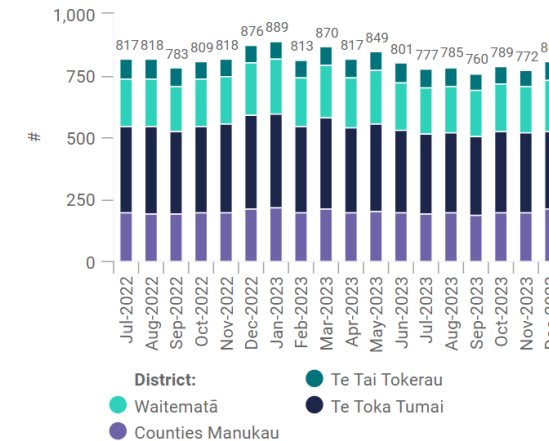
Fleet Fuels

Fleet Fuels Northern tCO2e



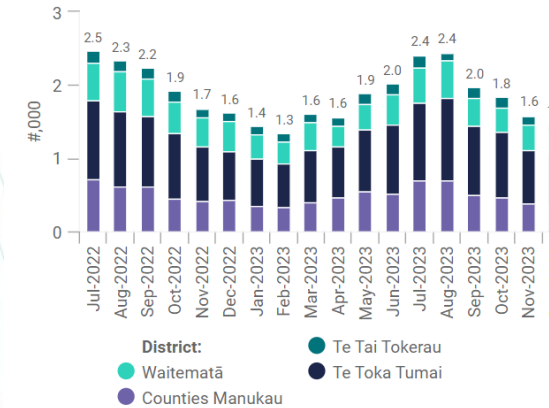
Electricity

Electricity Northern tCO2e



Natural Gas

Natural Gas - Northern tCO2e



REGIONAL OVERVIEW

Key objectives and progress

Health System Decarbonisation

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

- Various Energy Transition Programme projects across the region including LED and boiler transition

Environment in all Practices

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

- Waikato bus subsidy trial is showing good results in update of bus transport to Waikato Hospital

Health System Resilience and Adaptation

Goal: To safeguard our health system by planning for and adapting to the impacts of climate change.

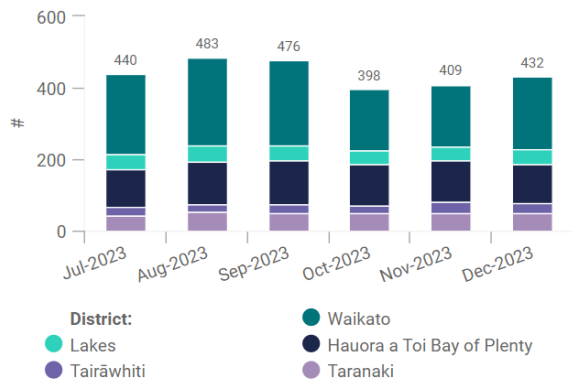
- This work programme is taking a national approach currently

Comments on data

Data improvements completed for electricity and air travel. New KPI introduced for waste per bed day, historical period comparison to be completed.

Waste

Waste Te Manawa Taki Tonnes



Waste per Bed Day:



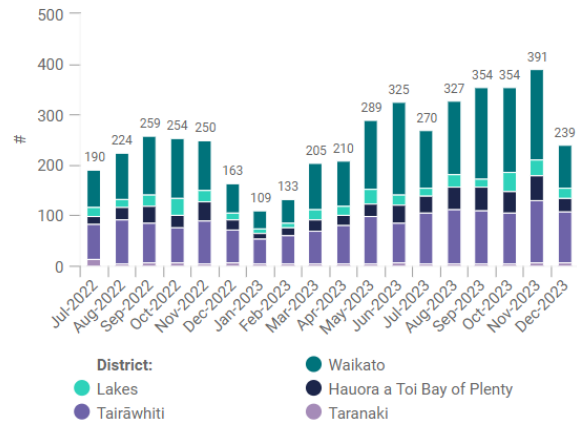
Q1 period

9.0

kg/bed/day

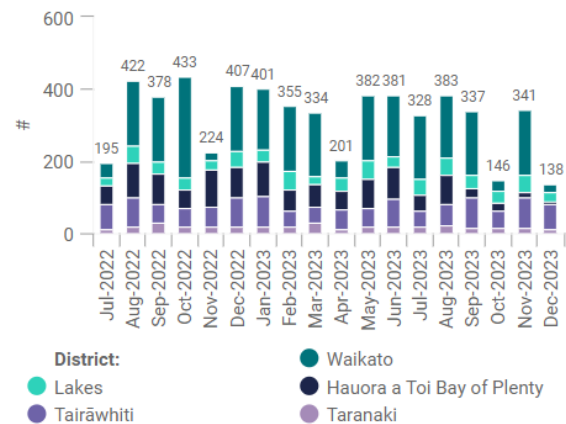
Staff Air Travel

Staff Air Travel Te Manawa Taki tCO2e



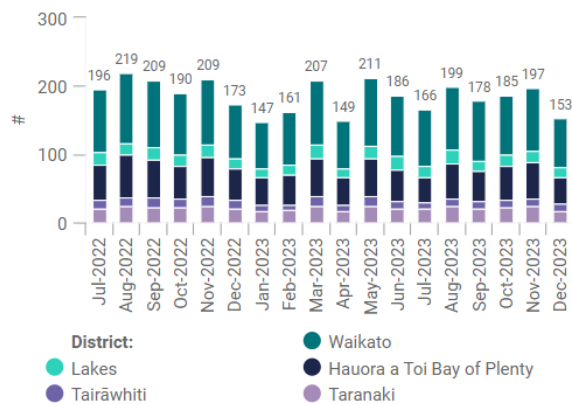
Medical Gases

Medical Gases Te Manawa Taki tCO2e



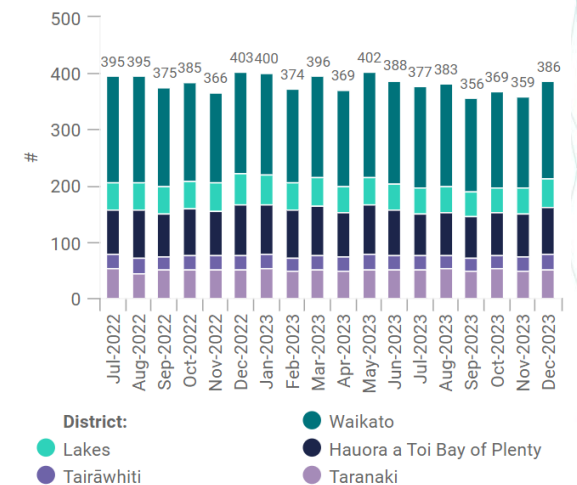
Fleet Fuels

Fleet Fuels Te Manawa Taki tCO2e



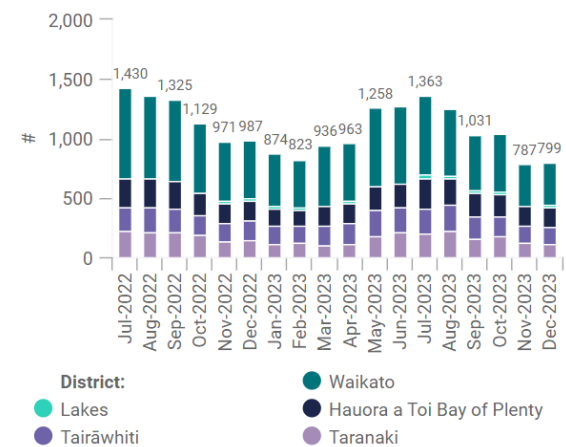
Electricity

Electricity Te Manawa Taki tCO2e



Natural Gas

Natural Gas - Te Manawa Taki tCO2e





CENTRAL

REGIONAL OVERVIEW

Key objectives and progress

Health System Decarbonisation

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

- Various Energy Transition Programme projects across the region including LED and boiler transition

Environment in all Practices

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

- A full waste audit at Palmerston North Regional Hospital conducted enhancing waste management and recycling understanding at a hospital level to inform waste minimisation and management planning.

Health System Resilience and Adaptation

Goal: To safeguard our health system by planning for and adapting to the impacts of climate change.

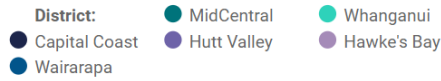
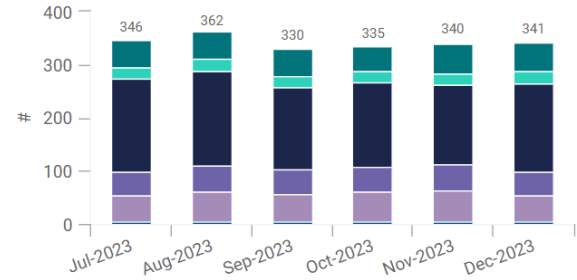
- This work programme is taking a national approach currently

Comments on data

Data improvements completed for electricity and air travel. New KPI introduced for waste per bed day, historical period comparison to be completed.

Waste

Waste Central Tonnes



Waste per Bed Day:



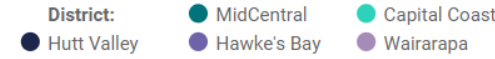
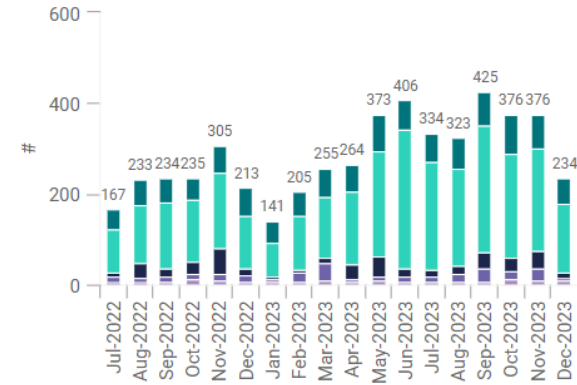
Q1 period

7.6

kg/bed/day

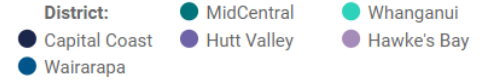
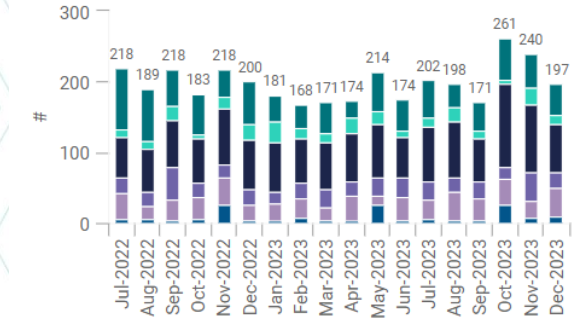
Staff Air Travel

Staff Air Travel via TMS Central tCO2e



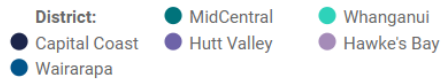
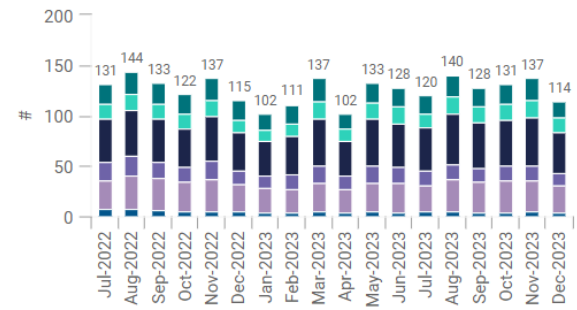
Medical Gases

Medical Gases Central tCO2e



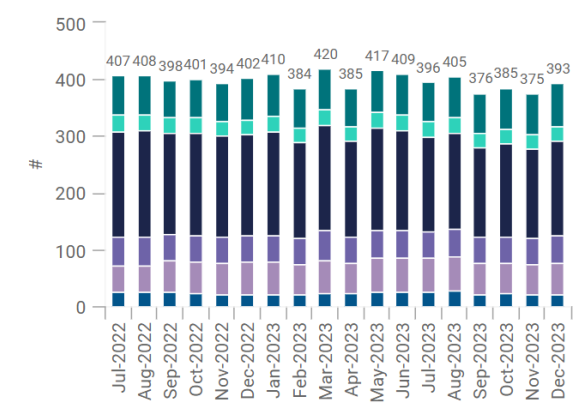
Fleet Fuels

Fleet Fuels Central tCO2e



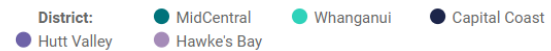
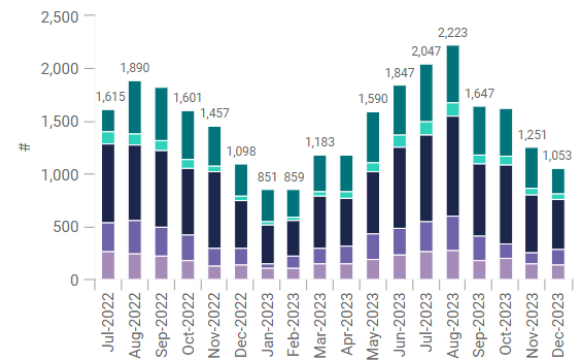
Electricity

Electricity Central tCO2e



Natural Gas

Natural Gas - Central tCO2e



Data displayed includes major supplier accounts

REGIONAL OVERVIEW

Key objectives and progress

Health System Decarbonisation

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

- Various Energy Transition Programme projects across the region including LED and boiler transition

Environment in all Practices

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

- Research undertaken and recommendations provided on mechanism to measure emissions for food provision.

Health System Resilience and Adaptation

Goal: To safeguard our health system by planning for and adapting to the impacts of climate change.

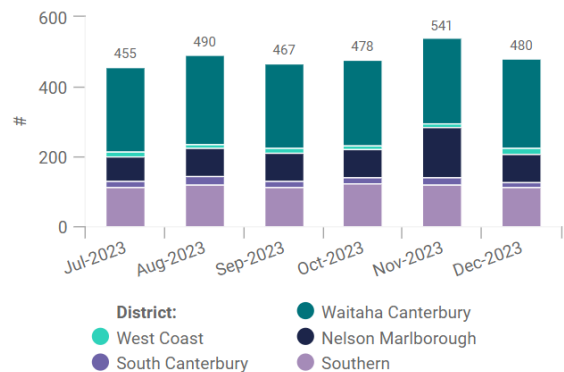
- This work programme is taking a national approach currently

Comments on data

Data improvements completed for electricity and air travel. New KPI introduced for waste per bed day, historical period comparison to be completed.

Waste

Waste Te Waipounamu Tonnes



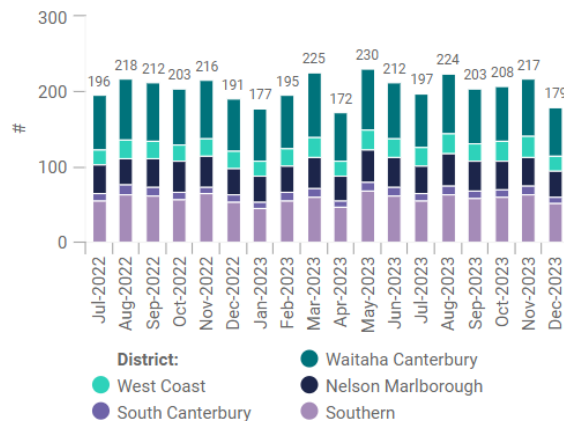
Waste per Bed Day:



Q1 period
8.9
kg/bed/day

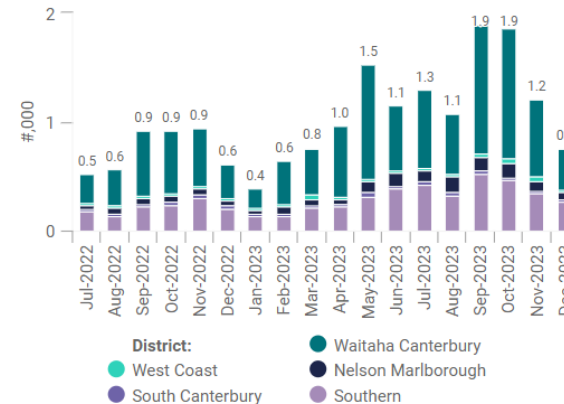
Fleet Fuels

Fleet Fuels Te Waipounamu tCO2e



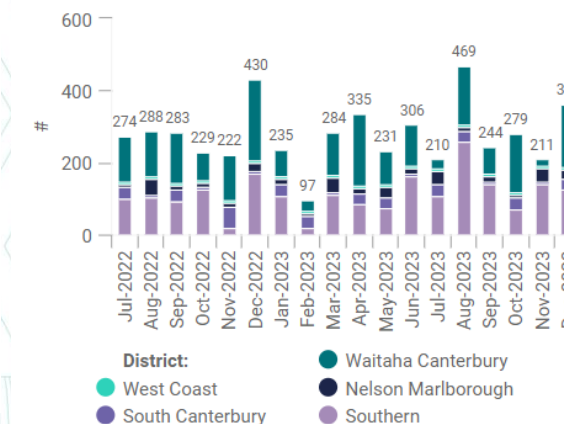
Staff Air Travel

Staff Air Travel Te Waipounamu tCO2e



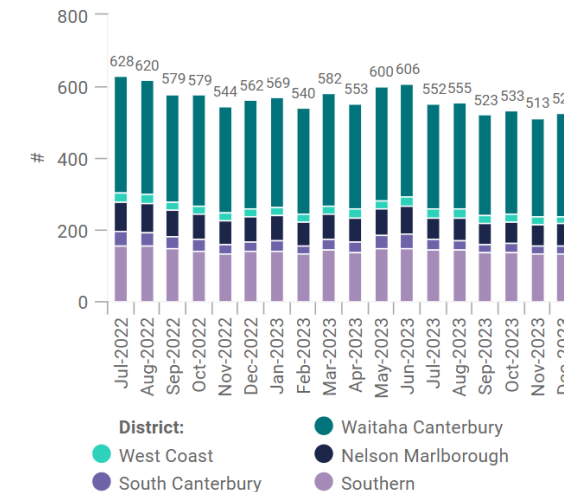
Medical Gases

Medical Gases Te Waipounamu tCO2e



Electricity

Electricity Te Waipounamu tCO2e



Coal

Coal Te Waipounamu tCO2e



Data displayed includes major supplier accounts