

New Zealand

ICT

Tertiary Education & Job Series

October 2011

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Note:



Insights

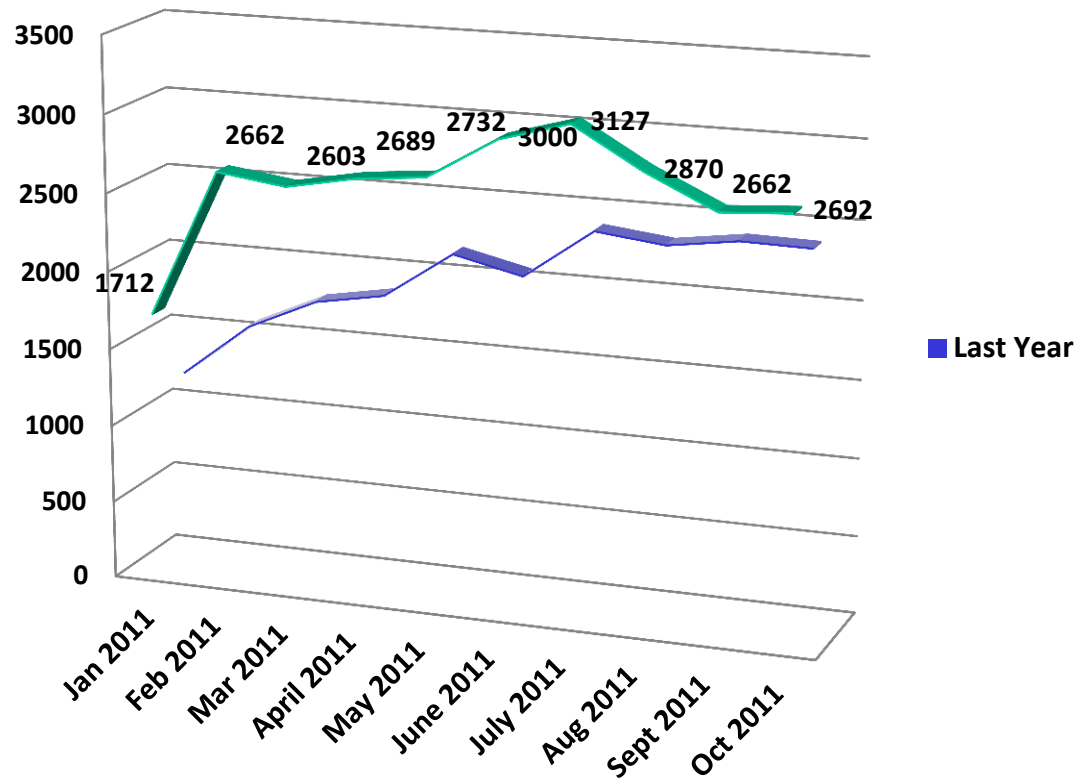
➤ Jobs [Last month ()]:

- NZ Seek ICT jobs adverts for the month of October;
 - All NZ rose by 1% (-7%) (Up 13% on October 2010) in spite of other negative economic indicators
 - Auckland down 1% (-8%), Wellington up 2% (-3%) and Canterbury up a significant 9% (-12%)
 - Waikato experienced a 2% increase (-22%)
- Trademe (all NZ) increased by 2% (2%) (Up 1.6% on September 2010)
- ICT jobs in Canterbury have increased from 123 to 236 (92%) for the year to October

➤ Pay disparity in New Zealand's ICT sector:

- Still a significant gap with women earning an average of 7.8% less than salaried men, while the average contract hourly rate for women is 12.5% lower than for men
- Linked readings: [ICT Trends: The talent pipeline and women in tech](#)

Seek IT Job Trends NZ 2011



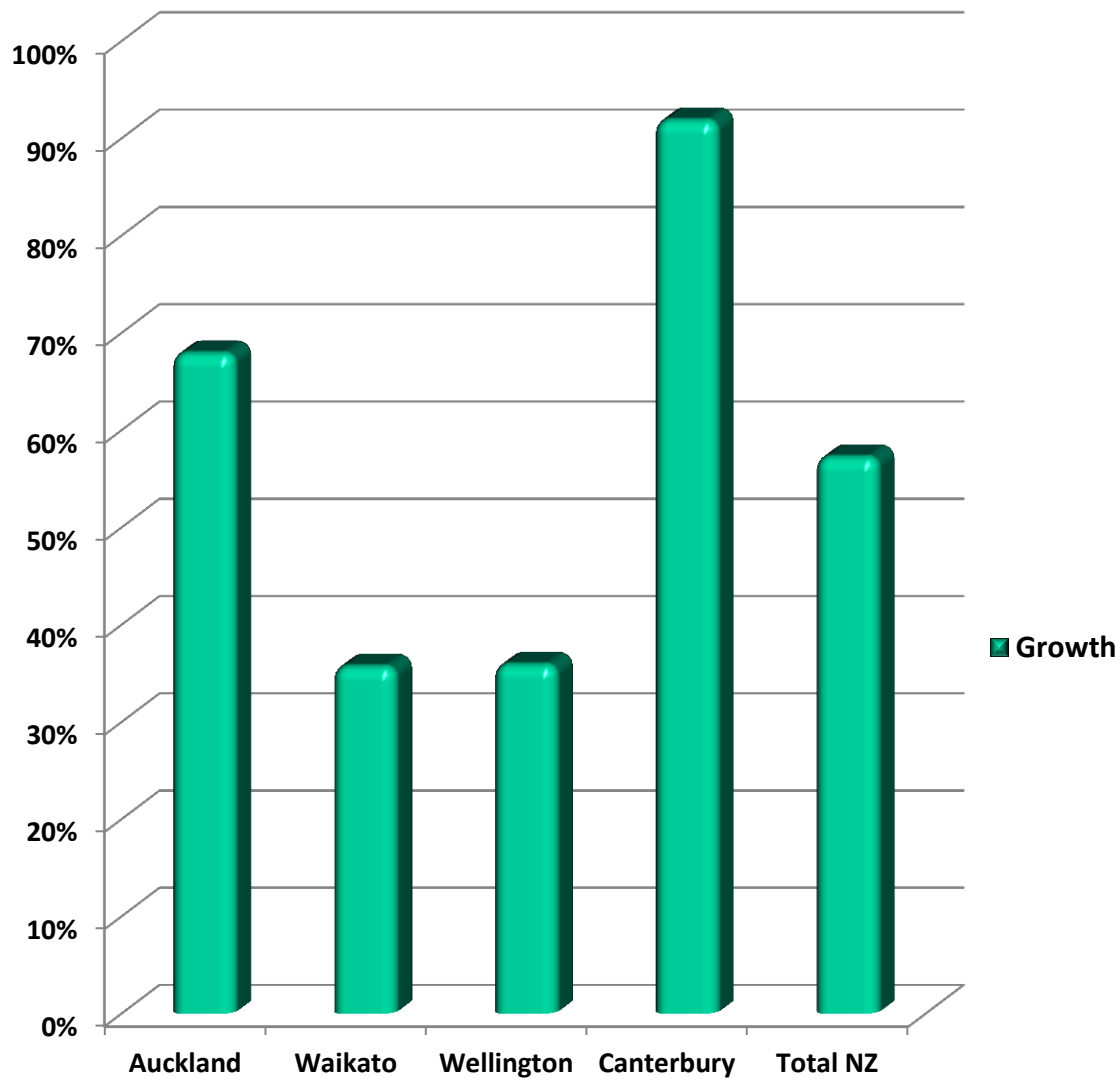
Source: [Seek ICT](#) (Accessed October 2011)

Seek ICT Job Adverts Monthly Change October 2011



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

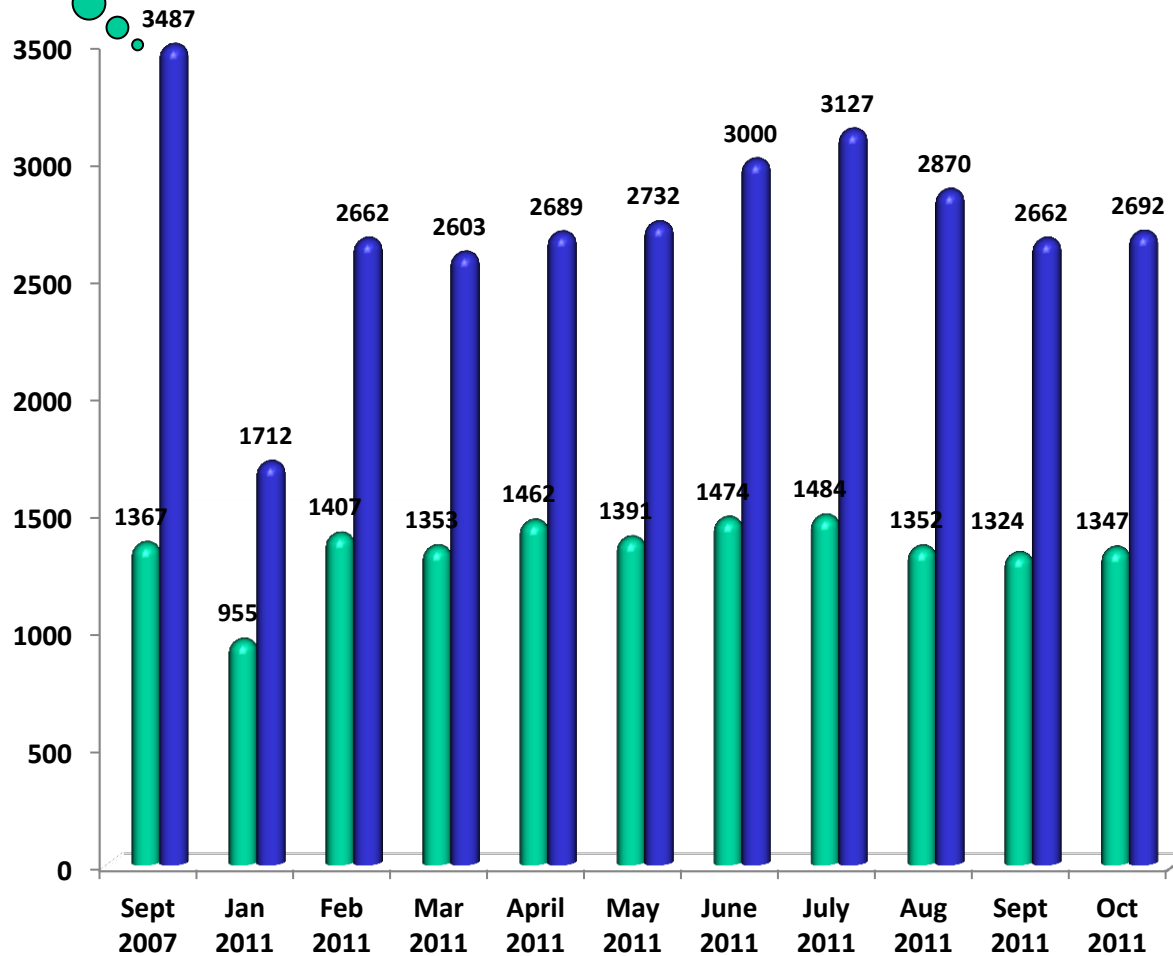
Seek ICT Job Advert Trends Year to October 2011



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

2007 Peak
before
recession

ICT Job Adverts NZ Seek & Trademe



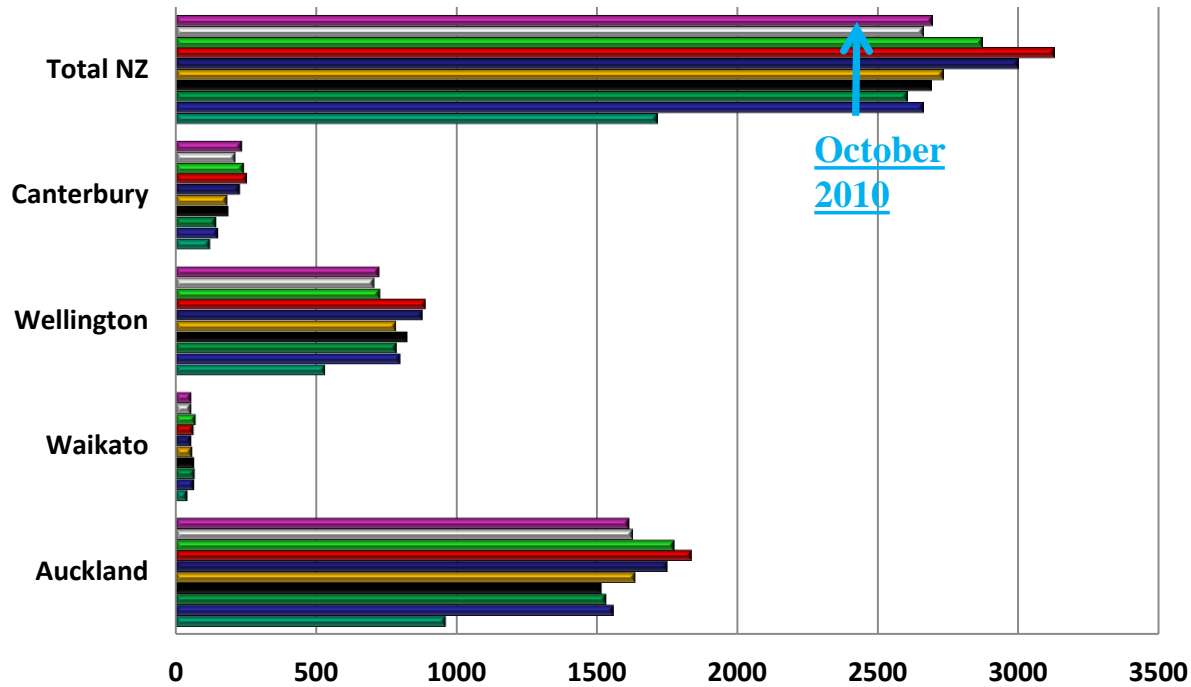
■ Trademe IT

■ Seek IT



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

Seek ICT Job Adverts Year to October 2011

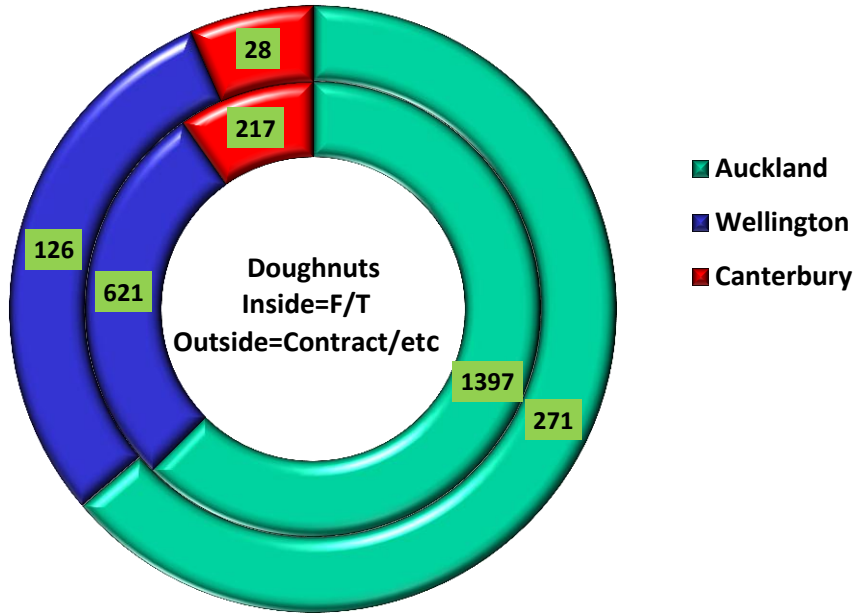


	Auckland	Waikato	Wellington	Canterbury	Total NZ
Oct-11	1612	57	723	236	2692 ↑
Sep-11	1629	56	707	214	2662 ↓
Aug-11	1772	72	727	242	2870 ↓
Jul-11	1837	65	891	255	3127 ↓
Jun-11	1751	57	880	229	3000 ↑
May-11	1635	59	785	184	2732 ↑
Apr-11	1516	67	825	188	2689 ↑
Mar-11	1530	68	785	144	2603 ↑
Feb-11	1559	66	800	151	2662 ↓
Jan-11	960	42	532	123	1712 ↑

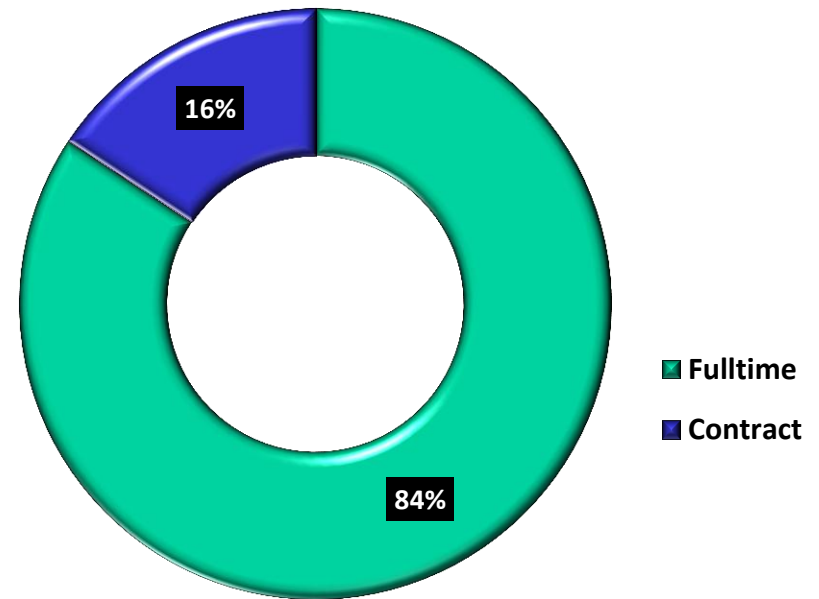
Source: [Seek ICT](#) (Accessed October 2011)

Seek ICT Job Adverts Oct 2011

Full Time & Part time/Contract/Temp/Casual

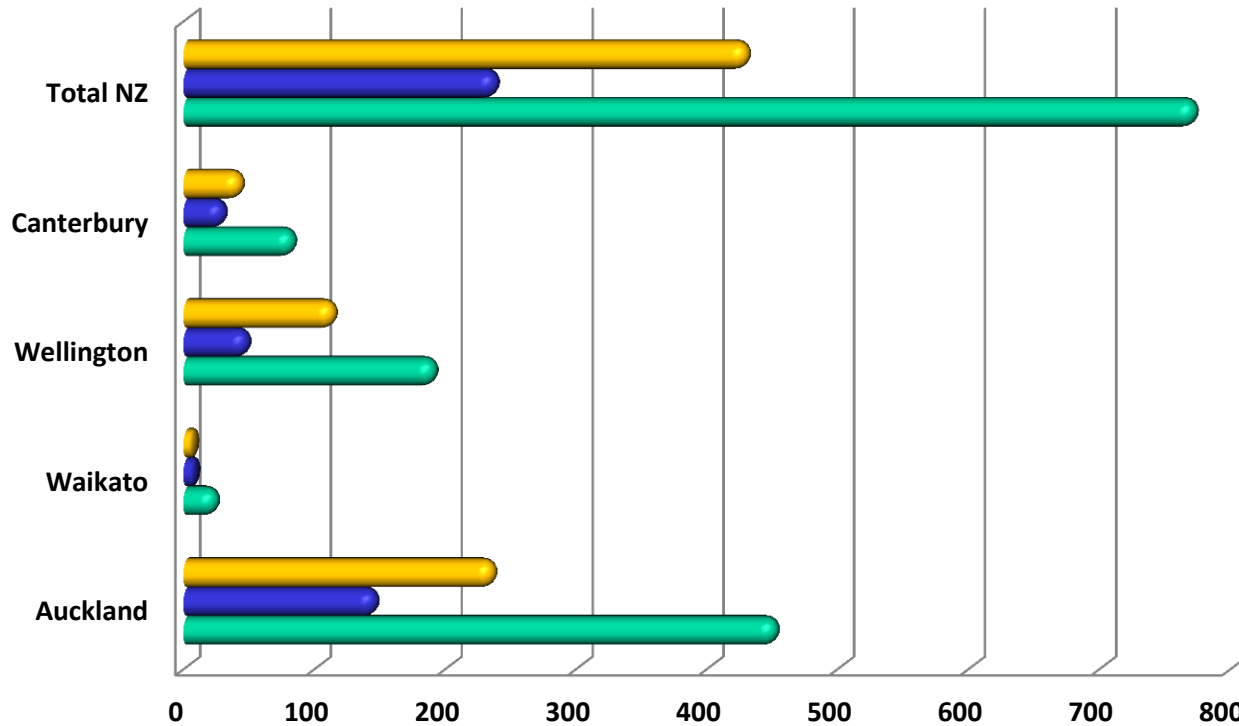


Comparison by Main Regions



All NZ

Seek ICT Job Adverts by Industry Certification October 2011

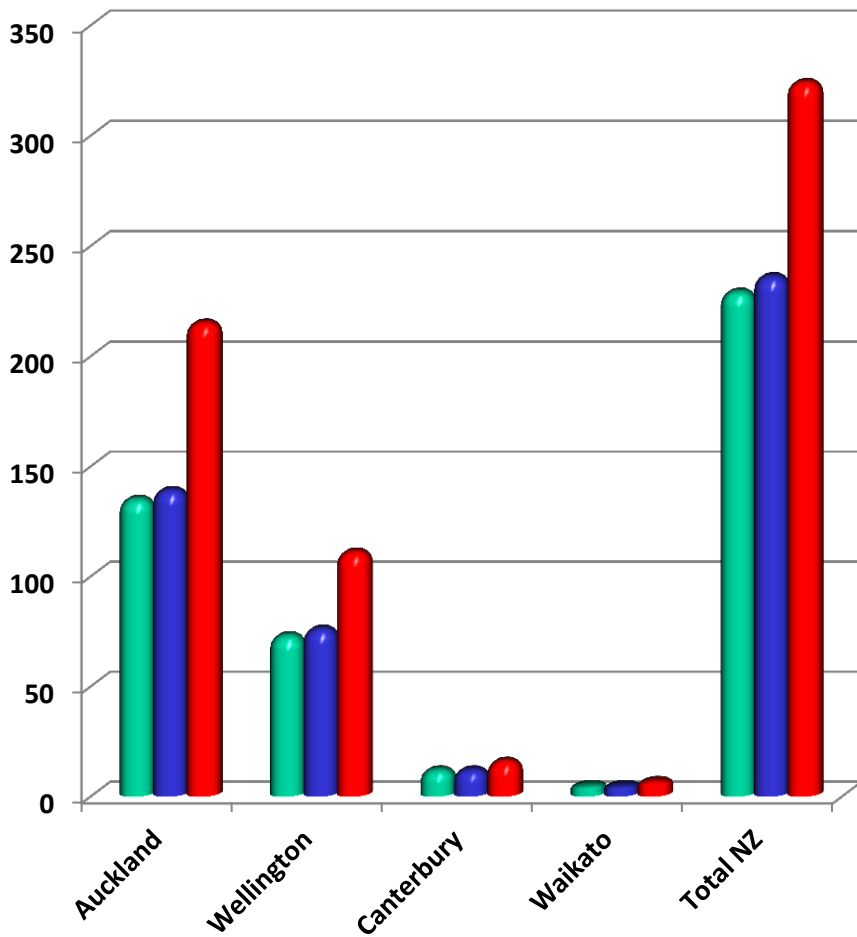


	Auckland	Waikato	Wellington	Canterbury	Total NZ
Microsoft	236	7	114	43	430
Cisco	146	8	48	30	238
Linux	452	24	191	83	772

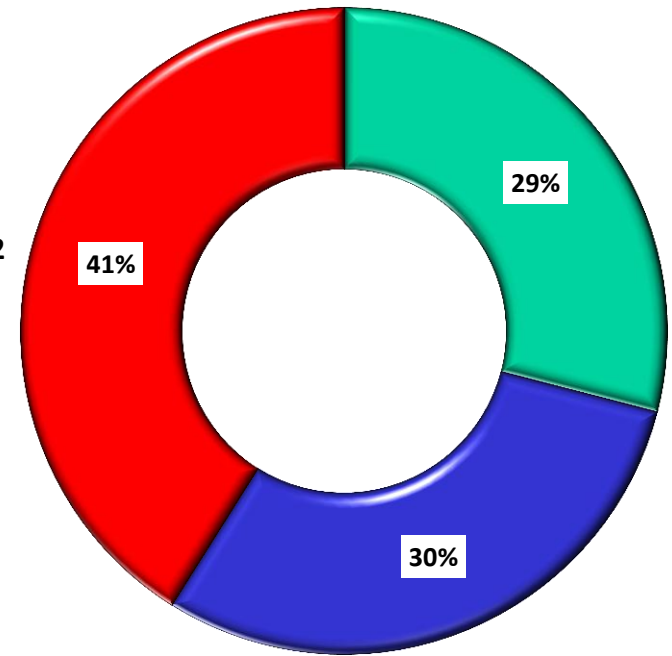
Linux jobs in the Waikato increased 50%, while for Microsoft jobs Auckland decreased 16% and Wellington increased 20%



Seek ICT Job Adverts Filtered by Management Certifications



■ PMP
■ Prince 2
■ ITIL

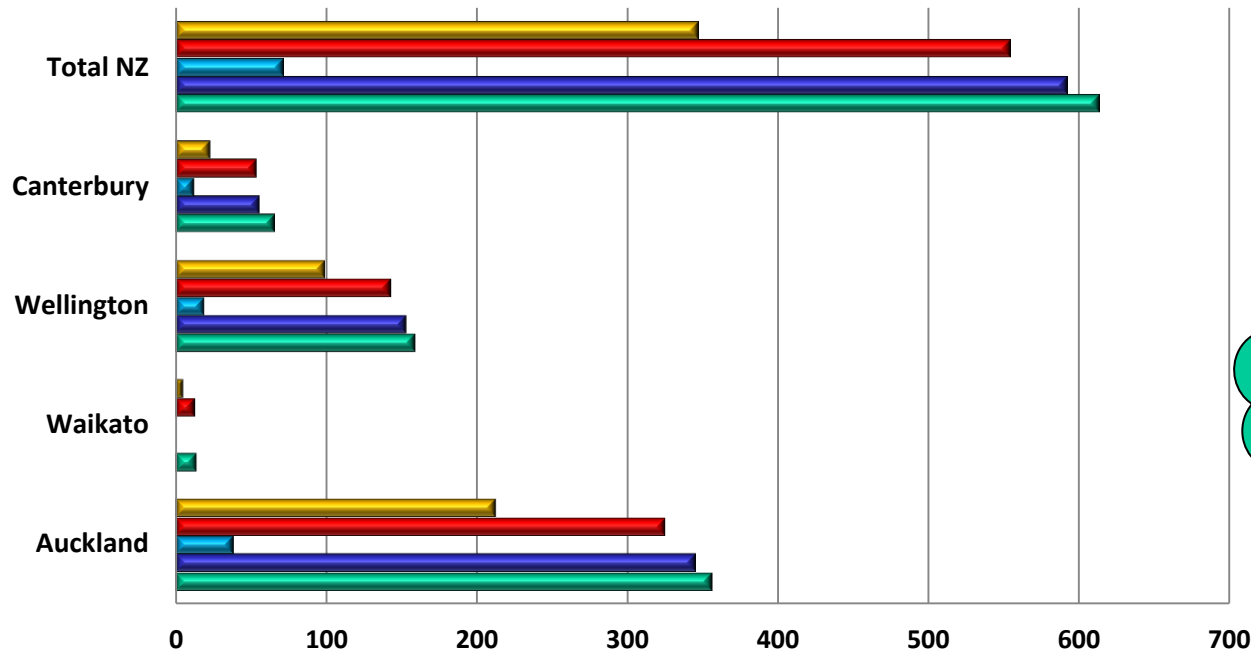


Notes:

- All 3 management certifications may be referenced in the same job advert.

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

Seek ICT Job Adverts by Programming Language October 2011

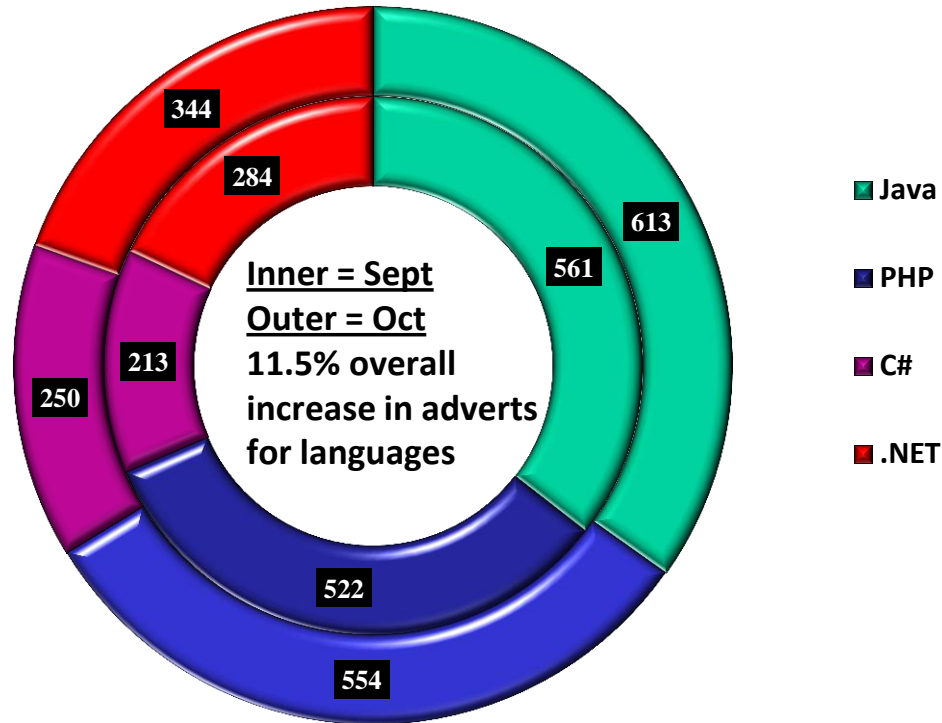


C++ added this month for comparison with TIOBE

	Auckland	Waikato	Wellington	Canterbury	Total NZ
.NET	212	5	99	23	347
PHP	325	13	143	54	554
C++	38	0	19	12	71
C	345	0	153	56	592
Java	356	14	159	66	613

- Java & .NET increased by 9% & 21% respectively on September totals
- PHP & C# also experienced monthly increases
- C++ added to enable comparison with TIOBE index [Top five: Java, C, C++, PHP & C#]

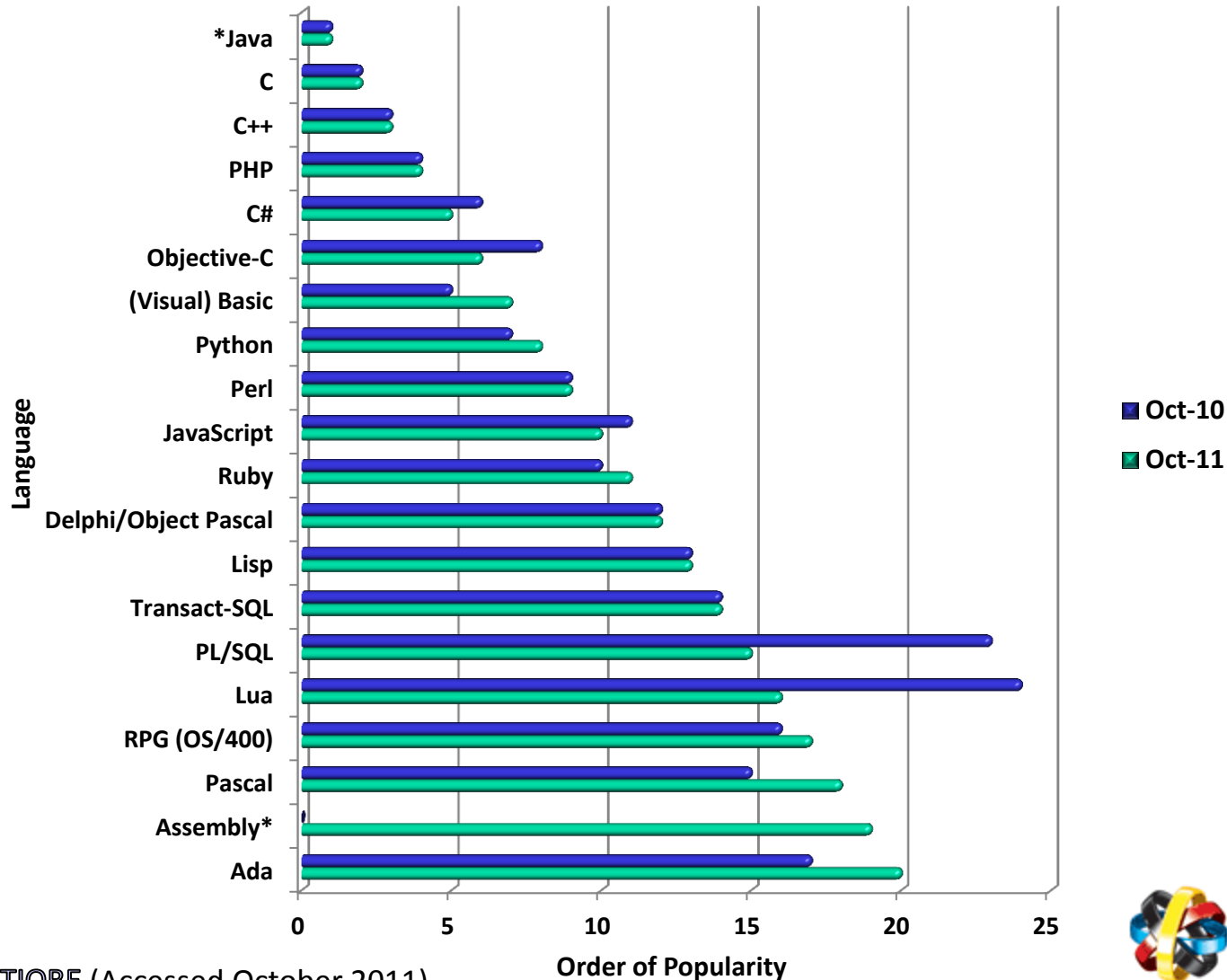
Seek IT Job Adverts Comparison by Languages Sept - Oct 2011



Note: Total adverts for all four languages increased by 11.5% for the month

TIOBE [The Importance of Being Earnest] Programming Community Index for October 2011

***Java** remains the No.1 programming language in the top 20



Source: [TIOBE](#) (Accessed October 2011)

TIOBE Programming Community Index Headline for October 2011

Despite new version 7 release Java loses ground

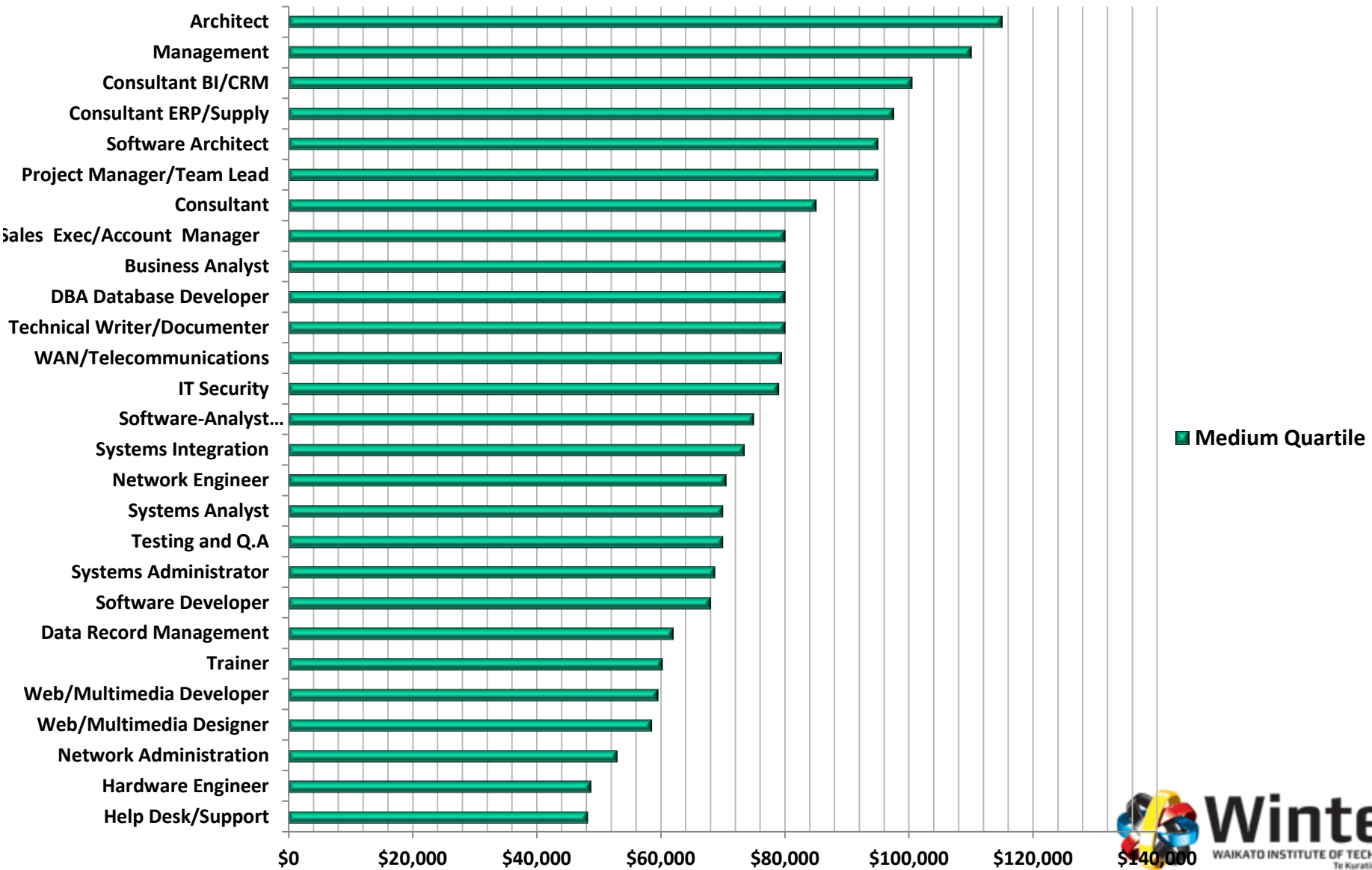
- Java lost almost 1% of its popularity in September
- C will be number one again next month, if this trend continues
- Other observations;
 - Both Objective-C and Transact-SQL score new all time highs
 - Assembly re-entered the top 20
 - Visual Basic.NET gained many places (from #39 to #25)
 - F# had a hard time (from #23 to #46)

Note: The TIOBE Programming Community index is an indicator of the popularity of programming languages. The index is updated once a month. The ratings are based on the number of skilled engineers world-wide, courses and third party vendors. The popular search engines Google, Bing, Yahoo!, Wikipedia, YouTube and Baidu are used to calculate the ratings

Absolute IT Salary Report NZ

Permanent Salary Data

Nov-10 to Aug-11

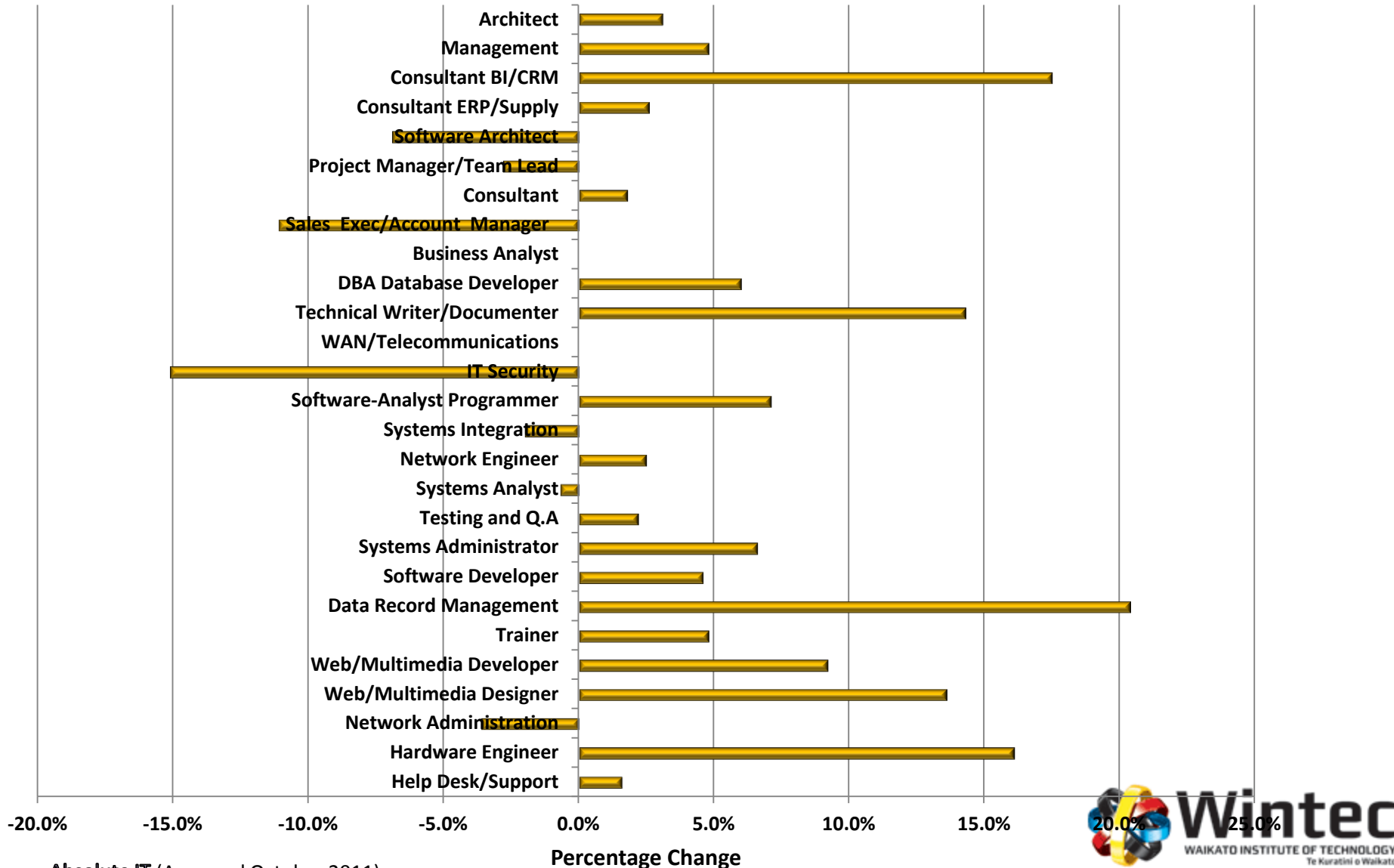


Source: [Absolute IT](#) (Accessed October 2011)

Absolute IT Salary Report NZ

Percentage Change

Nov-10 to Aug-11



Source: [Absolute IT](#) (Accessed October 2011)

ABSOLUTE IT SALARY REPORT

For NZ's ICT Industry

November 2010 – August 2011

Summary of [Absolute IT] Key Findings:

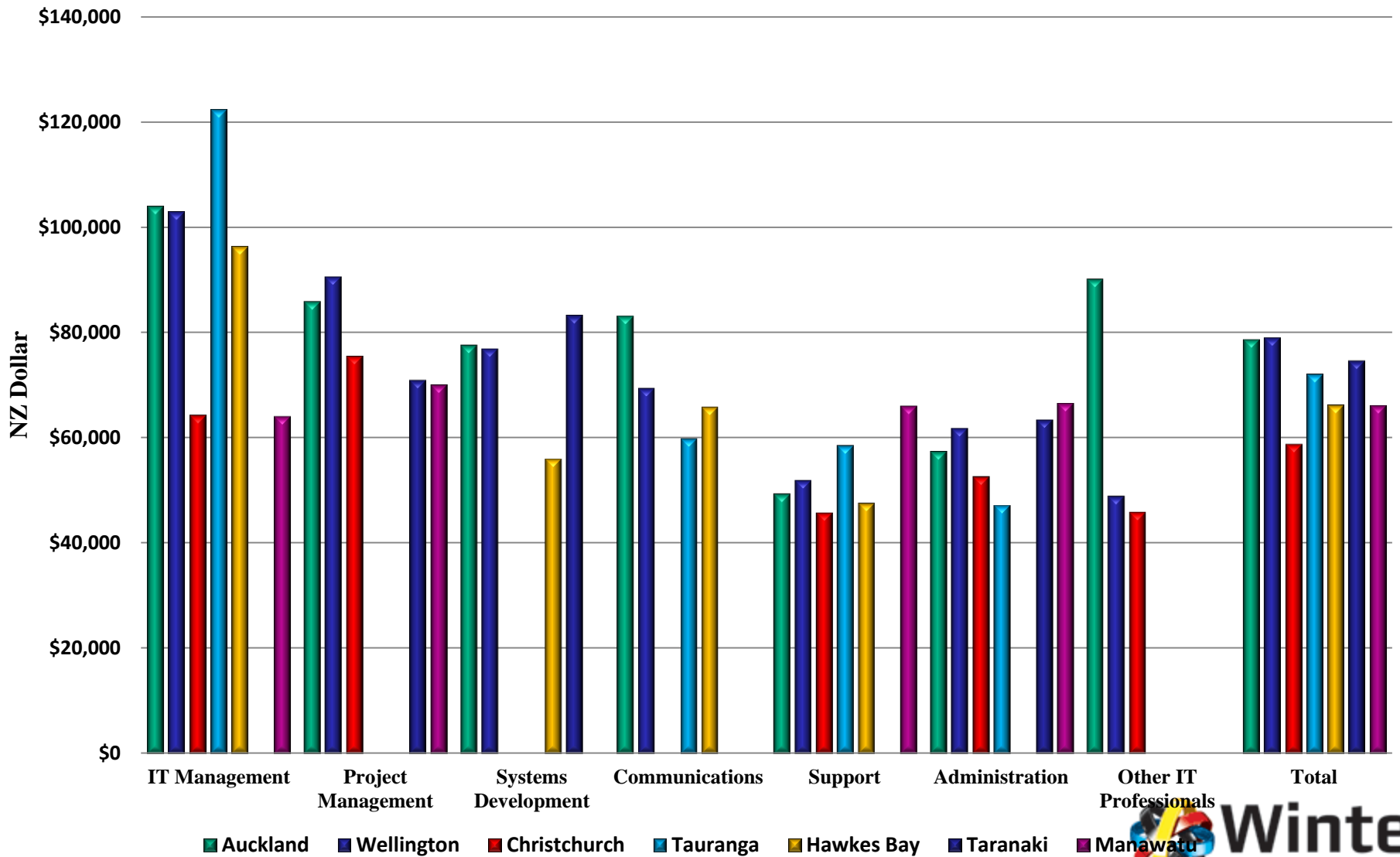
- In the past 9 months
 - Software Development, Testing, Web Developers, and Managers experienced remuneration increases
 - Sales Execs/Account Managers, all levels of Software Architects, IT Security and Network Administration experienced remuneration decreases
 - *17,182 roles are permanent salaries, up by 2,643 salaries
 - *3,348 roles are contract/part-time/casual/Interim rates up by 340
- *Corresponds with the Seek ICT job advert ratio of 80:20

Pay parity in New Zealand's ICT sector:

Still a significant gap with salaried men earning an average of 7.8% more than women, while the average contract hourly rate for men is 12.5% higher than for women

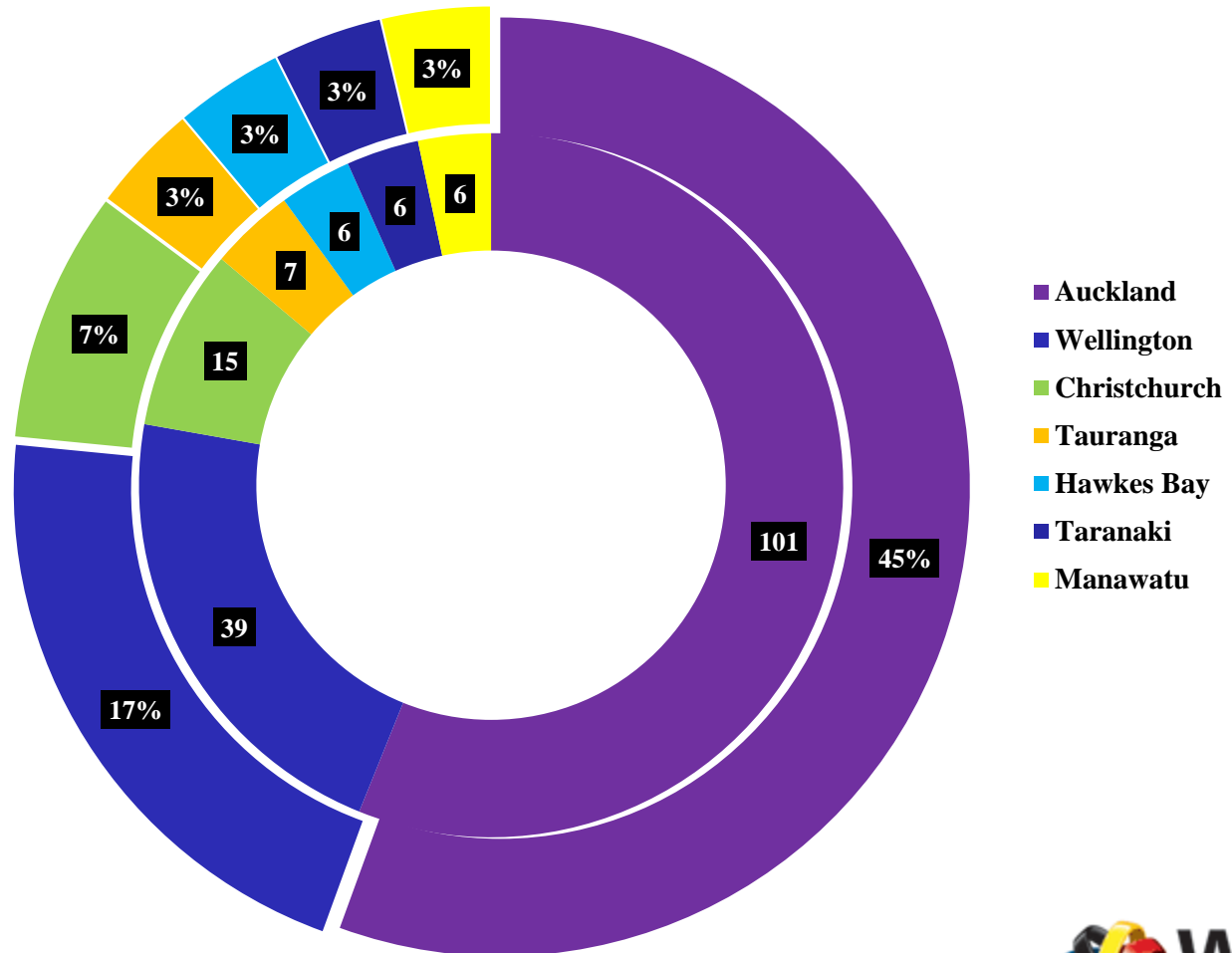
activeTechPros IT Salary & Skills Report 2011 NZ

Annual Salary by Job Function and Region (NZD)

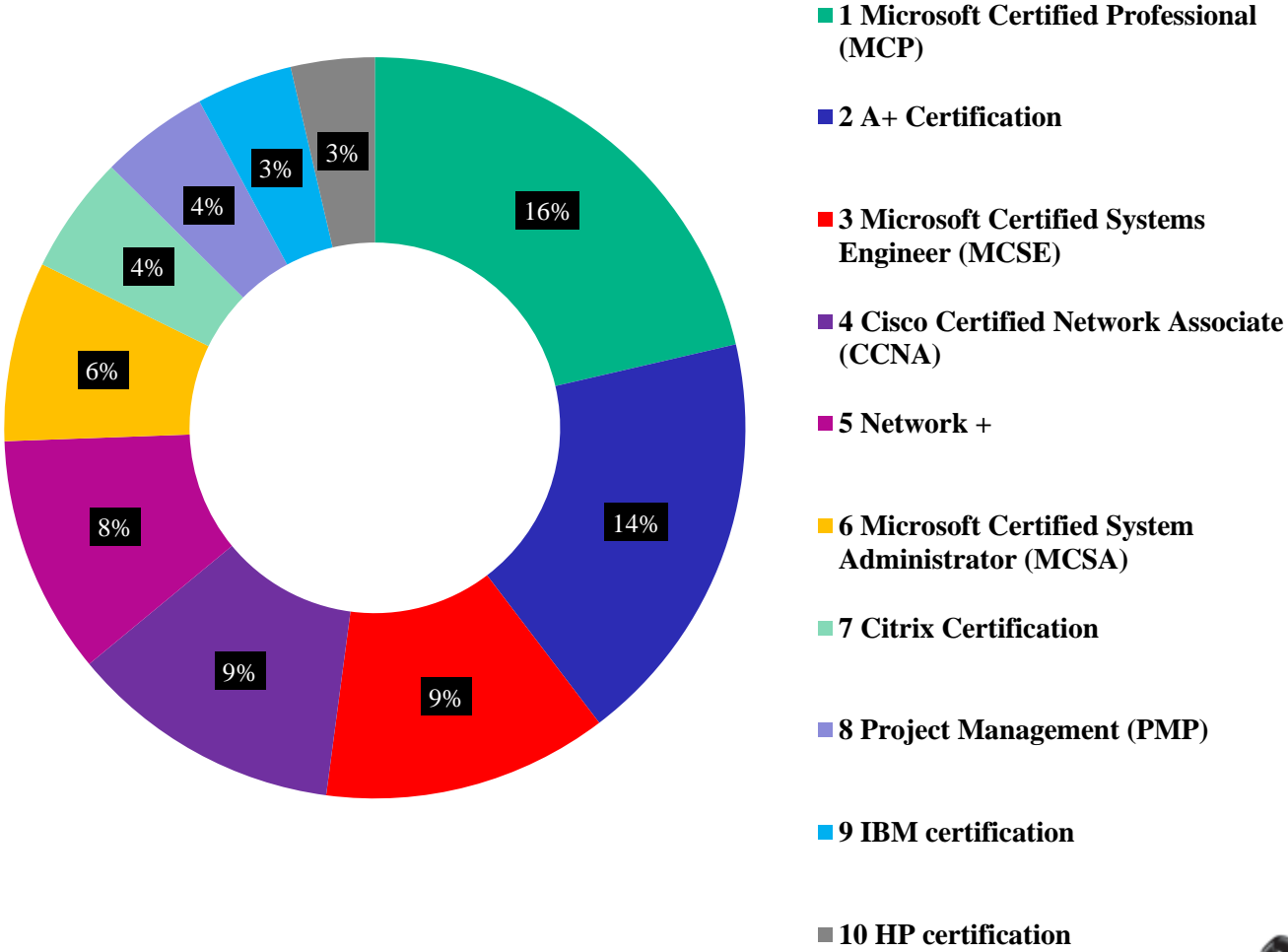


ActiveTechPros IT Salary & Skills Report 2011 NZ

Annual Salary by Job Function & Region (NZD) Number & Percentage of Respondents



Top Ten Professional Certifications Ranking & Percentage of Respondents 2011



Source: [ActiveTechPros](#) (Accessed October 2011)



News Bytes

➤ ICT Industry Confidence:

(http://www.computerworld.com.au/article/364765/ict_industry_faces_skills_shortage_thousands_recruiters/)

- A survey by recruitment firm Hudson finds ICT industry confidence growing 3.9 per cent to 42.7 percent, compared with national two-year low in confidence of just 27.9 per cent across all industries

➤ ICT industry faces skills shortage:

(http://www.computerworld.com.au/article/364765/ict_industry_faces_skills_shortage_thousands_recruiters/)

- The Australian ICT industry is facing a shortfall of 2700 computing professionals, adding to a looming skills shortage
- Retention strategies more important than ever to prevent staff from defecting to competitors. *“There have already been wage increases of between five and ten per cent across the industry with evidence of 20 per cent hikes in Western Australia”*

➤ E-skills UK warns of an alarming 23 percent [33%?] fall in the number of students taking a GCSE in ICT:

(<http://news.idg.no/cw/art.cfm?id=694C893B-1A64-6A71-CE28E47493E0727D>)

- Decline in GCSE numbers was *“especially concerning given the economic importance of IT to the UK economy”*
- *“IT must be taught in a way that is relevant and inspiring to young people, that capitalises on the interests and aptitudes of young people, and that demonstrates the exciting and dynamic opportunities a career in IT offers”*

Conclusion:

- October has seen a small increase of 2% in Seek IT NZ advertised jobs, after a decline for two consecutive months
- Java loses ground this month despite the new version 7 release [*TIOBE*]
- Men earn more than women with median base salary rates for males at \$76,500 compared to \$70,500 for females; and median base hourly contract rates at \$80 for males compared to \$70 for females [*Absolute IT*]
- Architects, Managers and Consultant BI/CRM are the highest paid jobs [*Absolute IT*]
- In NZ, over the past 9 months, remuneration increases occurred for software developers, testing, web developers, and managers [*Absolute IT*]
- Continuing predictions of ICT skills shortages for many countries, including NZ, Australia, the USA and the UK

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