

New Zealand ICT Tertiary Education & Job Series May 2011

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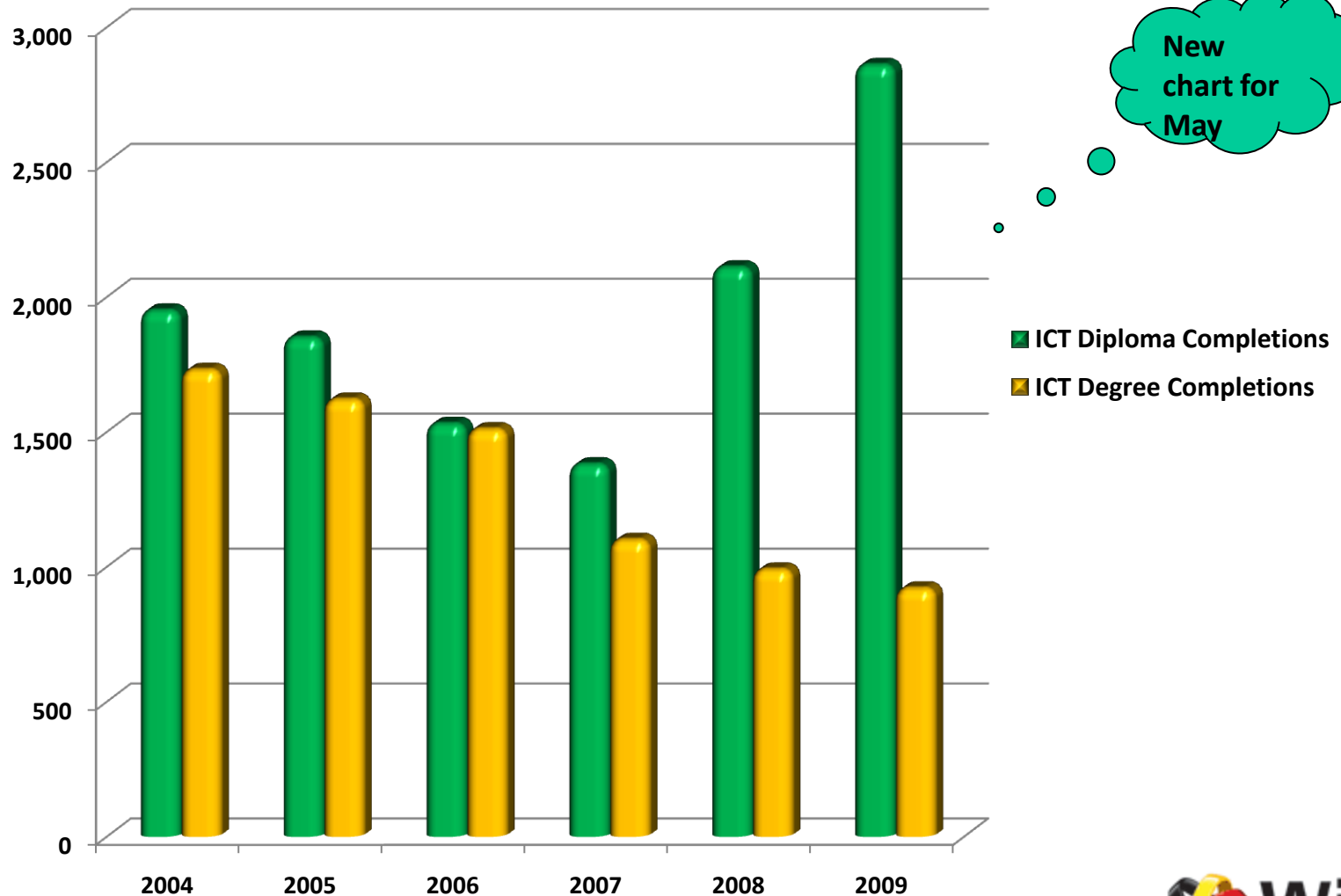
Note:



Recent Insights

- Student completions for all NZ tertiary institutions [includes both domestic & international] for;
 - ICT degrees declined 47% between 2004 and 2009 from a peak of 1730
 - ICT diplomas increased 107% from a low of 1380 in 2007
- NZ ICT jobs advertised for May 2011 continue to trend ahead of this time last year [27.1% for Seek & 37.5% for Trademe]
- Auckland is the only NZ location to show an increase [8%] in ICT jobs advertised on Seek for this month including;
 - 16% increase for jobs featuring Microsoft
 - 10% increase for jobs featuring Linux
- Overall all NZ ICT jobs advertised on Seek rose 2% during the month [Trademe decreased 5%]

Student Completion Trends [Domestic & International] NZ Tertiary Sector 2004 to 2009



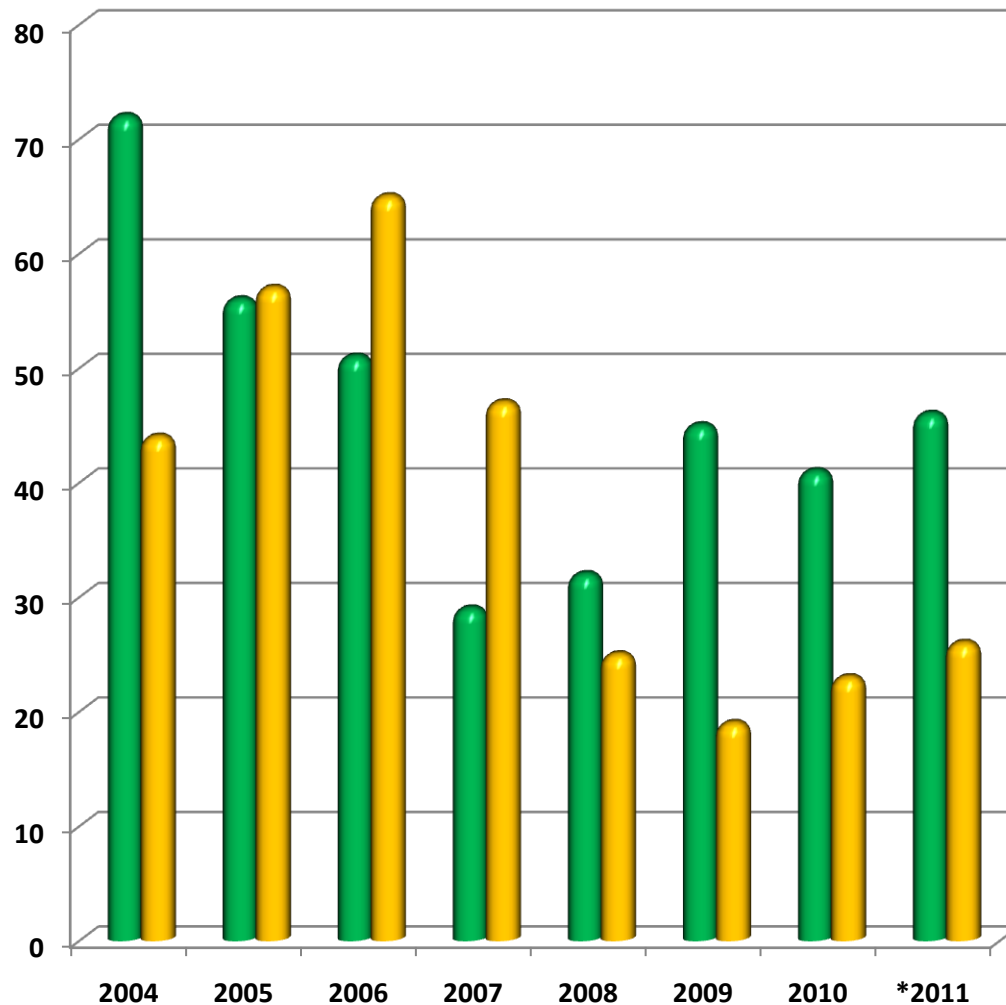
Source: [Education Counts](#) (Accessed May 2011)

ICT Degree Declining Completion Rate

- Suggested reasons for the decline in ICT degree completions include;
 - Falling enrolments, both domestic and international
 - Students changing their degree major after commencing
 - Dropping out and/or exiting with a diploma
 - Gaining a job before completing

- **What do you think?**
 - Do you have access to evidence/a theory supporting reasons for the apparent decline in ICT degree completions?

Wintec School of IT Student Completions Trends [Domestic & International] Improving 2007 to 2010

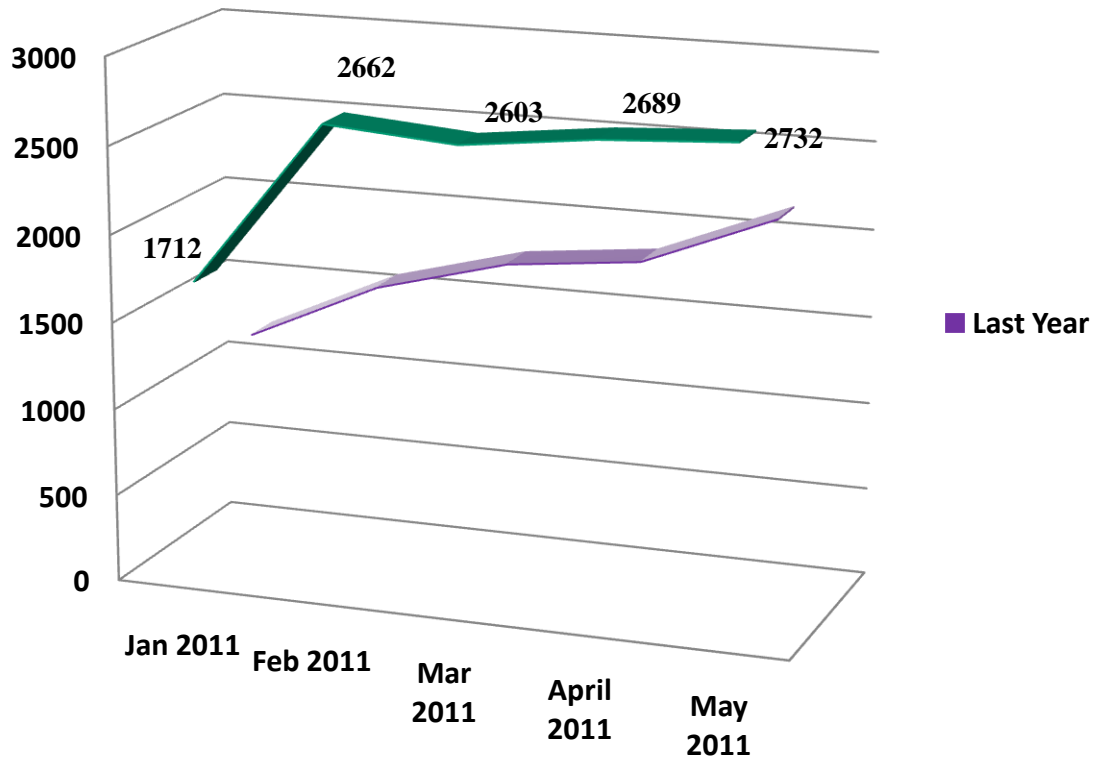


New chart for May

■ ICT Diploma Completions
■ ICT Degree Completions
*2011 Estimated

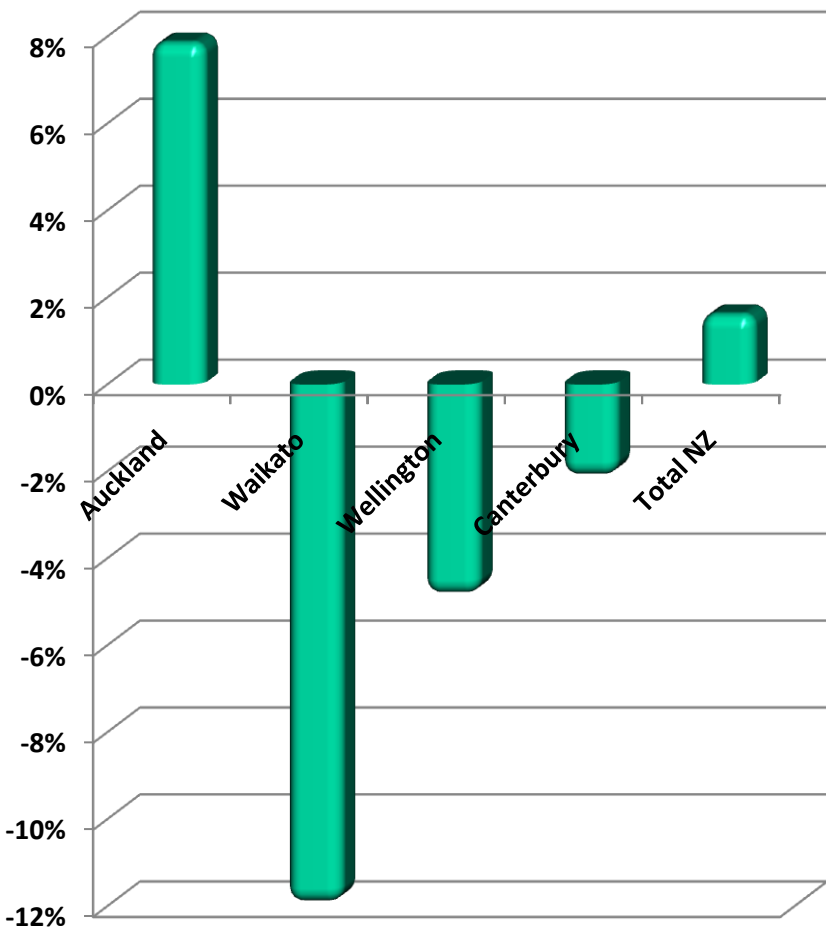
Source: **Wintec Arion MIS** (Accessed May 2011)

Seek ICT NZ Job Advert Trends January – May 2011



Source: [Seek ICT](#) (Accessed May 2011)

Seek ICT Job Adverts Monthly Change May 2011



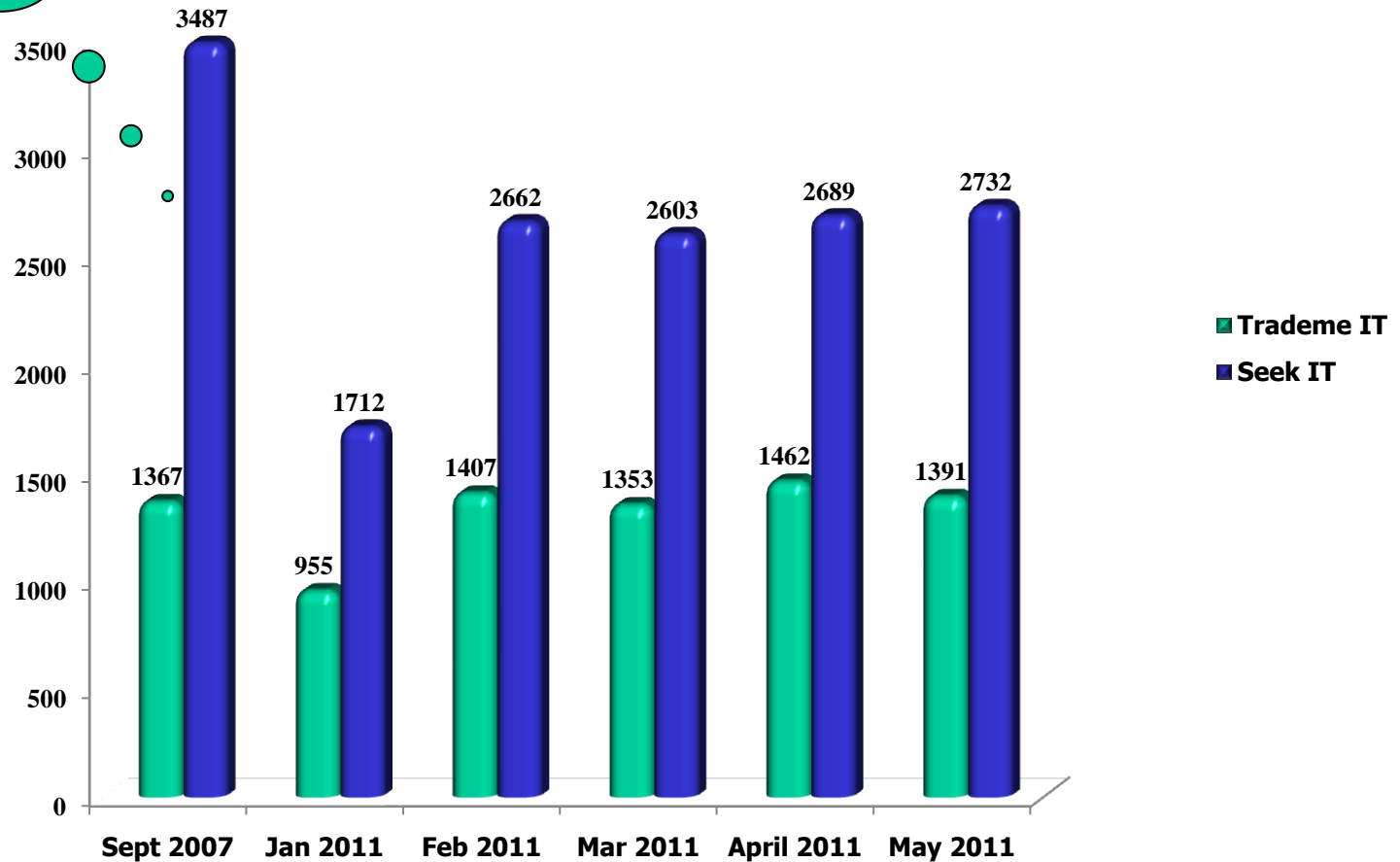
New chart for May

■ Increase/Decrease on April Figures

Source: [Seek ICT](#) (Accessed May 2011)

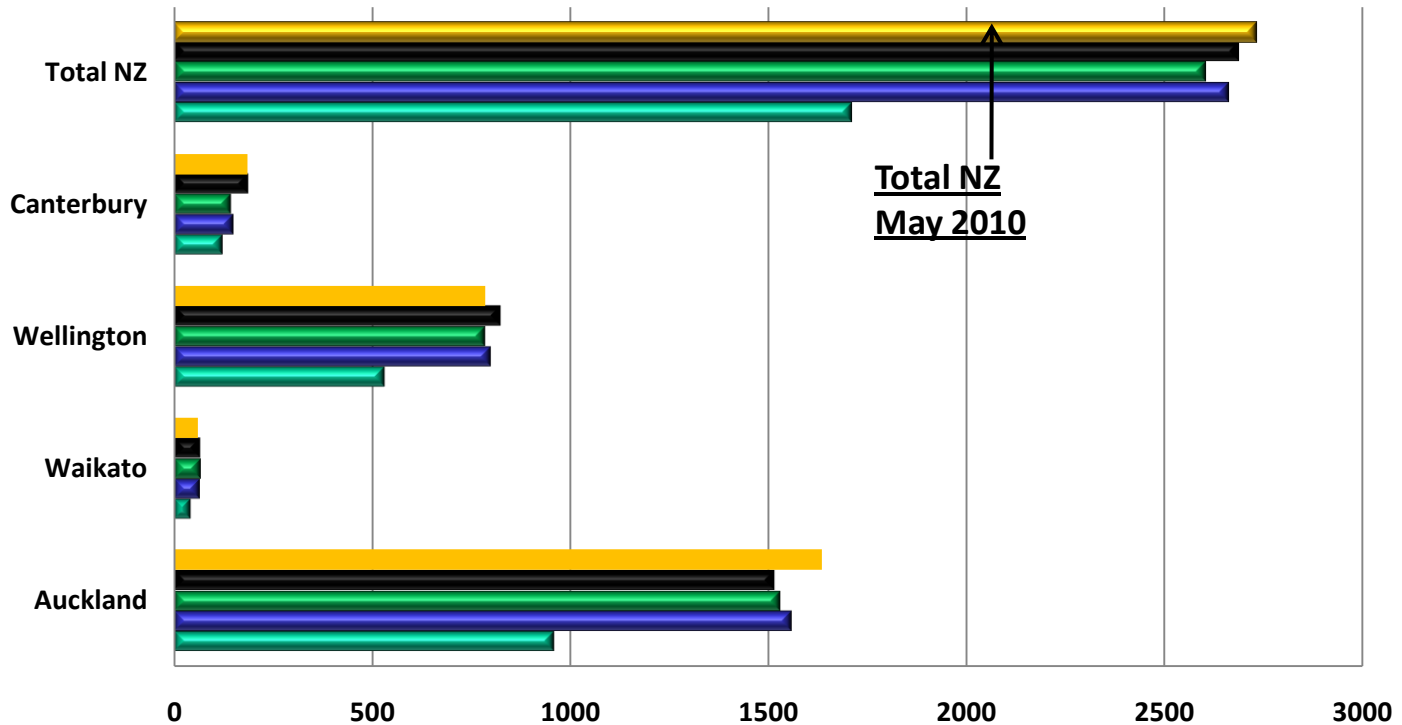
NZ Seek & Trademe ICT Job Adverts for Sept 2007 Peak & January to May 2011

2007 Peak
before
recession



Source: [Seek ICT](#) (Accessed May 2011)

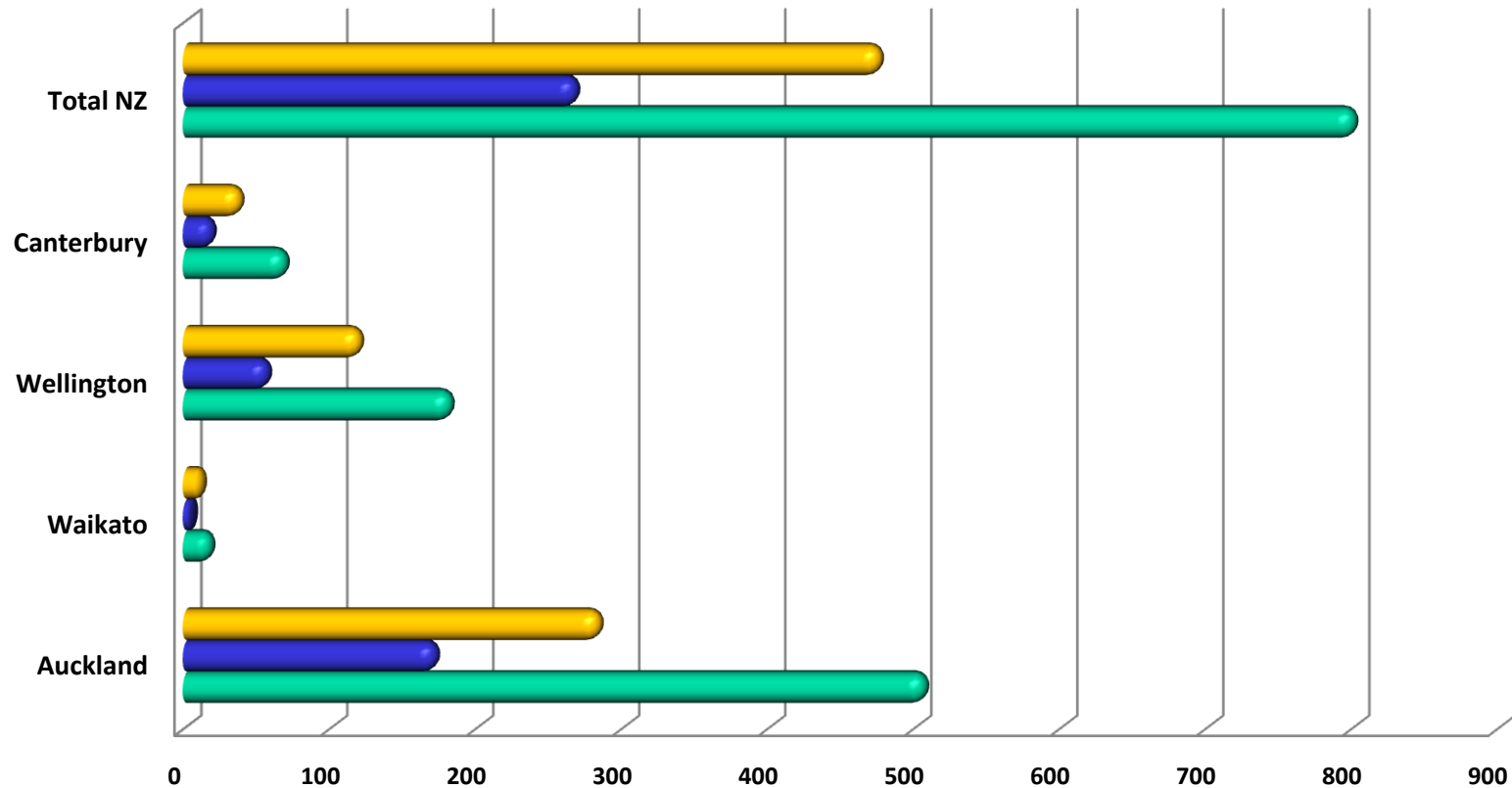
Seek ICT Job Adverts NZ January - May 2011



	Auckland	Waikato	Wellington	Canterbury	Total NZ
■ May-11	1635	59	785	184	2732
■ Apr-11	1516	67	825	188	2689
■ Mar-11	1530	68	785	144	2603
■ Feb-11	1559	66	800	151	2662
■ Jan-11	960	42	532	123	1712

Source: [Seek ICT](#) (Accessed May 2011)

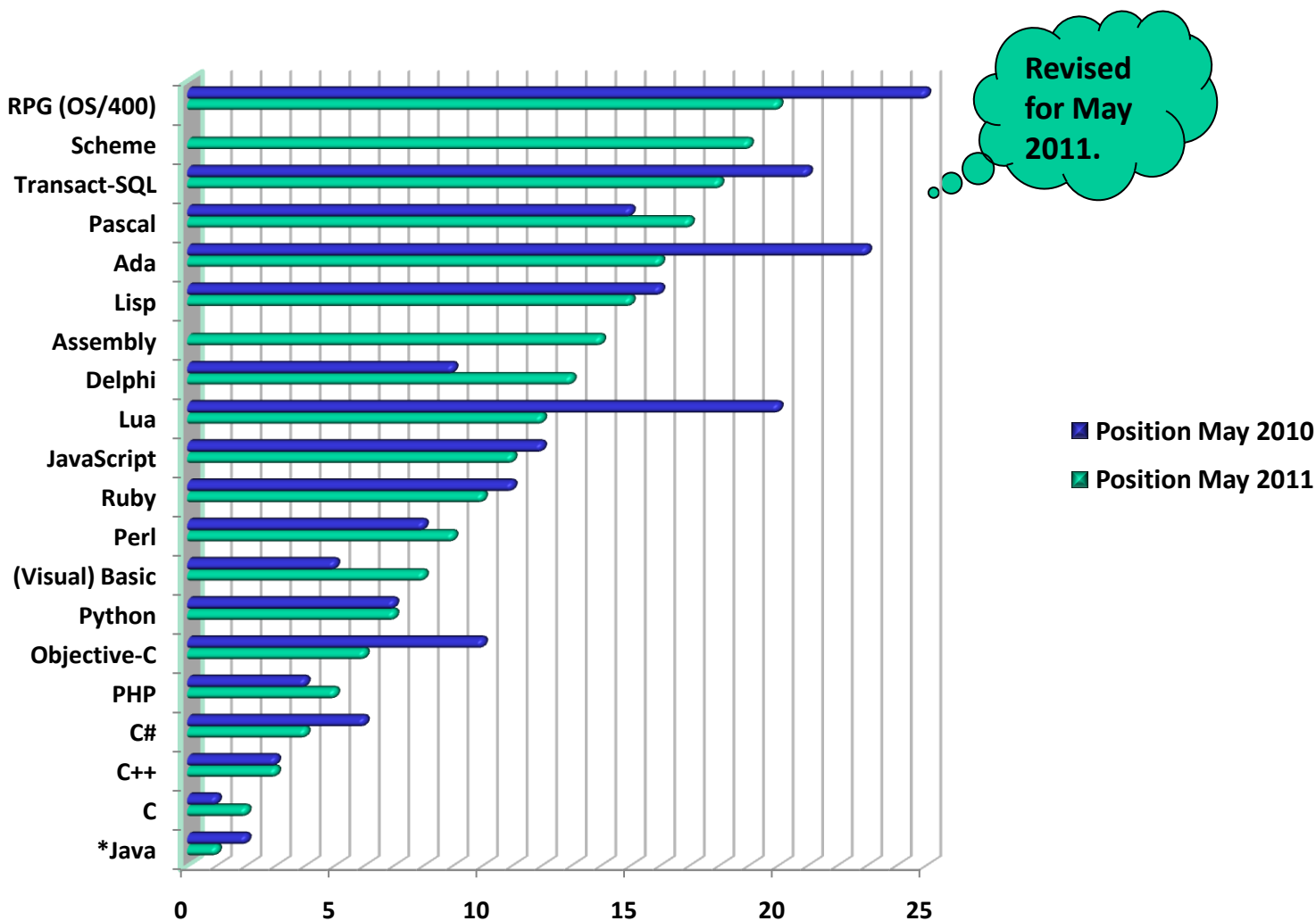
Seek ICT Job Adverts by Industry Certification May 2011



	Auckland	Waikato	Wellington	Canterbury	Total NZ
■ Microsoft	284	12	120	38	476
■ Cisco	172	5	57	19	268
■ Linux	507	18	182	69	801

Source: [Seek ICT](#) (Accessed May 2011)

TIOBE [The Importance of Being Earnest] Programming Community Index



*Java maintains its popularity as the No.1 programming Language

TIOBE Programming Community Index for May 2011

- **Headline: C# and Objective-C remain the strongest climbers**
 - No dramatic changes this month. Both C# and Objective-C score new all-time highs
 - C#'s and Objective-C's increases in popularity of more than 2.5% on annual basis outpace all other programming languages
 - Lua moves from 16th to 12th and Python follows with +0.61% and +0.49% respectively

Notes:

1. The ratings are calculated using the popular search engines Google, Bing, Yahoo!, Wikipedia, YouTube and Baidu
2. The TIOBE index is not about the best programming language or the language in which most lines of code have been written.

[Source: [TIOBE Software](#) 17/05/2011]

Recent News Item

Canada: New Brunswick Information Technology Council

- **Program to grow ICT enrolment announced [Apr 27, 2011]**
 - Launching “The Class of 2011” program targeted at encouraging more youth to pursue careers in ICT
 - Up to 25 high-school students from the 2011 graduating class to be given firm commitments of an ICT job on graduation from University or Community College with a related degree or diploma
 - Sends a clear message that “the jobs are there and they’re not going away”
 - Aim:
 - To help make post-secondary education more accessible to New Brunswick youth with a technology inclination
 - To encourage more of them to pursue the broader array of opportunities in this field
 - **“With over 8,000 people already employed, and the sector growing at twice the rate of the economy as a whole, we need to grow supply if we’re to keep the jobs in the Province”** [Larry Sampson, Council CEO]

Conclusion:

- *The top 5 programming languages, according to TIOBE are;*
 - *Java (1)*
 - *C (2)*
 - *C++ (3)*
 - *C# (4)*
 - *PHP (5)*
- *NZ ICT jobs advertised on Seek and Trademe continue to trend ahead of this time last year*
- *The New Brunswick Information Technology Council in Canada has program targeted at encouraging more youth to pursue careers in ICT by incentivising them to commit to completing an ICT related diploma or degree*
- ***If you are interested in a specific ICT job category and would like to see the trends associated with the Seek job advert data please contact me via my email:***

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