



93402R



Mana Tohu Mātauranga o Aotearoa
New Zealand Qualifications Authority

Scholarship 2024 Economics

RESOURCE BOOKLET

Refer to this booklet to answer the questions for Scholarship Economics.

Check that this booklet has pages 2–11 in the correct order and that none of these pages is blank.

YOU MAY KEEP THIS BOOKLET AT THE END OF THE EXAMINATION.

ALLOCATIVE EFFICIENCY IN THE NEW ZEALAND MARKET FOR EGGS

RESOURCE A: Market structures

The four main market structures are:

- perfect competition
- monopolistic competition
- oligopoly
- monopoly.

RESOURCE B: Available egg options

An example of egg options available at a supermarket on 27 March 2024.

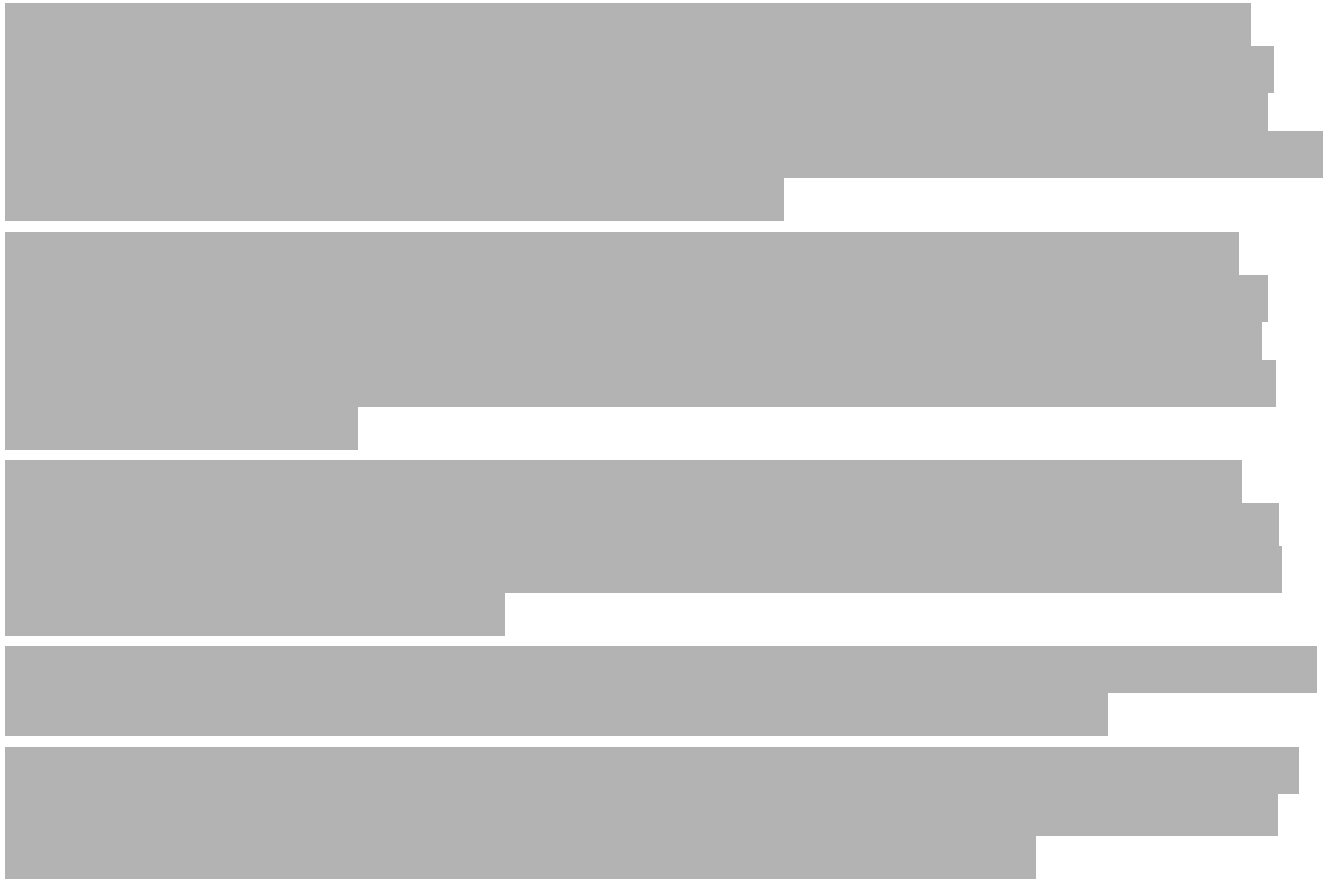
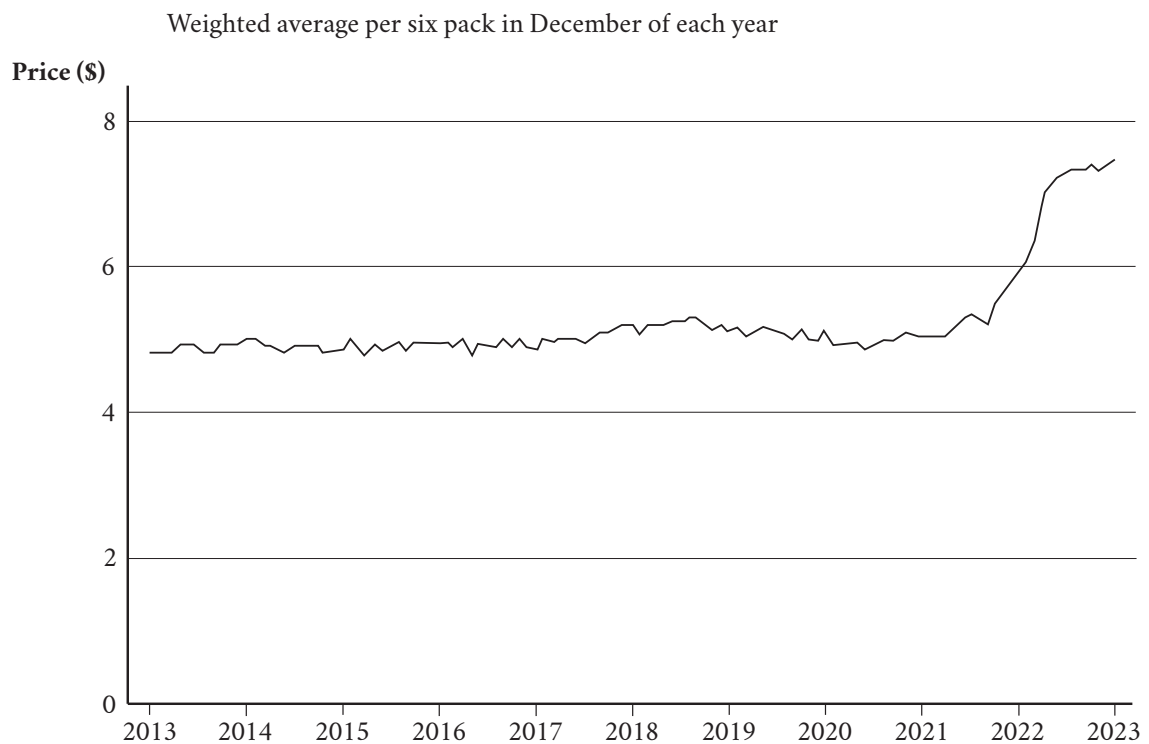


RESOURCE C: Retail sales of fresh eggs in New Zealand



RESOURCE D: High demand for eggs



RESOURCE E: Egg shortage: Free range egg farmers dealing with huge demand**RESOURCE F: Retail price of fresh eggs in New Zealand**

COST OF LIVING CRISIS AND THE CONSUMERS PRICE INDEX

RESOURCE G: Cost of living crisis



RESOURCE H: Cost of living for average household increasing faster than inflation



RESOURCE H (continued):**RESOURCE I: Annual wage cost inflation 4.3%**

Annual wage cost inflation measured by the labour cost index (LCI) increased to 4.3% in the year to the March 2023 quarter, according to figures released by Stats NZ in May 2023.

RESOURCE J: New Zealand voters search for relief from 'shocking' living costs

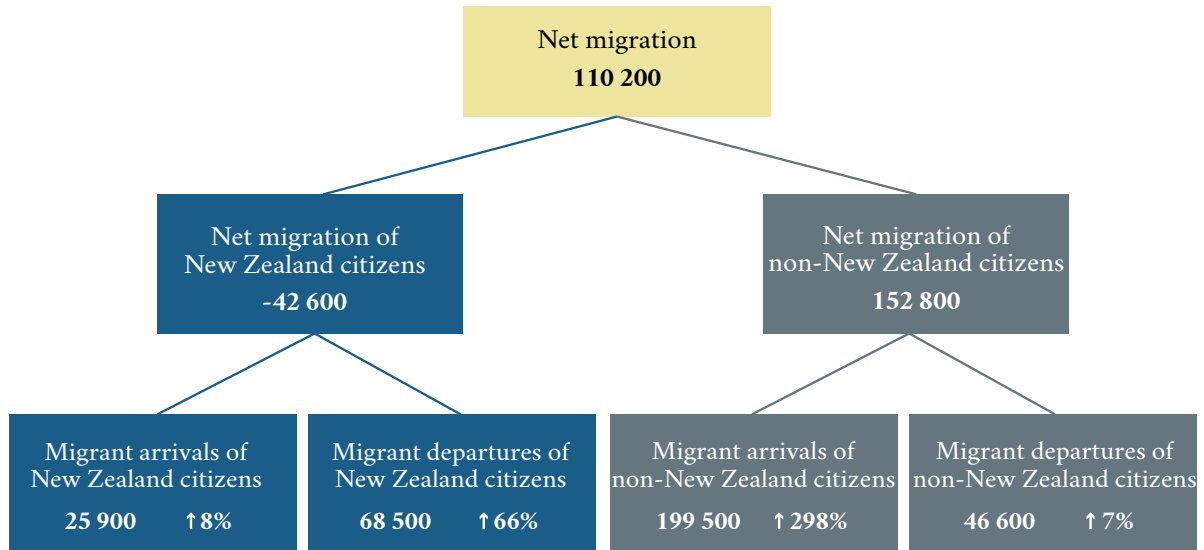
RESOURCE K: Income tax rates for individuals as at January 2024**RESOURCE L: Cost of living policies as at January 2024**

- Cost of living payment: \$350 cost of living payment in 2022 for each worker earning less than \$70 000 (estimated to be over 1.3 million workers).
- Increase in the minimum wage from \$21.20 to \$22.70 on 1 April 2023.
- Another policy option is to raise income tax thresholds, increasing each bracket by the rate of inflation.

INCREASING NET MIGRATION AT DIFFERENT STAGES OF THE BUSINESS CYCLE

RESOURCE M: International migration estimates (provisional)

Year ended August 2023



Notes: Estimates are provisional as of August 2023.

Percentage changes are indicative of the August 2023 year compared with the August 2022 year.

Figures may not sum to totals due to rounding.

Source: Stats NZ

New Zealand had a record net migration gain of 110 200 in the August 2023 year, according to provisional estimates released by Stats NZ. Net migration is the difference between migrant arrivals and migrant departures. The 115 100 migrant departures were just below the annual record of 117 400 in the February 2012 year.

RESOURCE N: Net migration and inflationary pressure

RESOURCE O: Migration and inflation**RESOURCE P: The path back to low inflation in New Zealand****RESOURCE Q: New Zealand on track to crack 'biggest' migration figures on record**

RESOURCE R: New Zealand's hot migration risks fanning inflation, forcing rates even higher**RESOURCE S: Key macro-economic goals**

- Price stability
- Sustainable employment
- Economic growth.

Acknowledgements

Material from the following sources has been adapted for use in this assessment:

Resource B

<https://www.paknsave.co.nz/shop/category/fresh-foods-and-bakery/dairy--eggs/>

Resource C

Egg Producers Federation of New Zealand. (2016, April 7). *Feeding a nation of egglovers*. <https://www.eggfarmers.org.nz/egg-farming-in-nz>

Resource D

IBISWorld. (2024, January 23). *Recent trends – egg production*. <https://www.ibisworld.com/nz/bed/egg-production/100/>

Resource E

Burry, M. (2023, January 27). *Egg shortage: Free range egg farmers dealing with huge demand*. RNZ. <https://www.rnz.co.nz/news/national/483179/egg-shortage-free-range-egg-farmers-dealing-with-huge-demand>

Uys, G. (2023, January 9). *Egg shortage will continue for months while farmers raise another 300,000 laying hens*. Stuff. <https://www.stuff.co.nz/business/farming/130929427/egg-shortage-will-continue-for-months-while-farmers-raise-another-300000-laying-hens>

Resource F

Figure.NZ. (2024). *Retail price of free range eggs in New Zealand*. <https://figure.nz/chart/WNZOpEoBKRYz4hBh-RNBCYxXKz0rhyD1f/>. CC-BY-4.0

Resource G

Gabel, J. & Knox, C. (2023, April 19). *Cost of living crisis: Inflation makes Kiwis almost \$5000 worse off*. <https://www.nzherald.co.nz/nz/cost-of-living-crisis-inflation-makes-kiwis-almost-5000-worse-off/F5K3H3RVMFEPPN6WO7ZNMUBGAQ/>

Resource H

Gabel, J. (2023, July 27). *Cost of living for average household increasing faster than official inflation*. <https://www.nzherald.co.nz/nz/cost-of-living-for-average-household-increasing-faster-than-official-inflation/7TQVKXNO5RA2HAP77AU2RWR3PU/>

Resource I

Stats NZ. (2023, May 3). *Annual wage cost inflation 4.3 percent*. <https://www.stats.govt.nz/news/annual-wage-cost-inflation-4-3-percent/>. CC-BY-4.0.

Resource J

Graham-McLay, C. (2023, September 15). *New Zealand voters search for relief from 'shocking' living costs as election looms*. <https://www.theguardian.com/world/2023/sep/16/new-zealand-election-issues-debate-cost-of-living>

Resource K

Inland Revenue. (n.d.). *Tax rates for individuals*. <https://www.ird.govt.nz/income-tax/income-tax-for-individuals/tax-codes-and-tax-rates-for-individuals/tax-rates-for-individuals>

Resource M

Stats NZ. (2023, October 11). *Net migration exceeds 100,000*. <https://www.stats.govt.nz/news/net-migration-exceeds-100000>. CC-BY-4.0.

Resource N

RNZ. (2023, June 13). *Net migration figures show gain of 72,300 people in year to April*. <https://www.rnz.co.nz/news/business/491899/net-migration-figures-show-gain-of-72-300-people-in-year-to-april>

Resource O

Rawhiti-Connell, A. (2023, May 23). *Welcome to the immigration resurgence?* <https://thespinoff.co.nz/the-bulletin/23-05-2023/welcome-to-the-immigration-resurgence>

Kerr, J. (2023, June 20). *Inflation, migration and the cyclone rebuild: an expert take on the economy.* <https://thespinoff.co.nz/partner/20-06-2023/inflation-migration-and-the-cyclone-rebuild-an-expert-take-on-the-economy>

Resource P

Reserve Bank of New Zealand. (2023, March 17). *The path back to low inflation in New Zealand.* <https://www.rbnz.govt.nz/news-and-events/events/2023/march/kanganews-anz-2023-nz-capital-market-forum>

Resource Q

Hewett, W. (2023, May 9). *New Zealand on track to crack 'biggest' migration figures on record - here's what it'll do to inflation.* <https://www.newshub.co.nz/home/money/2023/05/new-zealand-on-track-to-crack-biggest-migration-figures-on-record-here-s-what-it-do-to-inflation.html>

Resource R

Craymer, L. (2023, May 8). *New Zealand's hot migration risks fanning inflation, forcing rates even higher.* <https://www.reuters.com/world/asia-pacific/new-zealands-hot-migration-risks-fanning-inflation-forcing-rates-even-higher-2023-05-05/>

