

New Zealand

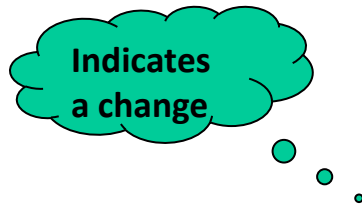
ICT

Tertiary Education & Job Series

January 2012

garry.roberton@wintec.ac.nz

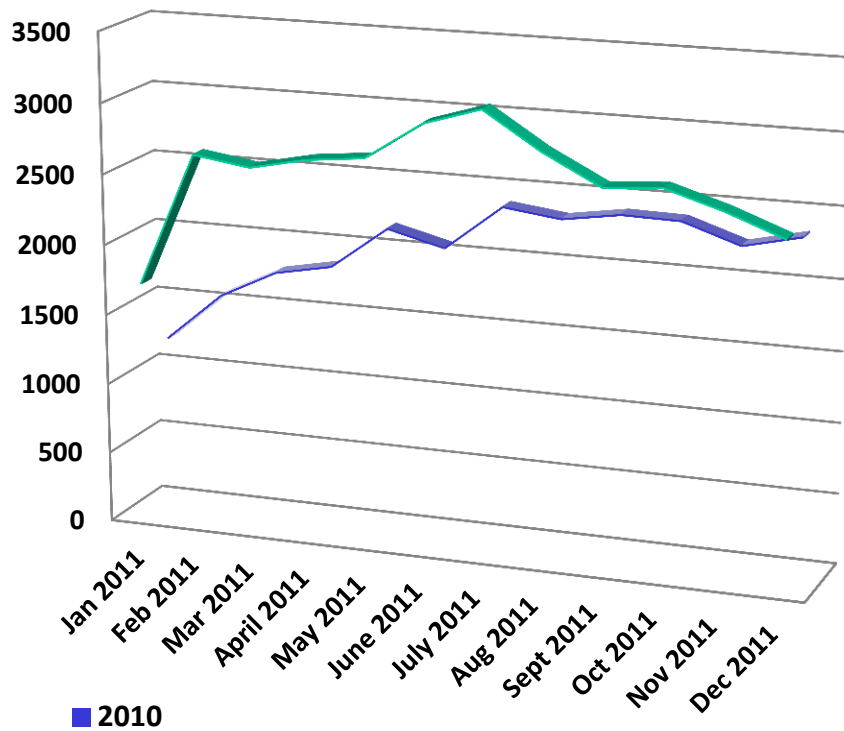
Note:



Recent Insights

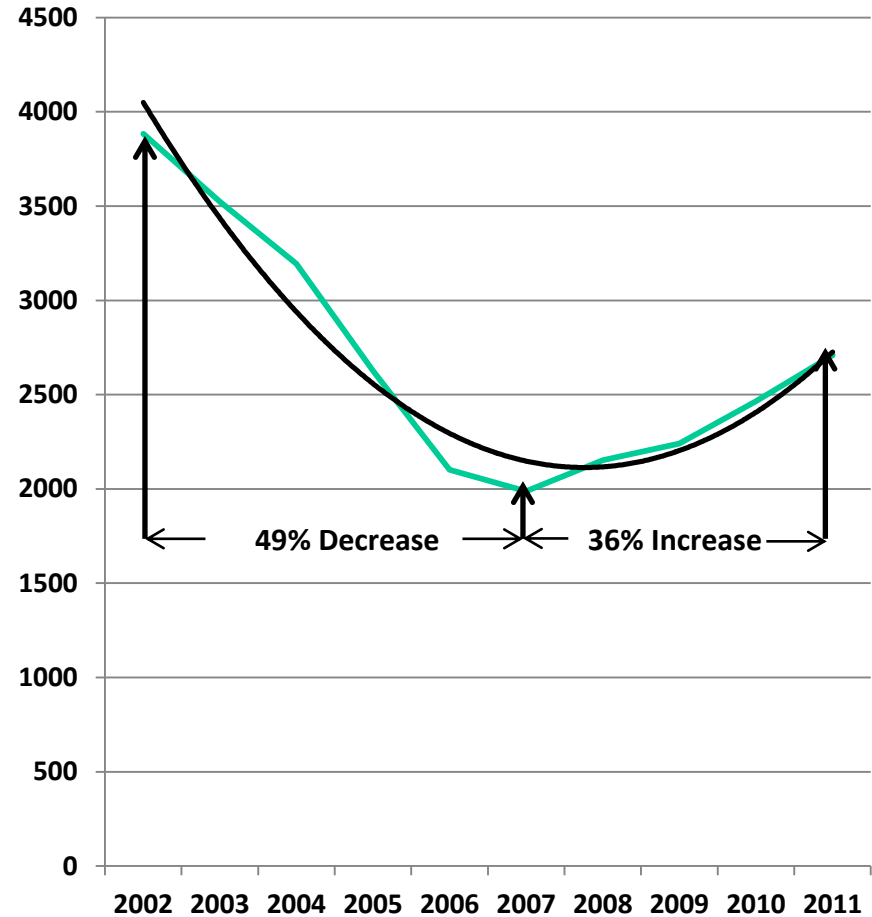
- Enrolments;
 - First year CS enrolments at Otago University are at their lowest levels since 2001
 - This is consistent with the [University sector] trend throughout NZ and the Western world [Computerworld opinion piece]
 - ICT enrolments across the ITP [Polytechnic] sector were up 10% in 2011 [CITRENZ]
- Jobs;
 - ICT jobs advertised on Seek & Trademe for January 2012 are up 11% & 2% respectively on the same time last year
 - At this time last year Seek ICT job adverts were up 41% on the January 2010 figures

Seek IT Job Advert Trends NZ 2011



Source: [Seek ICT](#) (Accessed January 2012)

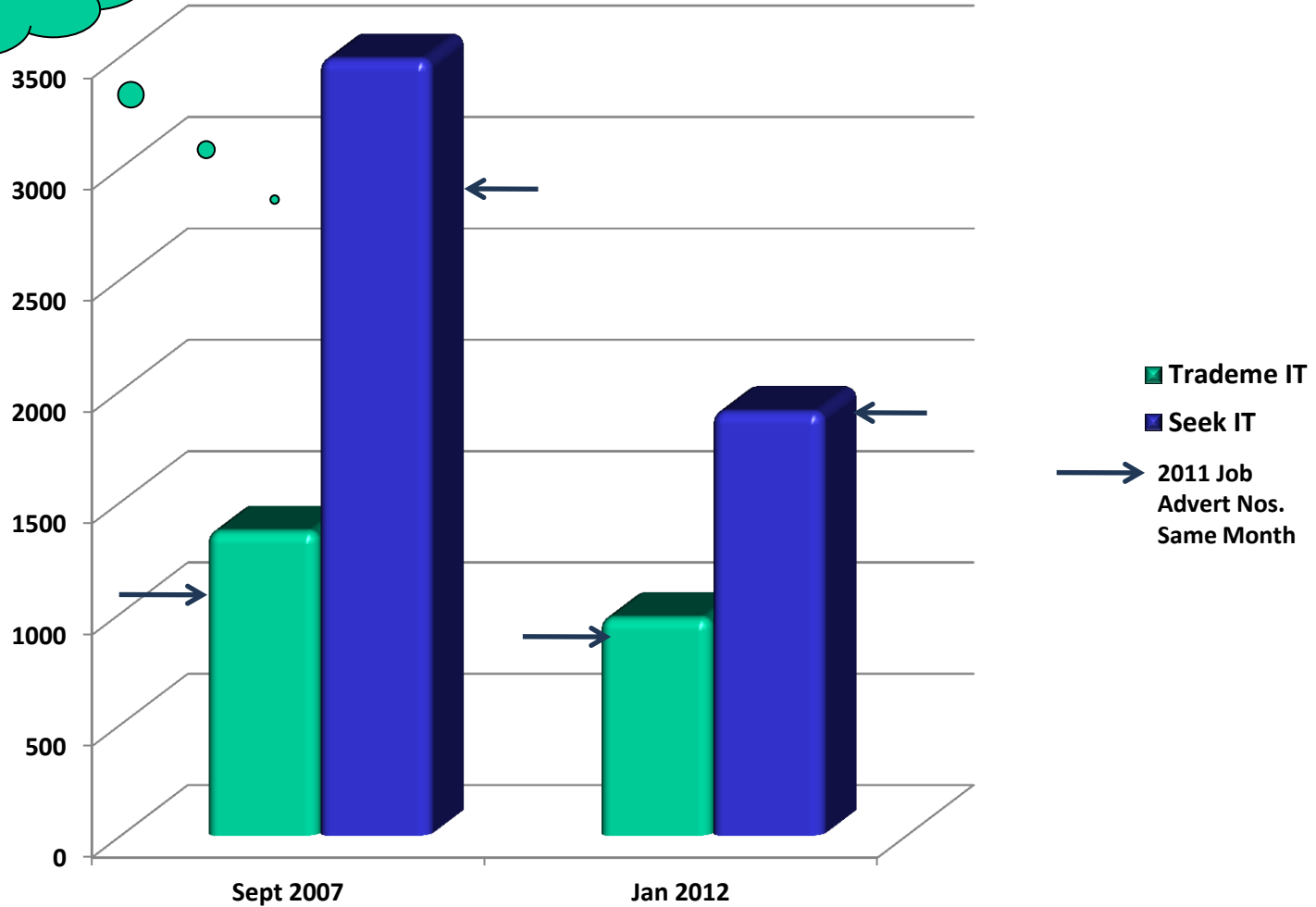
ITP [Polytechnics] ICT Enrolment Trends [based on CITRENZ Data] 2002 to 2011



Source: CITRENZ Data

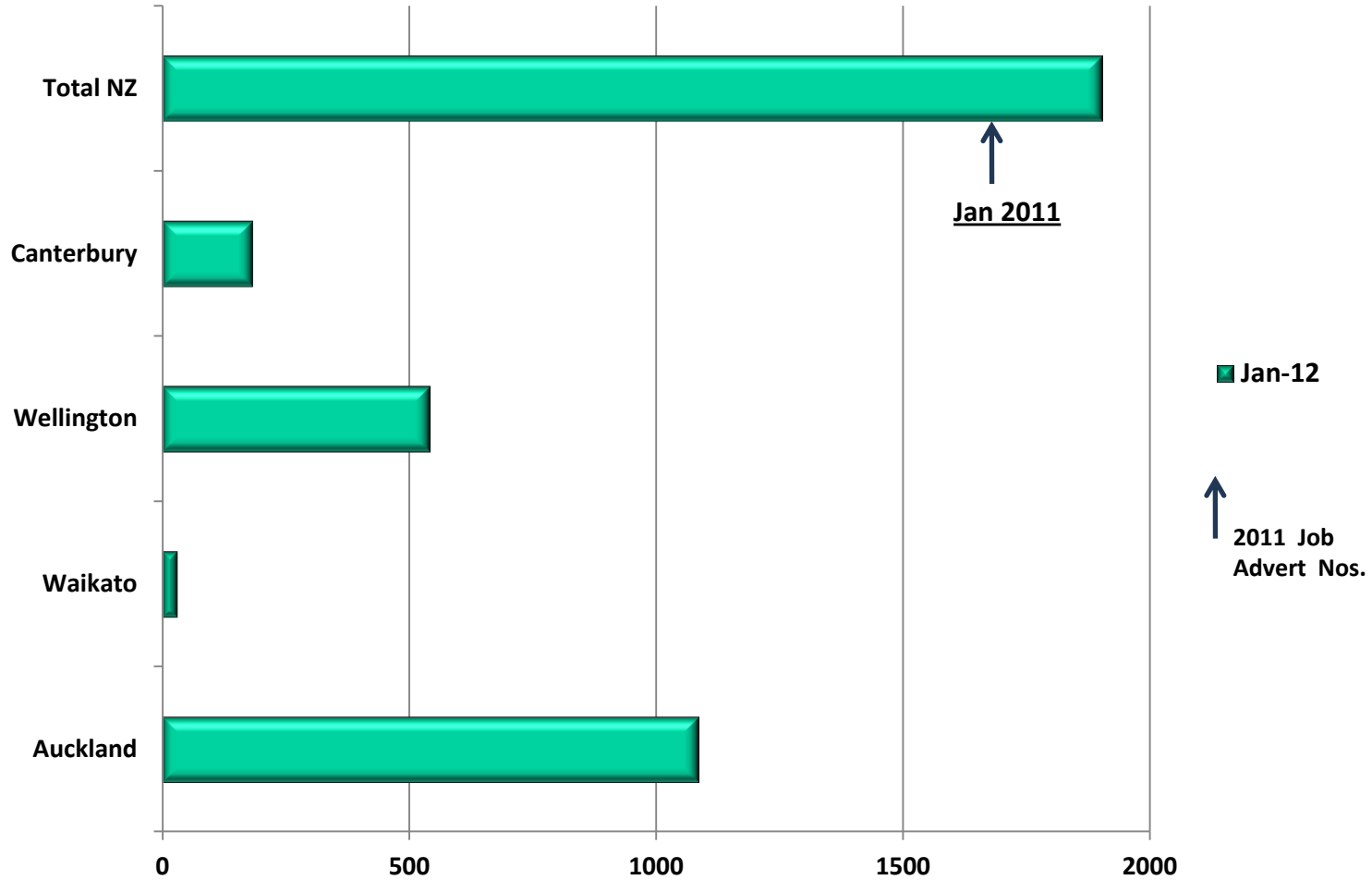
ICT Job Adverts NZ Seek & Trademe

Peaks before
recession



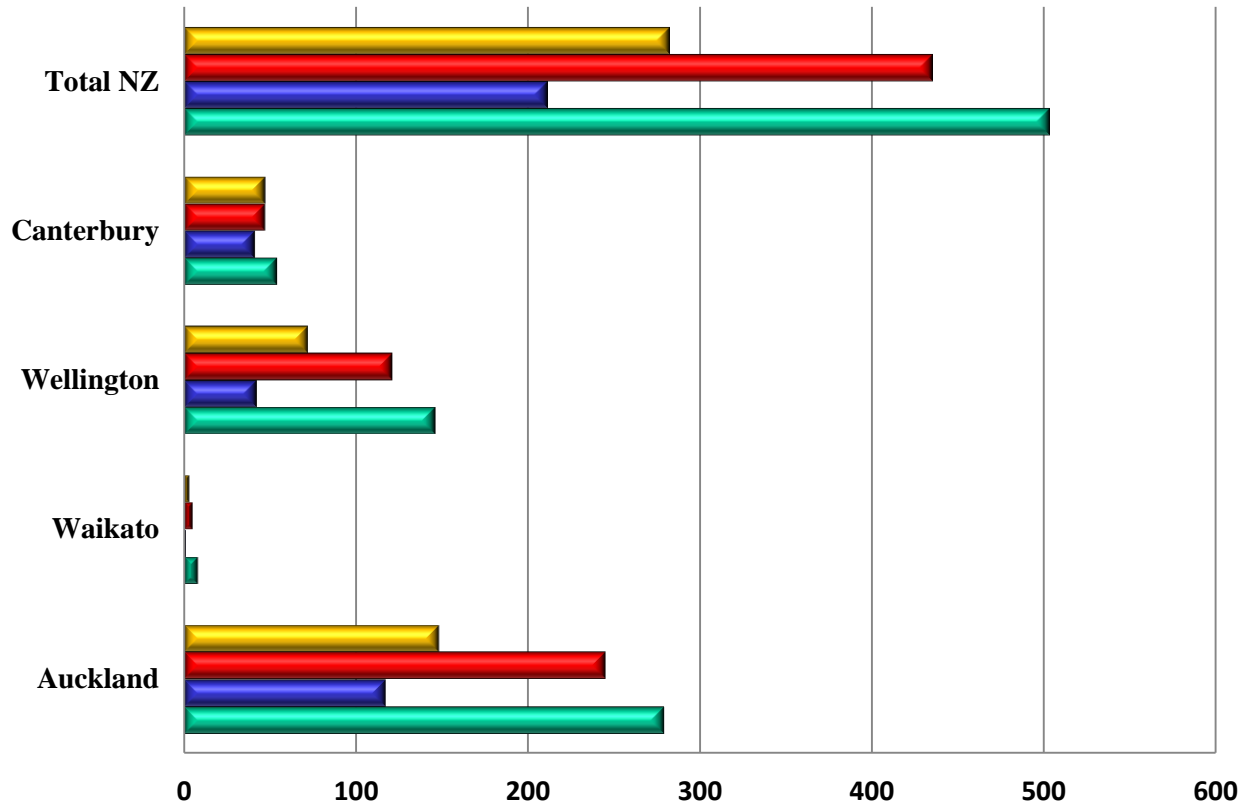
Source: [Seek ICT](#) (Accessed January 2012)

Seek ICT Job Adverts Monthly Trend



Source: [Seek ICT](#) (Accessed January 2012)

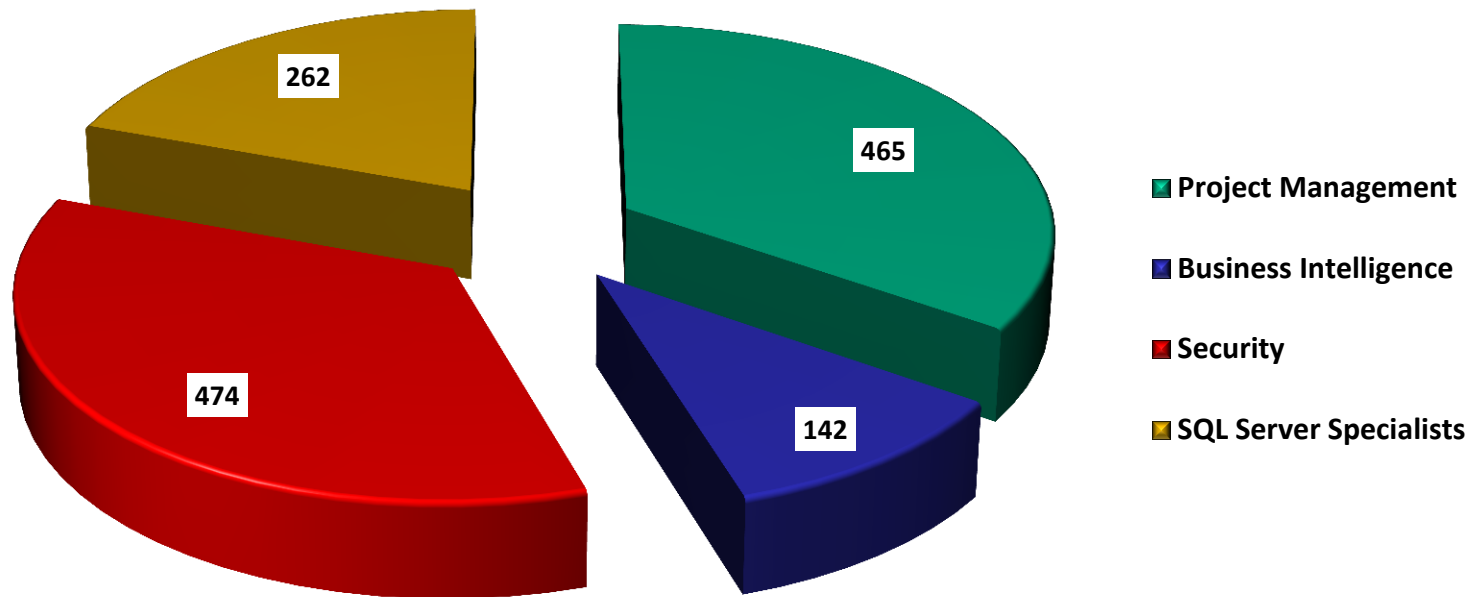
Seek ICT Job Adverts by Programming Language January 2012



	Auckland	Waikato	Wellington	Canterbury	Total NZ
.NET	148	3	72	47	282
PHP	245	5	121	47	435
C#	117	1	42	41	211
Java	279	8	146	54	503

Source: [Seek ICT](#) (Accessed January 2012)

Top Skill Sets [selected] NZ Executives Hiring for in 2012



Reference: [ITCareerFinder](#) [October 2011]

Source: [Seek ICT](#) (Accessed January 2012)

Recent News Items

Biggest challenge facing ICT in 2012 [Brendan McCane, Head of CS, Otago University] [[Computerworld](#), 9th January 2012]

- It is the same as it ever was: it is people, it is people, it is people
- First year enrolments in CS fallen 60% from 500 in 2001 to 200 in 2011
- Current numbers, consistent throughout NZ and the western world, are insufficient [to meet the needs of the industry]
- Online ICT vacancies are consistently double that of any other industry
- Everyone in ICT needs to trumpet the benefits of ICT knowledge and skills and encourage more people into the industry

The comments in the Computerworld opinion piece echo those published in the NZCS December edition of [Newsline](#) 'ICT Trends: meeting the future demand for skills'

Recent News Items

The State Services Commission's annual Human Resources Capacity Survey, examining the employment characteristics of the public service in NZ, shows;

- ICT roles [systems analysts, programmers, customer support officers, etc] fell by 13.5 percent in the year to June, 2011 - the biggest drop of all government employment groups
- There were 1738 ICT fulltime equivalent employees as at June 30, 2011, compared with 2009 at the corresponding date a year earlier
- Unplanned turnover of ICT staff jumped from 8 per cent to 16 per cent in 2011

[Source: [NZ Herald 9th Jan 2012](#)]

Conclusions:

- *The continuing trend of falling tertiary sector enrolments in ICT/CS presents one of the biggest challenges to the industry for 2012*
- *ICT job potential remains extremely healthy*
- *Follow the monthly ICT job advert trends for 2012 @ www.citrenz.ac.nz/job-trends*
- *Comments/feedback welcome*

garry.roberton@wintec.ac.nz

Twitter: @Gazza_R