

Why doesn't New Zealand use modern medicines?



Rodger Tiedemann, MB.ChB PhD FRACP FRCPA

Antony and Margaret Morris Fellow in Cancer Research

Haematologist, Auckland City Hospital, Cancer and Blood Service, Te Whatu Ora

Associate Professor of Medicine, University of Auckland & University of Toronto

Affiliate Senior Scientist, Princess Margaret Cancer Centre, Toronto, Canada

Te Whatu Ora
Health New Zealand

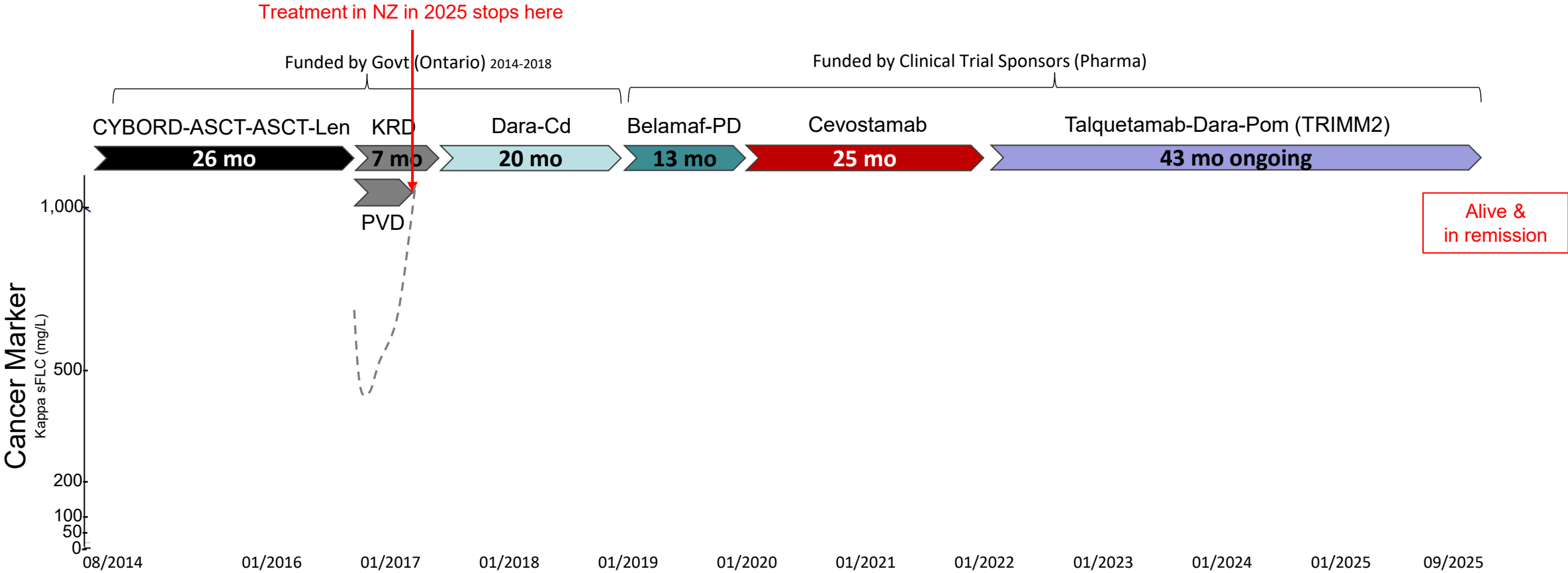


UNIVERSITY OF
AUCKLAND
Waipapa Taumata Rau
NEW ZEALAND

A Patient Story



A 46 year-old woman, diagnosed with multiple myeloma (with high-risk genetics) in Aug 2014:



The treatment gap for multiple myeloma – public funding of medicines by country

Classical standard of care medicines publicly funded, by country

	Canada (Ontario)	Australia	UK
bortezomib	≥1L	≥1L	≥1L
lenalidomide	≥1L	≥1L	≥1L
daratumumab	≥1L	≥1L in AL, ≥2L in MM PBAC has recommended including 1L TIE-MM	≥1L
pomalidomide	≥2L	≥2L	≥4L
carfilzomib	≥2L	≥2L	2L
selinexor	≥2L	≥2L	≥2L
isatuximab	≥2L CDA has recommended including 1L	-	4L ≥1L review due 16/7/25

Emerging standard of care – Approved modern immune therapies, under funding review, recommended for funding, or now funded,

Teclistamab	CADTH recommended funding in ≥4L. Compassionate program.	TGA provisionally approved; funding review not yet complete	≥4L
Elranatamab	CADTH recommended funding in ≥4L. Compassionate program.	PBAC recommended funding for ≥4L (03/25)	≥4L
Talquetamab	Not for reimbursement (additional data required)	TGA provisionally approved; funding review not yet complete	NICE review due 15 Oct 2025
Ciltacabtagene autoleucel (BCMA CAR-T)	CDA recommended funding in 2-4L	MSAC recommended funding for ≥5L (11/24)	NICE application paused by J+J
Belantamab mafodotin	CDA recommendation expected 7-10/2025	TGA review in progress. Funding review not yet complete.	≥2L

Abbreviations
1L = 1st line
2L, 3L, 4L = 2nd, 3rd or 4th line
TIE = transplant ineligible
SCT = stem cell transplant
MM = multiple myeloma
CADTH = Canadian Agency for Drugs and Technologies in Health
TGA = Therapeutic Goods Administration
MSAC = Medical Services Advisory Committee
NICE = National Institute for Health and Care Excellence

Notes
Websites reviewed 2025-05-20
Ontario Funding:

<https://www.ontario.ca/files/2025-01/moh-frequently-requested-drugs.pdf>
www.cancercareontario.ca/en/drugformulary/drugs
www.ontario.ca/page/exceptional-access-program
www.ontario.ca/check-medication-coverage/
www.cadth.ca
www.pbs.gov.au
www.england.nhs.uk
www.nice.org.uk/

Australian Funding:
UK Funding:

Funded
Planned funding
Under review
Not Funded +/- not reviewed

The treatment gap in NZ today

The treatment gap is increasing

The blood cancer medicine gap – NZ vs. Australia – 24 medicines / 42 indications

Blood cancer type	Total	ESMO-MCBS:H score	Medicine name	Used in combination with	Cancer type	Indication per PBS	Formulation	Medicine funded in NZ for other indications	Current Pharmac status (Oct 2024)*	Noted as a gap in 2022
		A	Midostaurin	Anthracycline and cytarabine chemotherapy (both already funded in Aotearoa New Zealand)	Acute myeloid leukaemia (AML)	Newly diagnosed patients with an internal tandem duplication (ITD) or tyrosine kinase domain (TKD) FMS-like tyrosine kinase 3 (FLT3) mutation	Oral capsule	No	Funded from 1 July 2024	Yes
		A	Blinatumomab for ALL		Precursor B-cell acute lymphoblastic leukaemia (pre-B-cell ALL)	Complete haematological remission with measurable residual disease (MRD)	Continuous intravenous infusion	No	Seeking clinical advice	Yes
Leukaemia		5	Azacitidine*	Venetoclax*	Acute myeloid leukaemia (AML)	Patients who are unfit for intensive chemotherapy	Subcutaneous injection or intravenous infusion	Yes	OFI list	No
Acute lymphoblastic leukaemia	4	5	Blinatumomab	Monotherapy	Precursor B-cell acute lymphoblastic leukaemia (pre-B-cell ALL)	Patients with relapsed or refractory disease	Continuous intravenous infusion	No	No application	Yes
Acute myeloid leukaemia	6	5	Venetoclax*	Azacitidine*	Acute myeloid leukaemia (AML)	Patients who are unfit for intensive chemotherapy	Oral tablet	Yes	OFI list	No
Chronic lymphoblastic leukaemia	7	4	Acalabrutinib, ibrutinib or zanubrutinib*	Monotherapy	Mantle cell lymphoma (MCL)	Relapsed or refractory to at least one prior therapy	Oral capsule/ tablet	Yes	Acalabrutinib – no application Ibrutinib – OFI list Zanubrutinib – OFI list	Yes
Chronic myeloid leukaemia	3	4	Asciniminib	Monotherapy	Chronic myeloid leukaemia (CML)	Philadelphia chromosome positive or with transcript BCR-ABL1 tyrosine kinase mutation positive without T315I mutation in chronic phase previously treated with two or more tyrosine kinase inhibitors	Oral tablet	No	Seeking clinical advice	No
Lymphoma		4	Gilteritinib	Monotherapy	Acute myeloid leukaemia (AML)	Relapsed or refractory with FLT3 ITD or TKD mutation	Oral tablet	No	No application	No
Hodgkin’s Lymphoma	1	4	Idelalisib	Rituximab for 8 doses followed by monotherapy (already funded in Aotearoa New Zealand)	Chronic lymphocytic leukaemia (CLL) or small lymphocytic lymphoma (SLL)	Relapsed or refractory to at least one prior therapy, CD20-positive	Oral tablet	No	No application	Yes
Non-Hodgkin’s lymphoma	5	4	Inotuzumab ozogamicin	Monotherapy	Precursor B-cell acute lymphoblastic leukaemia (pre-B-cell ALL)	Relapsed or refractory B-precursor cell, CD22-positive	Intravenous infusion	No	OFI list	Yes
Lymphoma B-cell	1	4	Lenalidomide	Dexamethasone with or without bortezomib	Multiple myeloma (MM)	Newly diagnosed	Oral capsule/ tablet	Yes	Funded from 1 August 2024	Yes
Lymphoma T-cell	4	4	Pomalidomide	Dexamethasone (already funded in Aotearoa New Zealand)	Multiple myeloma (MM)	Relapsed or refractory third-line treatment	Oral capsule	No	Funded from 1 August 2024	Yes
Myeloma		4								
Multiple myeloma	7									
Other										
Other†	4									
Total										
Total	42									

Note: a score of A or B indicates curative, a score of 5 or 4 indicates substantial clinical benefit but not curative.
* Represents a regimen-indication pair – where more than one medicine is taken as part of the same treatment, and both would need to be funded to close the gap.
† Status as of May 2024. The status of medicine applications at Pharmac is constantly being progressed and updated. Please refer to Pharmac's Application Tracker (connect.pharmac.govt.nz/apptracker) for up-to-date information on a medicine application.
‡ Medicines that are part of the Bruton's tyrosine kinase (BTK) inhibitors medicine class – only one medicine from the medicine classes would need to be funded to close the

ESMO-MCBS-H score	Medicine name	Used in combination with	Cancer type	Indication per PBS	Formulation	Medicine funded in NZ for other indications	Current Pharmac status (October 2024)*	Noted as a gap in 2022
3	Acalabrutinib, ibrutinib or zanubrutinib*	Monotherapy	Chronic lymphocytic leukaemia (CLL) or small lymphocytic lymphoma (SLL)	Relapsed or refractory, second line, prior therapy, TP53 wildtype.	Oral capsule/ tablet	No	Acalabrutinib – Under-assessment Ibrutinib – Under assessment Zanubrutinib – Under assessment	Yes
BTKi (ibutinib/acalabrutinib/Zanubrutinib) for CLL								
3	Acalabrutinib*	Obinutuzumab*	Chronic lymphocytic leukaemia (CLL) or small lymphocytic lymphoma (SLL)	Untreated patients or those who have developed an intolerance resulting in withdrawal from another first-line agent	Oral capsule/ tablet	No	No application	No
3	Carfilzomib	Dexamethasone with or without lenalidomide	Multiple myeloma (MM)	Progressive disease after at least one prior therapy (once or twice weekly)	Intravenous infusion	No	OFI list	Yes
3	Daratumumab*	Bortezomib and lenalidomide*	Multiple myeloma (MM)	Progressive disease after only one prior therapy	Intravenous infusion/ subcutaneous injection	No	OFI list	Yes
3	Idelalisib	Monotherapy	Follicular B-cell non-Hodgkin's lymphoma	Refractory to rituximab and an alkylating agent within 6 months after completion of the treatment	Oral tablet	No	No application	Yes
3	Lenalidomide	Monotherapy	Myelodysplastic syndrome	Low risk or intermediate-1 with del(5q), and red blood cell transfusion dependent	Oral capsule/ tablet	Yes	Funded from 1 August 2024	Yes
3	Obinutuzumab*	Acalabrutinib*	Chronic lymphocytic leukaemia (CLL) or small lymphocytic lymphoma (SLL)	Untreated patients or those who have developed an intolerance resulting in withdrawal from another first-line agent	Intravenous infusion	Yes	No application	No
3	Obinutuzumab*	Venetoclax*	Chronic lymphocytic lymphoma (SLL)	Previously untreated	Intravenous infusion	Yes	Under assessment	Yes
3	Pembrolizumab	Monotherapy	Hodgkin's lymphoma	Relapsed or refractory Hodgkin's lymphoma after autologous haematopoietic stem cell transplant, and if transplant ineligible, has relapsed after 2 prior treatments	Intravenous infusion	Yes	Funded from 1 October 2024	Yes
3	Pembrolizumab	Monotherapy	Primary mediastinal B-cell lymphoma	Relapsed or refractory after autologous stem cell transplant, or after 2 prior treatments and if transplant ineligible has relapsed after 1 prior treatment. Patient must have been treated with rituximab	Intravenous infusion	Yes	No application	Yes
3	Ponatinib	Monotherapy	Chronic myeloid leukaemia (CML)	At least two prior tyrosine kinase inhibitors have failed or have not been tolerated with a severity necessitating permanent treatment withdrawal	Oral tablet	No	No application	Yes
3	Pralatrexate	Not specified	Peripheral T-cell lymphoma	Relapsed or chemotherapy-refractory after appropriate prior first-line curative intent chemotherapy	Intravenous bolus	No	No application	Yes
3	Venetoclax*	Obinutuzumab*	Chronic lymphocytic leukaemia (CLL) or small lymphocytic lymphoma (SLL)	Previously untreated disease	Oral tablet	Yes	Under assessment	Yes
2	Brentuximab vedotin	Cyclophosphamide, doxorubicin and prednisone	Peripheral T-cell lymphoma, non-cutaneous	First-line treatment with curative intent, CD30-positive	Intravenous infusion	Yes	Under assessment for anaplastic large cell lymphoma only	Yes
2	Daratumumab	Cyclophosphamide, Systemic light chain	Systemic light chain	Newly diagnosed	Intravenous infusion/ subcutaneous injection	No	OFI list	No
Daratumumab for AL amyloidosis								
2	Pomalidomide	Dexamethasone and bortezomib	Multiple myeloma (MM)	Progressive disease after at least one prior therapy (that is either lenalidomide monotherapy or contains lenalidomide) and patient has undergone or is ineligible for an autologous haematopoietic stem cell transplant	Oral capsule	No	Funded from 1 August 2024	No

ESMO-MCBS-H score	Medicine name	Used in combination with	Cancer type	Indication per PBS
2	Ponatinib	Monotherapy	Acute lymphoblastic leukaemia (ALL)	Severe Philadelphia chromosome positive
2	Selinexor	Triplet with dexamethasone and bortezomib. Doublet with dexamethasone	Multiple myeloma (MM)	Progressive disease after at least one prior therapy
1	Brentuximab vedotin	Monotherapy	T-cell lymphoma, cutaneous	Refractory to first-line therapy
1	Vorinostat	Monotherapy	T-cell lymphoma, cutaneous	Refractory to first-line therapy
1	Acalabrutinib or zanubrutinib*	Monotherapy	Chronic lymphocytic leukaemia (CLL) or small lymphocytic lymphoma (SLL)	Previously untreated
NEB	Bendamustine*	Obinutuzumab* or rituximab	Follicular lymphoma stage II bulky or stage III/IV	Ineligible for transplant
NEB	Obinutuzumab	Bendamustine*	Follicular lymphoma stage II bulky or stage III/IV	Ineligible for transplant
Not scorable	Asciniminib	Monotherapy	Chronic myeloid leukaemia (CML)	Previously untreated
Not scorable	Azacitidine	Monotherapy	Acute myeloid leukaemia (AML)	Ineligible for transplant
Not scorable	Decitabine with cedazuridine	Not specified	Acute myeloid leukaemia (AML)	Waldenström macroglobulinaemia
Not scorable	Decitabine with cedazuridine	Not specified	Chronic myelomonocytic leukaemia (CMML)	Waldenström macroglobulinaemia
Not scorable	Decitabine with cedazuridine	Not specified	Myelodysplastic syndrome	Waldenström macroglobulinaemia
Not scorable	Zanubrutinib	Monotherapy	Waldenström macroglobulinaemia	Waldenström macroglobulinaemia

42 blood cancer medicine-indication pairs



24 individual blood cancer medicines were funded in Australia but not in Aotearoa New Zealand

Consensus amongst NZ Haematologists that blood cancer medicine access requires urgent Govt. action

Tuesday, 4 March 2025

Rt Hon Christopher Luxon
Prime Minister

Hon Nicola Willis
Minister of Finance

Hon Simeon Brown
Minister of Health

Hon David Seymour
Associate Minister of Health (Pharmac)

Hon Winston Peters
Deputy Prime Minister

Dear Prime Minister, Ministers of Health, Minister of Finance, and Coalition Party Leaders

Re: Urgent Action Needed to Deliver on Medicine Access for Blood Cancer Patients

New Zealand haematologists and members of the blood cancer support community have ongoing serious concern about the treatment of New Zealanders living with blood cancer. The failure of this Government to provide access to modern medicines for these patients is wrecking lives and families, as Kiwis with blood cancer are left to deteriorate or die whilst waiting for treatments that are readily available in similar and often poorer nations.

The Facts

New Zealand’s access to medicines has fallen far behind that of comparable nations. The consequences are especially borne by blood cancer patients, who typically have no viable surgical or prevention options, and whose treatment is entirely reliant on modern medicines.

In a previous letter (6 June 2024), we called on the Government to honour its commitment to improve medicine access for blood cancer patients, whom it vowed “would not be forgotten”. Although some progress has since been made, it has been insufficient to address the scale of the medicine problem.

Of the estimated 21,000 New Zealanders living with a blood cancer, fewer than 1% (180 patients) stand to benefit from Pharmac’s 2024 budget uplift. They include:

- 20 Hodgkin lymphoma patients (pembrolizumab)
- 5 chronic lymphocytic leukaemia patients (bendamustine)
- 5 acute lymphoblastic leukaemia patients (inotuzumab)
- 140 acute myeloid leukaemia patients (venetoclax with azacitidine).

While these steps are acknowledged, they fall far short of what is needed. As a result, New Zealanders living with blood cancer continue to endure unnecessary suffering due to delays in the funding of life-saving medicines.

Lost

percentage of GDP— budget adjustments lling patients. This is out also contributing search of adequate

failed to implement le medicines at the anders hear rhetoric the treatments they

an underinvestment idicines comprise a constraints on their undermining patient

ment in its slowness the endless wait for

inically proven, and matic, and not only ery of advantageous ial inaccessibility. It that one or more of il medicines by the

iget, is often left to vential to save and the blood cancer it gains, but where

ew Zealanders with e medicines. These ‘sal access to BTK cute lymphoblastic nations in failing to

bjected to chronic tion and population s. This has left Kiwis itise cost-cutting. A

critical component of the health system is failing. This must change and it is up to the Government to effect this.

We urge the Government to take decisive steps to:

1. **Right-size the medicines budget:** Increase New Zealand’s investment in medicines; and commit to a 5-year plan to align our medicines access with OECD standards. Ensure that Kiwis receive timely access to critical new medicines – starting with those waiting on the ‘Options for Investment’ list.
2. **Refresh Pharmac’s objectives:** Implement best practice decision-making that prioritises patient needs and outcomes, starting with a refresh of Pharmac’s statutory mandate. Require Pharmac to provide Government with key metrics including annual benchmarking of New Zealand’s medicines access against international comparators.

Improving healthcare is an accomplishment that all New Zealanders could unite behind. We appreciate your stated aspiration to delivering better cancer treatments for New Zealanders and look forward to your response and/or to meeting with you to discuss this further.

Ngā mihi nui,

On behalf of the following haematologists and blood cancer patient advocacy organisations:

Assoc. Professor Rodger Tiedemann
MBChB PhD FRACP FRCPA
Associate Professor of Medicine,
A & M Morris Fellow in Cancer Research
Consultant Haematologist
University of Auckland
Auckland Hospital

Rodger Tiedemann

Tim Edmonds
Chief Executive Officer
Leukaemia & Blood Cancer New Zealand

Tim Edmonds

Professor Peter Browett FRACP FRCPA
Professor of Pathology
Consultant Haematologist
Leukaemia & Blood Cancer Research Unit
University of Auckland
Auckland Hospital

Dr. Ruth Spearing
CNZM, FRACP, FRCPA
Honorary Senior Clinical Lecturer,
University of Otago
Co-Chair, ALLG Medicines Advisory
Committee NZ

Catherine Isaac
Trustee
CLL Advocates NZ

Nichola Oakenfull
Trustee
Myeloma New Zealand

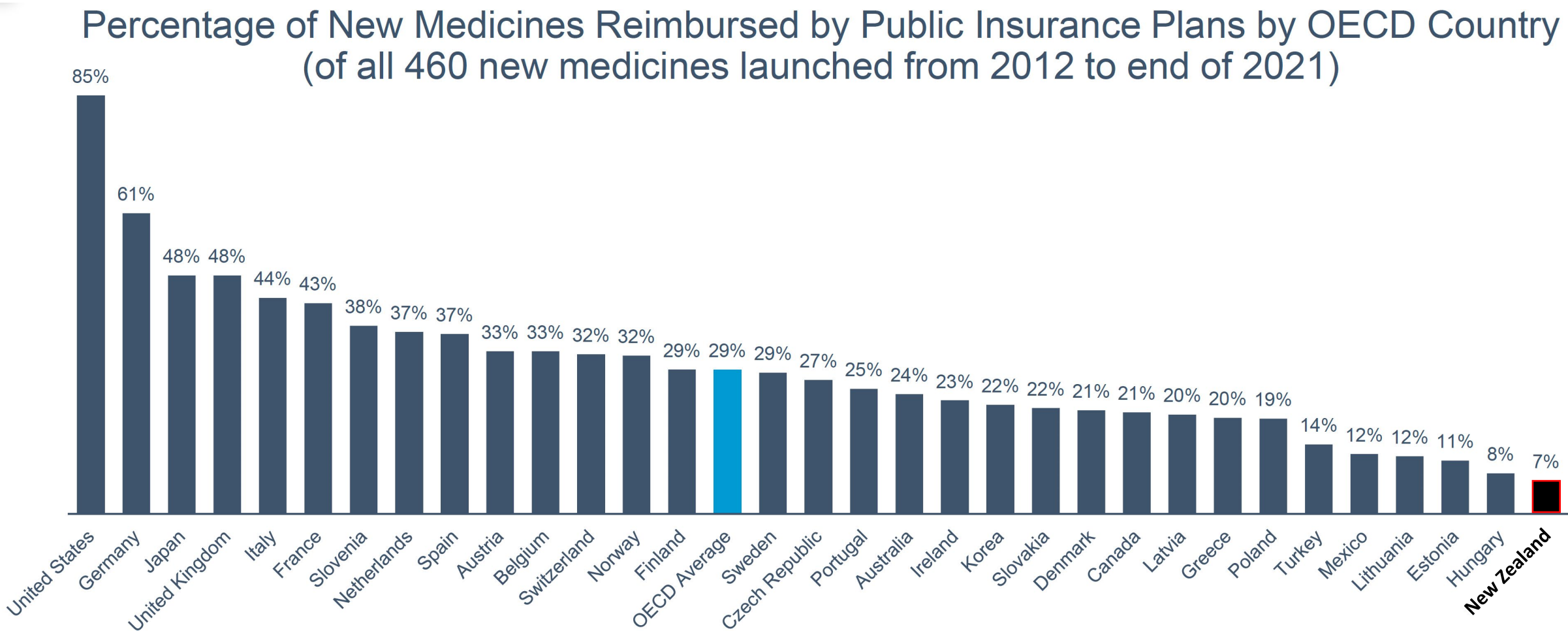
Barbara Horne
Trustee
Myeloma New Zealand



Endorsed by:
Haematology Society of Australia and New Zealand

On behalf on HSANZ:

On average OECD countries fund 29% of new medicines. NZ reimburses 7%.



PhRMA. (2023, April). Global access to new medicines report. PhRMA. <https://phrma.org/-/media/Project/PhRMA/PhRMA-Org/PhRMARefresh/Report-PDFs/A-C/2023-04-06-PhRMAGlobal-Access-to-New-Medicines-Report-FINAL.pdf>

Source: PhRMA analysis of IQVIA MIDAS® and country regulatory data. October 2022. Note: New medicines refer to new active substances approved by FDA, EMA and/or PMDA and first launched in any country between January 1, 2012, and December 31, 2021. Data exclude: Chile, Colombia, Costa Rica, Iceland, Israel, and Luxembourg. A medicine is considered publicly reimbursed in Canada if 50 percent or more of the population lives in a province where it is publicly reimbursed. In several markets, patient access barriers remain when public reimbursement of medicines is restricted to only some of the approved indications and uses, or when other cost-containment pressures in the health care system limit uptake.



NEW
ZEALAND

South
Island

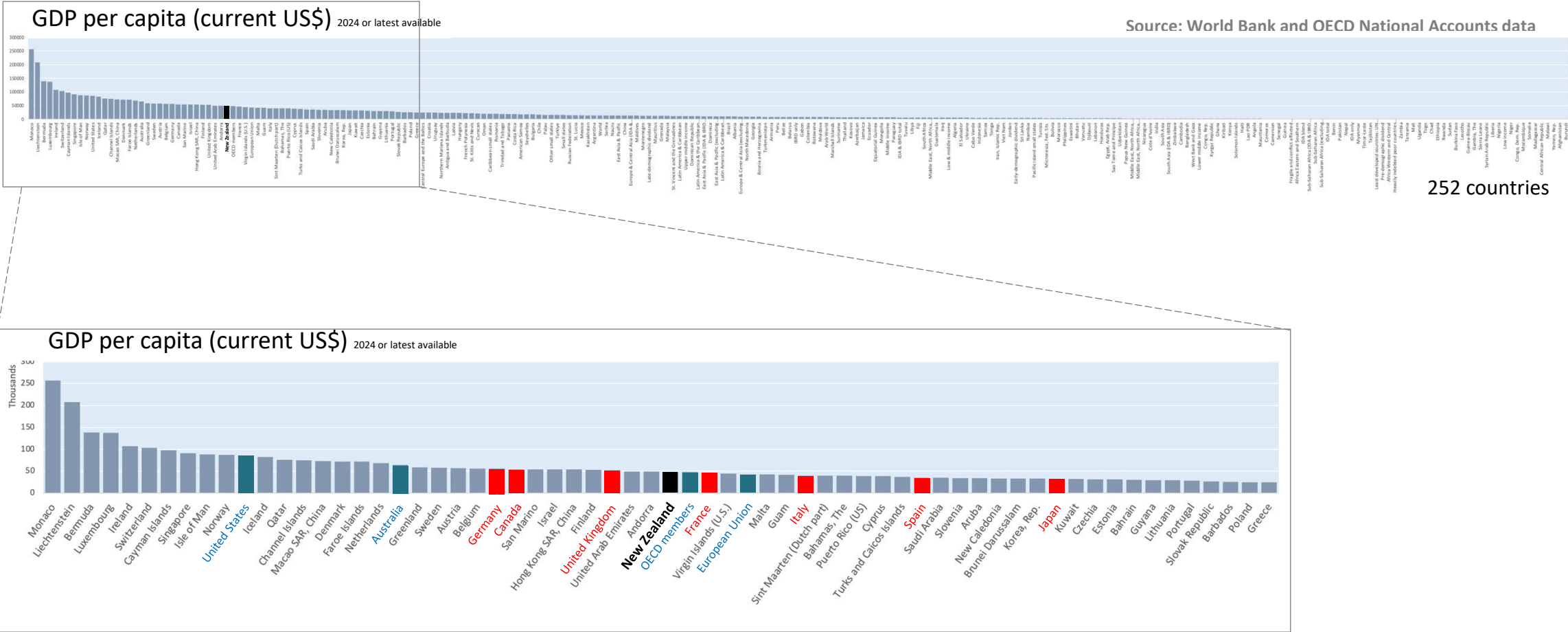
Why don't Kiwis deserve modern medicines?



Fallacy:

NZ is too poor to afford modern medicines

National income (World Bank): GDP per person (current \$US) -2024 or latest available

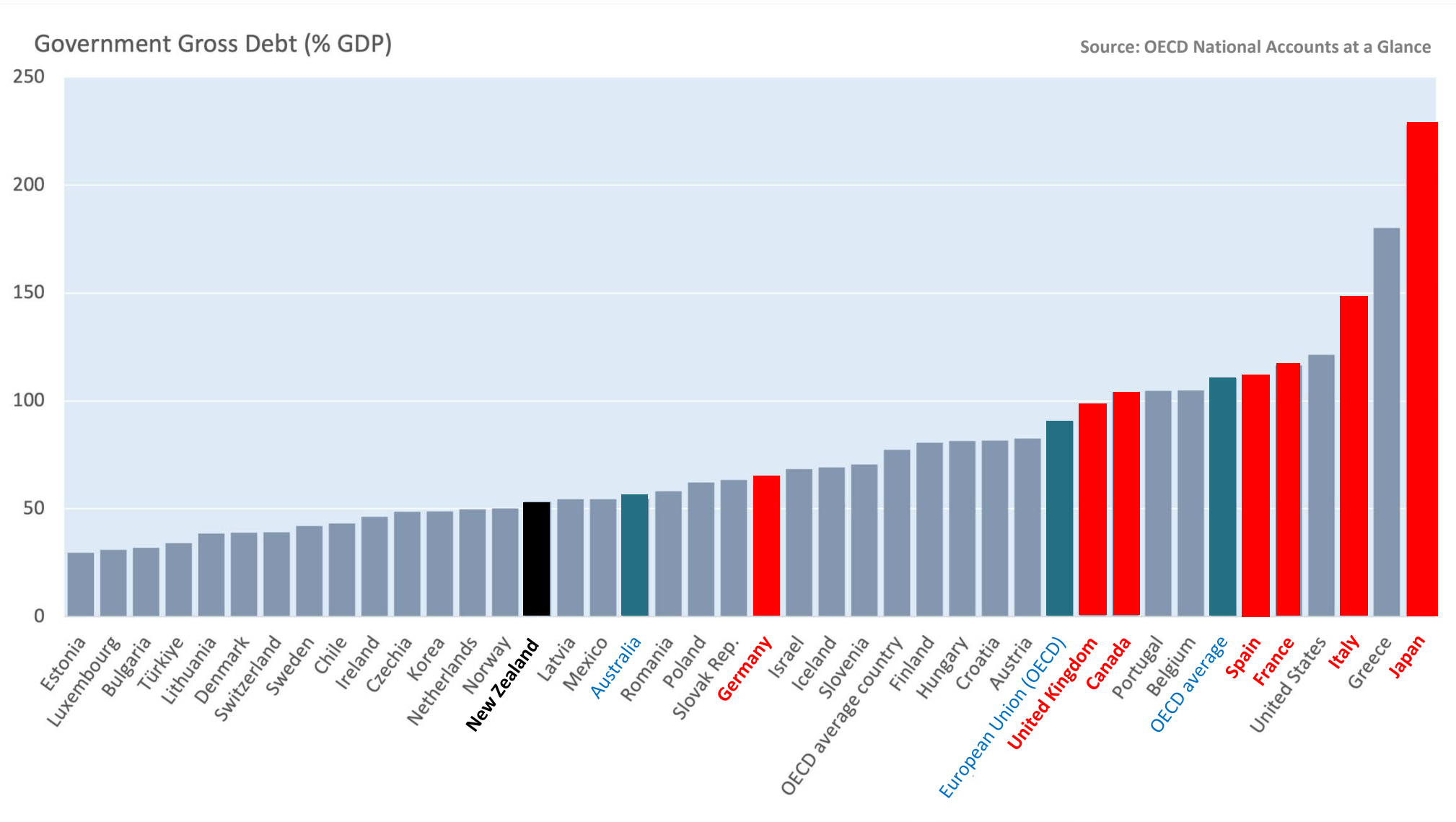




Fallacy:

New Zealand has too much debt

General Government Debt -Total as % of GDP, OECD nations, 2023 (OECD)

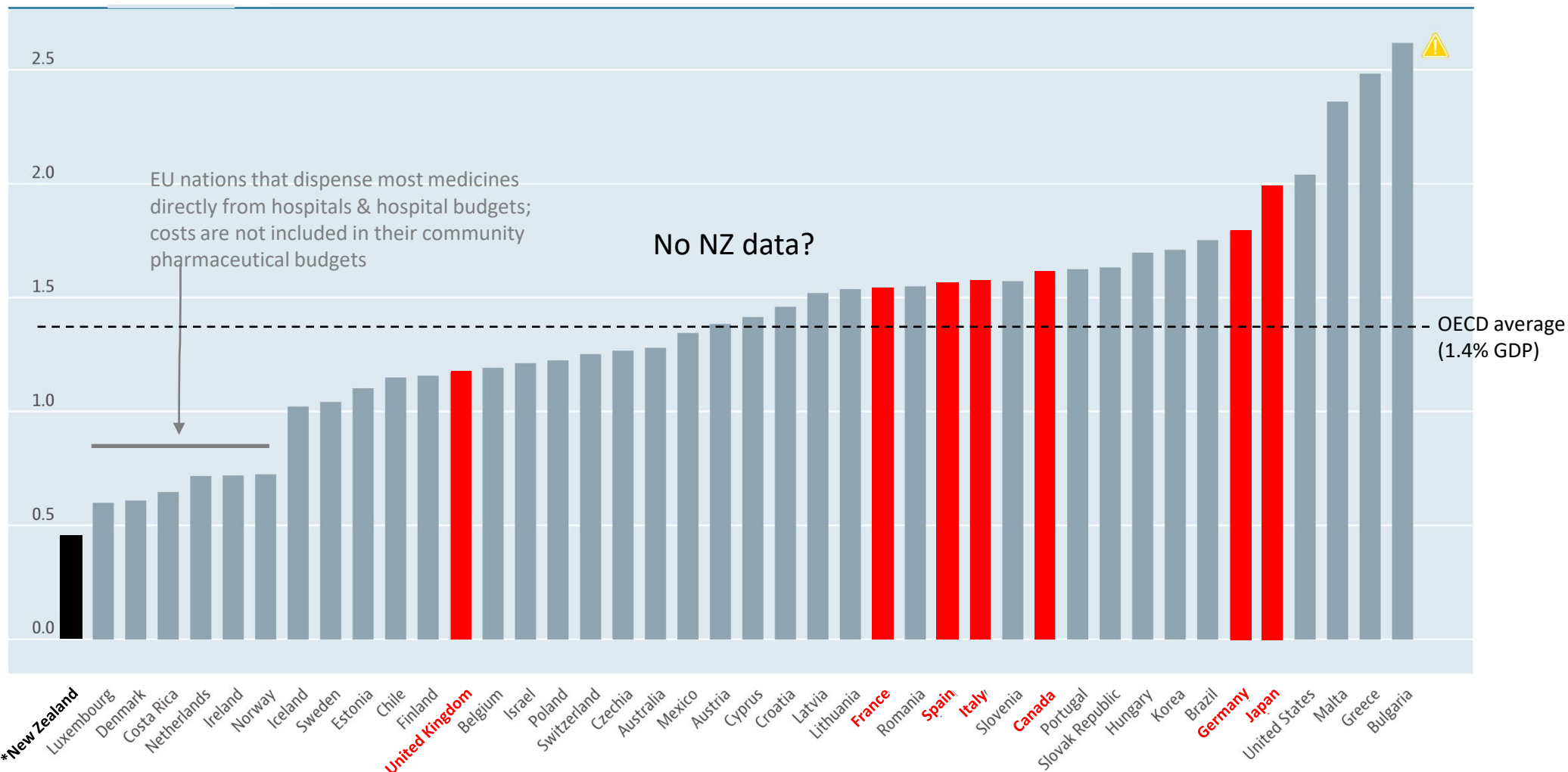


Community Pharmaceutical spending - Total as % GDP, OECD nations, 2022 or latest available

- spending on prescription medicines in the community; and self-medication (OTC).
- Pharmaceuticals consumed in hospitals and other health care settings are excluded.

Spending as % of GDP

Source: OECD data, Health expenditure and financing: Health expenditure indicators



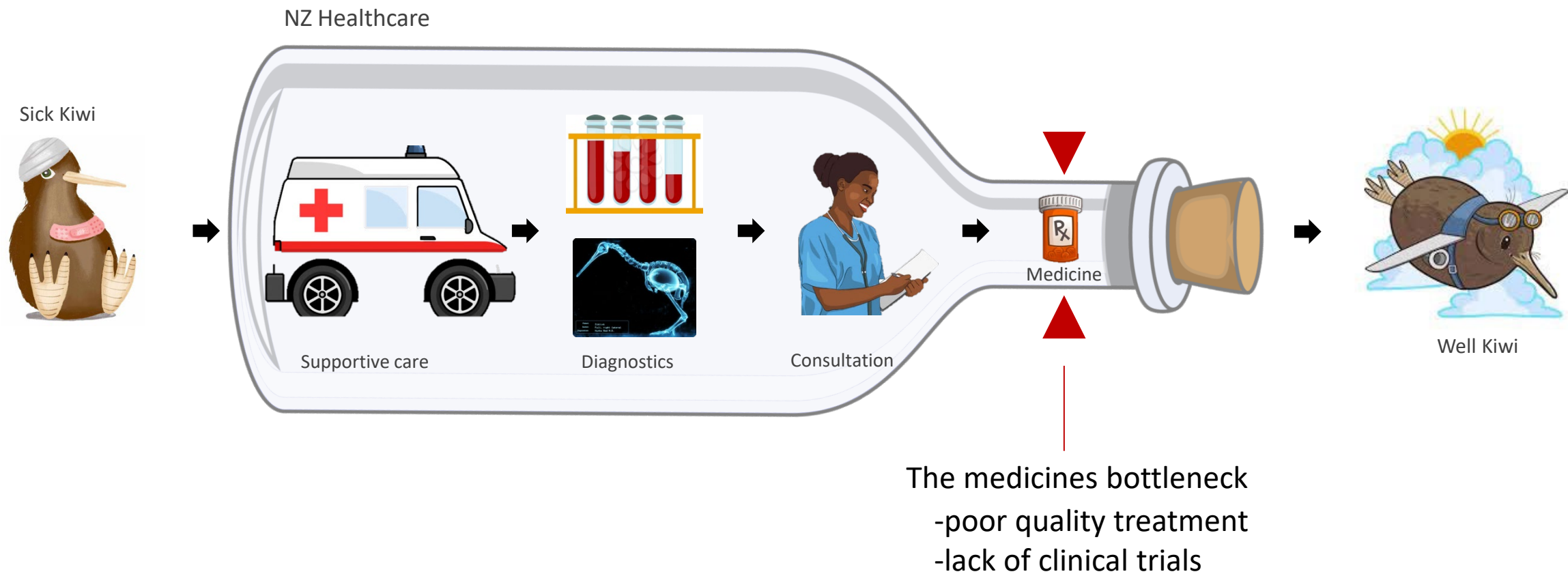
*after Pharmac
budget uplift in
2025

<https://data.oecd.org/healthres/pharmaceutical-spending.htm>

New Zealand Institute of Economic Research, Community Pharmaceuticals – Expenditure Trends, <https://www.nzier.org.nz/>
<https://www.insights10.com/report/new-zealand-over-the-counter-otc-pharmaceuticals-market-analysis/>

The consequences

Underspending on medicines causes a bottleneck in NZ medical care



With thanks to the brave New Zealanders who have stood up to tell their story

1

NZ urgently needs a 5-year plan to align our medicines access with the OECD average

NZ needs to match the OECD average in medicines access, not in spending.

2

All medicines waiting on the OFI list should be funded.

After doing this (at a cost of \$500M pa) NZ's entire Community Pharmaceutical Budget (CPB) would still be only 0.57% GDP (vs an average of ~1.4% GDP spent by other OECD nations).