

Each year at ACE we survey our member organisations to provide a credible, reliable and consistent source of information on the remuneration and benefits provided to employees. This comprehensive survey covers corporate services roles and specific technical roles, including engineers, architects, surveyors, planners, project managers, scientists and other consulting occupations and professions.

This year 103 of our members were represented in the responses, along with 65 members of Consulting Surveyors New Zealand. This represents 14,123 consultants, engineers and surveyors in Aotearoa across 71 benchmark jobs, making our report the most credible and reliable source of remuneration information in professional services consulting in New Zealand's built and natural environment.

The survey was conducted during a complex time for our members. The government is investing in infrastructure to rebuild and revitalise the economy while businesses continue to navigate the global skill shortage and the challenge of attracting and retaining the highly skilled people they need to deliver these vital projects. Severe weather events, technological advances and a change of government are having a significant impact on the sector. There are some immediate challenges as well as big picture issues to ensure your organisations can deliver for the future.

Market factors like inflation, legislation changes and talent shortages have had a huge influence over the pay landscape in New Zealand generally over the past two years, and this is reflected in the survey data from our members. However, we know employee recognition and satisfaction isn't influenced by remuneration alone – it's a driver, but the survey shows us that flexible working arrangements, management training and mentoring are highly valued by employees.

The skill shortage is unlikely to disappear any time soon. As we plan today for attracting and retaining talent into the next few years, we need to keep in mind future trends such as the acceleration of machine learning and AI and the skills we'll need in our organisations to thrive in this environment, building culture in an increasingly remote and hybrid work world, and the changing generational landscape. It is predicted that by 2025, Generation Z – a generation that highly values reward and values-alignment – will make up 27% of the workforce. How we engage them at work will need to be different.

In these contexts, I encourage you to review your organisation's employee engagement and reward strategy to check it's still fit-for-purpose in what is becoming an increasingly talent-based economy. Assess if the internal job hierarchy is an accurate, fair and equitable reflection of skill and knowledge requirements, as well as actual accountabilities and responsibilities. Consider if a link between pay and performance is important to your organisation and, if so, make sure it's well understood and embedded within your wider talent framework. And while it's encouraging to see the pay gap has narrowed across a range of roles, it has widened in other roles, showing this is an area we need to keep on top of. The Diversity Agenda and Diversity Accord are driving important behavioural change in this area, and I encourage you to make use of the resources available as we work towards becoming a more equitable, diverse and inclusive sector.

By sharing this summary report, we encourage you to use it as a valuable tool to drive employee recognition, engagement and satisfaction in what is a competitive market. For any member firm that wants the full report, the best way to get this is to participate in our Strategic Pay survey next year – participating firms get access to all the data. If your firm didn't participate and are still interested in a copy of this year's report, get in touch.

Helen Davidson

Chief Executive, ACE New Zealand



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Salary increases and market movements

In the general market including both the public and private sector, overall market movements for median fixed remuneration¹ levels ranged from 3.6% at senior management level to 5.5% at the general staff level.

ACE and CSNZ members are reporting more varied movements, ranging from 1.2% at senior management level to 10.2% at the general staff level.

The prediction from the 2022 report that strong increases in salaries and wages were expected to continue appears to have been correct. However, the data shows that these increases are not being evenly distributed across all career levels.

Year	Grade range 6 – 25 All Staff	Grade range 6 – 12 General Staff	Grade range 13 – 20 Specialist / Technical	Grade range 21 – 25 Senior Management / CEO small org
2019 – 2020	0.4%	0.3%	0.9%	-0.4%
2020 – 2021	1.4%	1.9%	1.2%	1.2%
2021 – 2022	4.7%	6.7%	4.5%	2.9%
2022 – 2023	5.1%	10.2%	3.8%	1.2%

See Appendix for remuneration trends by staff category and benchmark position 2022 to 2023.

What's the forecast for salary increases?

Member organisations are forecasting median salary increases of 5%, the same forecast reported in 2022 and on par with organisations in the general market.

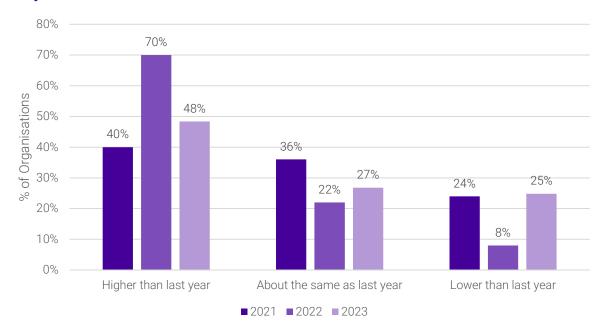
Staff level	Median	Average	Range
CEO	4.0%	3.3%	0% - 7.0%
Senior Executives	5.0%	4.5%	0% - 11.0%
Professional Staff	5.0%	4.8%	0% - 10.0%
Other Staff	5.0%	4.7%	0% - 8.0%
Overall	5.0%	4.8%	0% - 12.5%

When we compare this year's salary increases with those in the previous two years, there's a significant decrease in the proportion of organisations providing salary increases that were higher than last year, reducing to 48% compared to 70% last year.

¹ Median fixed remuneration is base salary plus fixed or proportioned benefits such as vehicles, allowances, additional leave, service payments, superannuation contributions and the employer's contribution to KiwiSaver.



Salary increases



What's driving salary increases?

Seventy percent of organisations use a formal performance appraisal system to assess employee performance (down from 79% last year), and of those 92% inform employees of the relationship between performance and pay. Ninety percent of organisations vary the level of the salary increase according to performance.

Of the organisations that don't have a performance appraisal system in place, 47% are considering implementing one.

Salary increases based on	CEO	Senior Management	Middle Management / Specialist	Other Staff
Sample size	108	140	145	155
Market Data	78%	81%	83%	82%
Performance	70%	84%	92%	90%
Affordability	51%	53%	52%	54%
Cost of Living (CPI)	49%	55%	61%	65%
Tenure	14%	16%	19%	19%
Union Agreements	-	-	1%	1%
Other	7%	7%	6%	6%

Note: Each staff level totals more than 100, because most organisations consider a combination of factors in determining the level of increase.

Performance and market data are consistently reported as the most common drivers for salary increases within member organisations, followed by affordability and cost of living.





Benefits

Seventy-two percent of employees are receiving employer contributions to KiwiSaver, with the majority of respondents having policies that provide a flat 3% employer contribution. The percentages of employees receiving benefits other than KiwiSaver are as follows:

At what level are benefits allocated?

There are some interesting shifts in benefits offered this year compared to last year. The percentage of firms offering health insurance, death and disability insurance and income protection insurance have all significantly decreased (these were 38%, 42% and 28% in 2022).

There's a drop in the use of professional association fees (92% in 2022 down to 72% in 2023), airline club (40% down to 16%), subsidised gym (11% down to 8%), flu vaccinations (86% down to 64%) and EAP (63% down to 46%).

There's also a significant drop in the percentage of firms offering education subsidies, down from 70% in 2022 to just 29% this year.

Benefit	% of total organisations	CEO	Senior management	Middle management / specialist	General staff
Insurances					
Health insurance	35%	33%	30%	30%	28%
Death and disability insurance	30%	25%	17%	13%	12%
Income protection insurance	18%	15%	12%	10%	10%
Telecommunications					
Mobile phone	67%	57%	56%	54%	37%
Mobile phone plan contribution	34%	16%	22%	23%	27%
Home telephone rental	13%	13%	3%	2%	1%
Home internet	20%	16%	9%	2%	1%
Memberships and discounts					
Professional association fees	72%	60%	66%	66%	58%
Airline club	16%	13%	11%	8%	-
Subsidised gym	8%	5%	6%	7%	6%
Staff discounts	11%	10%	11%	10%	11%
Expense allowance	16%	13%	14%	15%	12%
Service payment	6%	5%	6%	5%	6%
Health and wellbeing benefits					

Benefit	% of total organisations	CEO	Senior management	Middle management / specialist	General staff
Flu vaccinations	64%	57%	62%	61%	64%
Employee Assistance Programme (EAP)	46%	43%	45%	45%	46%
Wellbeing allowance	16%	15%	15%	15%	15%
Onsite gym, massage, fitness classes	5%	4%	5%	5%	5%
Education					
Education Subsidies / Full Reimbursement	29%	16%	25%	26%	26%
Study Allowance	27%	13%	16%	20%	25%

How have incentives changed?

Participants were asked if they have made any changes to incentives in the past 12 months and how they are provided. Responses were submitted by 128 organisations and 57% of those stated no changes have been made.

The remaining 43% indicated changes of some kind have been made in the past 12 months, with most changes relating to bonuses or profit share schemes. The changes made by organisations in the past 12 months are:

Bonus / profit share

- Bonus scheme introduced
- Employee health and wellbeing bonus
- Profit share scheme for non-shareholders
- Removed annual bonus and added value to salaries
- Sign on bonus for new employees
- Employee referral bonus
- Discretionary bonus pool for high performers, paid out every month
- Anniversary bonus
- Long service bonus

Leave

- Additional paid leave
- Special leave as part of remuneration package

Allowances

- Increases to wellbeing allowances
- Increases to working away food allowances
- Vehicle allowance

Other

- Nine-day fortnight
- Introduced an employee referral scheme
- Enhanced wellness benefits
- More flexibility with working from home
- Increased KiwiSaver employer contributions

Vacancies

The skills shortage continues to be top of mind for our members, with the percentage of firms reporting vacancies remaining high.

The average number of vacancies for Professional Engineer roles has decreased from 6.5 last year to 5.5 this year. However, it has become more difficult to fill those vacancies with 12% of organisations reporting their vacancies were easy to fill this year, down from 21% in 2022. Sixty-six percent of organisations reported vacancies in graduate engineer roles with the average number of vacancies being 4.7. Only 60% of firms said these roles were easy to fill.

Fifty-five percent of organisations reported vacancies in professional surveyor roles and 48% reported vacancies for graduate surveyor roles. Only 23% reported it was easy to fill graduate surveyor roles and 14% reported it was easy to fill professional surveyor roles.

This tells us the option of international recruitment is more important than ever. This year, with funding from the Construction Sector Accord, we teamed up with New Zealand Story and other associations to develop a set of campaign assets that construction and infrastructure firms can use for free in their advertising to attract talent to New Zealand. The assets are based on empathy research that effectively target different audiences. The resources are available here and firms can also join a collaborative campaign for better reach into international markets and reduced marketing costs here.

	Did you have any vacancies?		How many	vacancies?	Was it ea	sy to fill?
Job category	Sample size	% organisations with vacancies	Sample size	Average number of vacancies	Sample size	% yes
CAD Draughtsperson	82	50%	40	2.3	39	41%
Technicians	75	49%	35	2.5	37	49%
Graduate Surveyors	67	48%	27	1.7	31	23%
Graduate Engineers	80	66%	51	4.7	53	60%
Professional Surveyors	67	55%	34	1.4	36	14%
Professional Engineers	96	80%	70	5.5	73	12%
Specialist	63	59%	30	3.6	34	18%
Management Level	61	48%	26	2.0	28	18%
Senior Management	61	44%	25	1.3	25	20%
Support Staff	76	70%	51	2.7	51	59%

Which roles are the hardest to fill?

Participants were asked to identify their top three disciplines experiencing a skills shortage and 70% of organisations listed at least one discipline – of those, 64% listed a second discipline and 41% listed a third discipline in demand.

While nearly all disciplines were identified by at least one organisation as being in demand, the table below lists the top nine disciplines experiencing skills shortages.

Discipline	Percentage of organisations reporting skill shortage
Civil	45%
Land Surveyors	40%
Structural	36%
Geotechnical	18%
Environmental / Water	17%
Planners	12%
Fire	9%
Project Management (Professional)	6%
Transport / Traffic / Rail	6%

The highest increase in perceived skills shortage is seen in Graduate Engineers with an increase from 41% in 2022 to 60% this year. CAD Draughtsperson decreased from 84% last year to 76% this year.

This table shows the perception of skills shortage in the engineering market for each job category.

Job category	Do you think there is a skills shortage in the market place?		ottropting the right okille for		Was the new employee's salary offer in line with current employees pay in the same role?	
	Sample size	% yes	Sample size	Average rating out of 5	Sample size	% yes
CAD Draughtsperson	38	76%	35	3.9	33	85%
Technicians	36	81%	32	3.4	29	86%
Graduate Surveyors	31	71%	29	4.0	23	91%
Graduate Engineers	53	60%	50	3.7	42	93%
Professional Surveyors	33	97%	32	3.4	19	84%

Professional Engineers	71	93%	69	3.1	56	84%
Specialist	32	91%	28	3.0	26	96%
Management Level	28	89%	25	3.5	23	78%
Senior Management	26	88%	25	3.2	21	71%
Support Staff	51	43%	48	3.9	42	93%



Workforce planning

The skills shortage remains a difficult challenge for our industry so managing retention is critically important to keep key staff, maintain business continuity and keep recruitment and training costs down.

Compared to last year, fewer organisations are paying premiums this year or offering higher salaries to new employees. This year, the most common approaches to attract and retain staff for "key" or "difficult to fill" positions are the same as last year: flexible working arrangements, a relocation allowance and mentoring.

Twenty-six percent of organisations report having some form of workforce plan or analytics in place to understand their workforce requirements and skills (down from 38% last year). Approaches include:

- Workforce plan developed from vacancies and /or likely staff turnover
- Factoring strategic plan, goals for expansion, key areas of growth
- Internal skills database
- Completing a skills / competency matrix
- Project management software and analytics tools
- Career planning tool as part of an annual appraisal system that measures required skills and tracking
- Map of succession planning
- Reviewing / monitoring trends in actual hours worked to identify need for increased employee numbers
- Identifying gaps in skills and arranging appropriate training and/or recruitment

Thirteen percent of organisations without a workforce plan are looking at implementing one in the next 24 months.

Are specific roles being paid premiums?

Overall, there is a low incidence of organisations paying premiums this year, with the highest percentage of premiums paid for Senior Managers, Advanced Specialists and Business Development Managers. The table below shows the percentage of respondents that pay a premium for industry specific roles.

Job category	Organisations paying premiums
Trainee CAD Operator / Cadet (ENG101)	8%
CAD Operator (ENG102)	-
CAD / Draughtsperson (ENG103)	4%
Senior CAD / Draughtsperson (ENG104)	10%
CAD / Drawing Operations Supervisor / Manager (ENG105)	7%
Trainee Technician / Cadet (ENG106)	8%
Technician (ENG107)	5%
Senior Technician (ENG108)	6%
Technician Supervisor / Manager (ENG109)	-
Graduate Surveyors 1 - 4 Years	6%

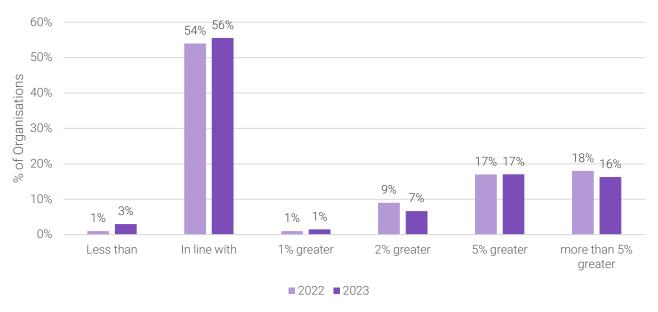
Graduate Surveyors 1 – 4 Years (ENG110 – ENG113)	8%
Professional Surveyors	11%
Professional (ENG114)	11%
Mid-level Professional (ENG130)	13%
Senior Professional (ENG115)	11%
Manager (ENG116)	11%
Intermediate Manager (ENG117)	12%
Senior Manager (ENG135)	19%
Specialist (ENG118)	12%
Senior Specialist (ENG140)	13%
Advanced Specialist (ENG119)	17%
Business Development Manager (ENG120)	17%
Business / Regional Manager (ENG121)	14%

Are new employees getting paid higher salaries?

In the past six months, more than half of respondents have offered salaries to new employees that were in line with current or previous employee's pay in the same role. Seventeen percent have offered salaries that were 5% higher and 16% have offered salaries that were more than 5% higher than the current or previous employee's salary.

Compared to 12 months ago, there is a slight decrease in organisations offering salaries to new employees that are more than 5% higher than the current or previous employee's salary. There is a corresponding increase in organisations that are offering salaries in line with the current or previous employee's pay in the same role.

New employee salary





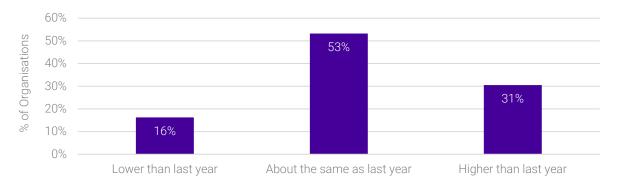
Staff turnover - are more employees heading overseas?

The average employee turnover of all staff in the past 12 months, as a percentage of total employee numbers for ACE New Zealand and Consulting Surveyor New Zealand members, is 19%. The table below details the average number of employees that have left, either voluntarily or involuntarily in the past 12 months.

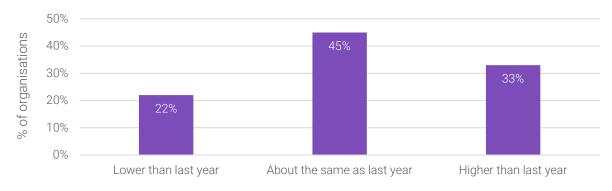
Salary and wage bill	Total staff turnover	Voluntary turnover	Involuntary turnover
Senior Management	0.7	0.8	0.3
Middle Management / Specialist	2.8	3.3	0.7
General Staff	9.3	10.0	2.5

Participants were asked to provide details of employee turnover for the past 12 months in relation to the previous year and for the past six months in relation to the previous 12 months. Results indicate employee turnover has decreased slightly, with fewer organisations reporting employee turnover is higher than in the previous year and the previous six months.

Past 12 months turnover compared to previous year



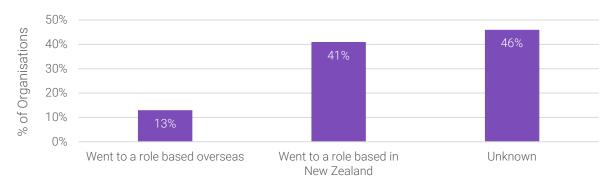
Past 6 months turnover compared to previous year



Sixty-five percent of organisations provided details of the total number of employees that have left in the past 12 months, broken down into how many left for roles based overseas or based in New Zealand (if this information was known). This year, 13% of employees are known to have left to go to roles that were based overseas, an increase from 6% in 2022 and 4% in 2021.

Unless organisations have a robust exit process in place, it can be difficult to determine why employees have decided to move to a different role, which can be seen in the above graph, with 46% of organisations not aware of where the employee has gone.

Previous employees



Are overall staff numbers expected to grow?

Respondents were asked to comment on patterns in terms of overall staff numbers. The graph shows figures from last year and expected statistics for next year, indicating the majority of organisations are expecting to grow.

Patterns in overall staff numbers



How are organisations attracting and retaining staff?

Sixty-three percent of organisations indicated they use at least one of the listed approaches to attract and retain staff for key or difficult to fill positions.

The most common approach to attract and retain staff for key or difficult to fill positions continues to be flexible working arrangements, however this has dropped from 84% last year to 49% this year.

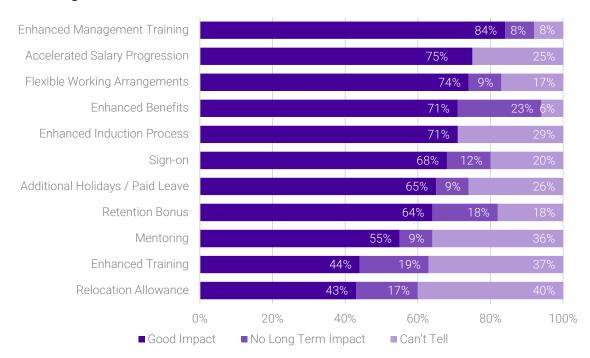
Approach	% of organisations using
Flexible Working Arrangements	49%
Relocation Allowance	35%
Mentoring	24%
Sign-on	23%
Additional Holidays / Paid Leave	20%
Enhanced Training	17%
Enhanced Benefits	13%
Enhanced Management Training	10%
Accelerated Salary Progression	9%
Retention Bonus	9%
Enhanced Induction Process	6%

Effectiveness of approach

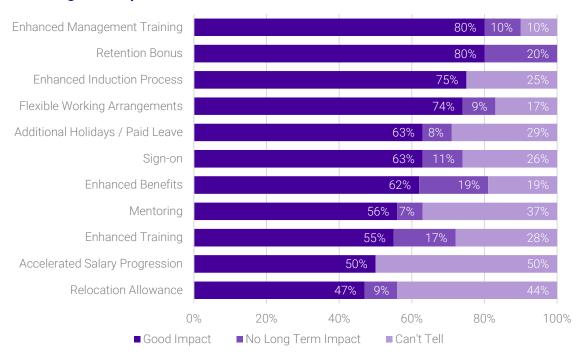
Firms reported the most effective approach to retaining staff was enhanced management training. For senior management and general staff, the second most effective approach was accelerated salary progression, and for middle management and specialists this was a retention bonus.

These graphs show three different employee levels and illustrate the effectiveness of each approach to retention.

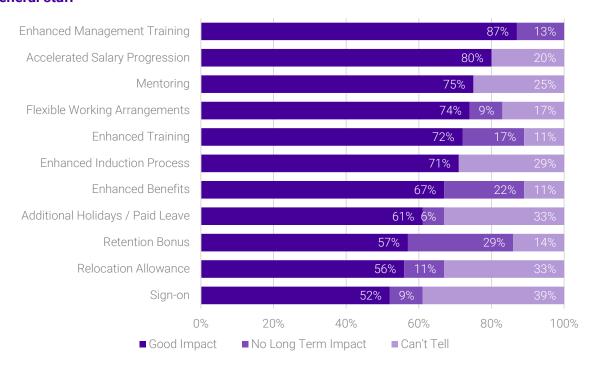
Senior management



Middle management/specialist



General staff



Other approaches used for retention and attraction include:

- Shareholding opportunities
- Additional parental leave
- Reduced working week
- Wellbeing allowance/vouchers
- Lots of social events to celebrate
- Employer of the Year award
- Paid overtime
- Employee referral programme/bonus
- Professional development

Retention - specific roles

The table below shows the percentage of organisations that have experienced retention issues over the past 12 months and the percentage of organisations with tools to aid retention.

Job category		retention issues with t staff?	Do you have specific retention tools?		
J ,	Sample size	% yes	Sample size	% yes	
CAD Draughtsperson	81	19%	49	43%	
Technicians	78	17%	45	36%	
Graduate Surveyors	62	27%	36	50%	
Graduate Engineers	82	32%	49	57%	
Professional Surveyors	59	24%	39	49%	
Professional Engineers	89	51%	60	53%	
Specialist	66	26%	35	46%	
Management Level	70	10%	37	43%	
Senior Management	72	8%	38	53%	
Support Staff	78	17%	45	42%	

Attraction - specific roles

The table below shows the percentage of organisations with specific attraction tools in hiring new staff.

Job category	Do you have speci	ific attraction tools	Do you offer bonus or incentive schemes?		
cos category	Sample size	% yes	Sample size	Average rating	
CAD Draughtsperson	53	38%	52	46%	
Technicians	48	31%	48	48%	
Graduate Surveyors	37	41%	34	44%	
Graduate Engineers	51	47%	54	56%	
Professional Surveyors	37	43%	35	46%	
Professional Engineers	63	54%	35	46%	
Specialist	37	51%	42	62%	
Management Level	38	39%	41	59%	
Senior Management	38	45%	43	60%	
Support Staff	48	38%	50	50%	

How much is spent on training for existing staff?

Seventy percent of organisations have plans and/or processes in place to train or upskill existing staff to meet the skills gaps in their organisation over the next 12 months, about the same as last year. However, training budgets have decreased. The median training budget per employee is \$1,000 (compared to \$1,235 last year) and the average training budget per employee is \$1,439 (compared to \$2,306 last year). The chart shows the median and average percentage of total training budget allocated by organisations at each employee level.

Allocation of training budget



What do firms offer when an employee achieves CPEng?

Thirty-seven percent of organisations have a policy of increasing an employee's base salary when they achieve CPEng (down from 67% last year) with the median increase being 10% of base salary. Some organisations indicate they increase an employee's base salary by a set dollar value ranging from \$800 to \$15,000.

Six percent of organisations report they pay a bonus on achievement of CPEng. Of those organisations, 86% pay a bonus based on a set dollar value. These values range from \$5,000 to \$10,000. Three percent of organisations provide both a bonus and a base salary increase on achievement of CPEng.

CPEng policy	% of organisation	Median % of base salary	Median set dollar value
Pay a bonus	6%	-	\$5,000
Increase base salary	37%	10%	\$7,000

Do all firms have a working from home policy?

Sixty-four percent of organisations currently have a working from home policy, up from 60% last year. Working from home allowance continues to be uncommon with only a small number of organisations reporting they provide this benefit to employees.

It's interesting to note significant decreases across all job categories in the percentage of firms allowing staff to work from home regularly or on a limited basis compared to last year. This suggests that in the post-COVID 19 environment, firms prefer to have their staff back together in the office, whether that is for productivity, engagement, company culture or other reasons. It's also in line with a <u>recent study by CBRE New Zealand</u> that showed engineering and professional services firms were far more likely to occupy their offices compared with other sectors, with 70% office utilisation across a typical work week, compared with 59% Kiwi average. The tables below show the percentage of organisations providing working from home options to each job category. Other working from home policies, provisions or conditions include:

- Operate flexible working environments that allow for working from home
- At manager discretion based on needs and wants of the employee, team and role
- Informal / ad-hoc arrangements primarily in the office and working from home occasionally (for sickness, family, other reasons)
- Employees can work from home if they need to but are encouraged to work from the office
- Permitted on the basis the employee is not required in the field

Positive outcomes observed by organisations include:

- Improved staff wellbeing with work / life balance and fewer sick days
- Attraction and retention of employees
- Reduced office costs
- In some cases, productivity has increased
- Employees feel trusted
- Saving of time and money with reduced commuting time
- Reduced spread of mild illnesses (common colds)
- Mitigates the relocation barrier

Negative outcomes observed by organisations include:

- Reduced productivity resulting in an increased need for check-ins and extra communication around availability and location
- Difficulties with integrating and training new or junior staff
- Too much flexibility and/or irregular working from home days creates an unjustifiable expense for the office space
- Negative impact on office culture team cohesion, connection, working relationships
- A very small percentage of staff who find it difficult to be motivated / fully engaged when working from home
- Reduction in efficiency and more time being spent on projects
- Slower interactions between employees and clients and between staff
- Reduced communication and teamwork
- Lack of senior representation within the office to support the junior staff or graduates
- Reduced on the job learning and knowledge transfer



	Job categories					
Options	Support Staff	CAD Draughtsperson	Technician	Grad Surveyors	Grad Engineers	
Can work from home regularly	17%	14%	9%	5%	13%	
Equipment supplied	12%	12%	9%	2%	8%	
Limited days at home per week (organisation wide policy)	9%	8%	8%	4%	8%	
Limited days at home per week (at manager's discretion)	14%	14%	8%	6%	13%	
Unlimited days at home per week (organisation wide policy)	1%	2%	2%	1%	2%	
Unlimited days at home per week (at manager's discretion)	5%	6%	5%	2%	5%	
Other provisions or conditions	9%	8%	6%	2%	6%	

	Job categories					
Options	Professional Surveyors	Professional Engineers	Specialists	Management Level	Senior Management	
Can work from home regularly	10%	20%	15%	18%	20%	
Equipment supplied	5%	15%	9%	13%	14%	
Limited days at home per week (organisation wide policy)	5%	10%	9%	7%	9%	
Limited days at home per week (at manager's discretion)	8%	16%	10%	11%	12%	
Unlimited days at home per week (organisation wide policy)	1%	3%	2%	3%	3%	
Unlimited days at home per week (at manager's discretion)	3%	8%	6%	5%	6%	
Other provisions or conditions	5%	10%	7%	8%	9%	

What's on offer for work/life balance?

Sixty-seven percent of organisations offer some form of work/life balance benefit (down from 95% last year). The table shows the percentage of organisations offering each initiative across staff categories and the average percentage of employees utilising the initiative. While some organisations offer job-share, no organisation has employees utilising this offering.

	Senior Management		Middle Management / Specialist		General Staff	
Work / life balance initiative	Initiative available	Average % utilising initiative	Initiative available	Average % utilising initiative	Initiative available	Average % utilising initiative
Working from home	84%	57%	71%	54%	79%	51%
Flexible hours	81%	64%	72%	60%	85%	57%
Part-time work	64%	14%	62%	15%	86%	20%
Job-share	67%	-	67%	-	56%	-

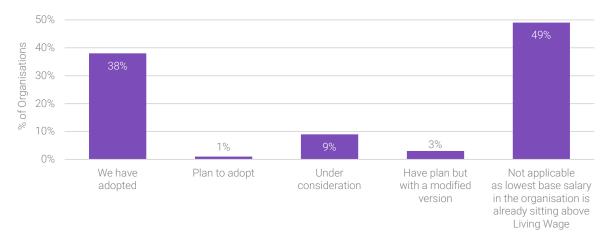
Other work / life balance initiatives utilised by organisations include:

- Choice of time in lieu or overtime
- Compressed work week or fortnight nine-day fortnight, 9.5 day fortnight, four-day week
- Flexible start and finish times, as well as choice in days of work
- New parents can work from home to support their partners
- Wellbeing benefits and initiatives

What's the industry position on the living wage?

For almost half of organisations, the living wage is not applicable as employee base salaries are already higher than the current living wage. A further 38% of organisations have adopted a living wage approach to setting base salaries for employees.

Living wage





Diversity and inclusion

At ACE New Zealand we value diversity and inclusion and the benefits these bring to our organisations and our sector. Giving attention to the diversity of our workforce, and the inclusivity of our firms, is not only the right thing to do, but also what we need to do to ensure a sustainable sector and strong businesses into the future. That's why better understanding of our workforce and creating pathways for participation and growth, to create equitable and inclusive cultures where everybody thrives, and to build a network of champions advocating for diversity and inclusion, is so crucial.

You can find our Diversity and Inclusion Policy on our website. We are a partner of The Diversity Agenda along with Engineering New Zealand and Te Kāhui Whaihanga New Zealand Institute of Architects.

Whatever stage of the journey your organisation is at regarding diversity, equity and inclusion, The Diversity Agenda is a valuable source of insights, events, tools and connections that can help you build and maintain professional credibility in this area. The Diversity Agenda shares information on best practice so you can ensure your organisation is an attractive place for women, Māori, Pacific People, LGBTQIA+, those who identify with disabilities and neurodiversity, and other minority groups. By becoming a member, you join a network of engineering and architecture firms committed to driving change, and you also show your current and prospective employees that you take diversity and inclusion seriously. Find out more at diversityagenda.org.

How old is our workforce?

Organisations were asked to identify the age group presenting the majority and minority of staff at each level. The table below shows the **majority** age group per each job category/level.

Job category	19 - 25 years old (% of organisations)	26 - 45 years old (% of organisations)	46 - 55 years old (% of organisations)	56 - 65 years old (% of organisations)	65+ years old (% of organisations)
CAD Draughtsperson	9%	62%	19%	8%	2%
Technicians	20%	57%	10%	10%	3%
Graduate Surveyors	74%	24%	2%	-	-
Graduate Engineers	80%	20%	-	-	-
Professional Surveyors	-	65%	26%	7%	2%
Professional Engineers	2%	82%	14%	2%	-
Manager	1%	49%	37%	10%	3%
Specialist	-	56%	24%	14%	6%
General Manager	1%	30%	39%	30%	-

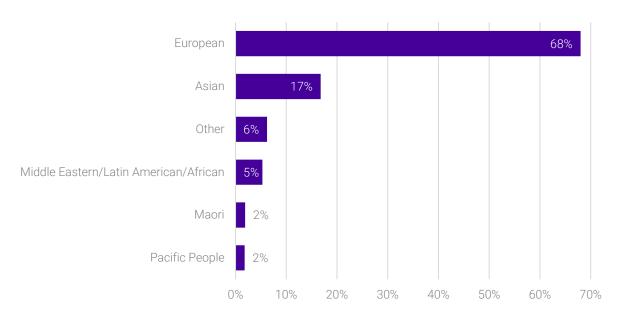
The table below shows the **minority** age group per each job category/level.

Job category	19 - 25 years old (% of organisations)	26 - 45 years old (% of organisations)	46 - 55 years old (% of organisations)	56 - 65 years old (% of organisations)	65+ years old (% of organisations)
CAD Draughtsperson	18%	30%	20%	13%	19%
Technicians	20%	27%	13%	13%	27%
Graduate Surveyors	24%	43%	9%	5%	19%
Graduate Engineers	21%	45%	10%	3%	21%
Professional Surveyors	9%	18%	23%	18%	32%
Professional Engineers	21%	16%	24%	17%	22%
Manager	14%	31%	21%	16%	18%
Specialist	15%	26%	26%	10%	23%
General Manager	20%	28%	16%	20%	16%

What's the ethnic makeup of our workforce?

Despite Māori making up 17% of the New Zealand population and Pacific People 8%, they are not well represented in our workforce – both sitting on 2%. Last year Māori and Pacific People each made up 5% of our workforce, so we have returned to 2021 levels. The chart below shows the average distribution of ethnicity across 108 respondents.

Average percentage of ethnicity in organisation



Have we closed the gender pay gap yet?

No, we haven't. The Diversity Agenda's goal is that firms will close the gender pay equity gap to within +/- 1%, and for organisations wanting help on how to do this, watch our webinar with the Equal Pay Taskforce. There are some positive signs we are getting there – jobs with improved pay gaps this year are Senior CAD / Design Draughtsperson, Technician, Graduate - Entry, Graduate 2nd Year, Graduate 3rd Year, Graduate 4th Year, Professional, Mid-Level Professional, Manager, Intermediate Manager, Senior Manager and Senior Specialist.

This year's data includes concerning pay gaps for Digital Specialist (23%), BIM technician (24%) and GIS Analyst (12%). This tells us men are being paid significantly more than women and we urge you to investigate these gaps within your firms and take action accordingly.

The pay gap in Technician Supervisor/Manager sees the greatest increase in pay gap, indicating men are being paid significantly more than women. In the Graduate 4th Year and Manager roles, women are now being paid slightly more than men, where historically men have been paid more.

Jobs where the pay gap has widened (by more than a 1% difference) this year include: CAD / Design Draughtsperson, Trainee Technician / Cadet and Technician Supervisor / Manager.

Job code	Job category	Total gender sample size (Female and Male)	% Female	% Male	Base salary % bias to Male
ENG101	Trainee CAD Operator / Cadet	31	32%	68%	1%
ENG102	CAD Operator	56	27%	73%	-4%
ENG103	CAD / Design Draughtsperson	113	38%	62%	3%
ENG104	Senior CAD / Design Draughtsperson	201	25%	75%	6%
ENG105	CAD / Drawing Operations Supervisor / Manager	98	17%	83%	5%
ENG106	Trainee Technician / Cadet	109	23%	77%	3%
ENG107	Technician	169	17%	83%	-3%
ENG109	Technician Supervisor / Manager	225	25%	75%	7%
ENG110	Graduate - Entry	376	41%	59%	0%
ENG111	Graduate 2nd Year	289	35%	65%	0%
ENG112	Graduate 3rd Year	350	39%	61%	3%
ENG113	Graduate 4th Year	232	39%	61%	-1%
ENG114	Professional	759	40%	60%	0%
ENG130	Mid-level Professional	647	33%	67%	2%

ENG115	Senior Professional	837	32%	68%	4%
ENG116	Manager	482	24%	76%	-1%
ENG117	Intermediate Manager	281	21%	79%	0%
ENG135	Senior Manager	310	17%	83%	0%
ENG118	Specialist	611	20%	80%	3%
ENG140	Senior Specialist	543	16%	84%	0%
ENG119	Advanced Specialist	412	12%	88%	5%
ENG191	Digital Specialist	29	24%	76%	23%
ENG120	Business Development Manager	53	21%	79%	3%
ENG121	Business / Regional Manager	78	9%	91%	-2%
ENG175	CAD Designer	39	15%	85%	3%
ET98	Graduate - Entry Quantity Surveyors	11	45%	55%	0%
TR36	BIM Technician	24	21%	79%	24%
ICT1014	GIS Manager	11	45%	55%	1%
ICT1016	GIS Analyst	17	35%	65%	12%

Pay bias 2018 to 2023

The table shows the percentage of pay in bias of men at base salary for 2018 to 2023. It's important to remember that the percentage pay gap can be volatile when there are smaller sample sizes, either the total gender sample or the proportion of women in the sample.

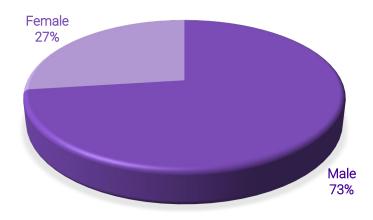
Benchmark job	2018	2019	2020	2021	2022	2023
CAD Operator	-3%	6%	8%	6%	-4%	-4%
CAD / Design Draughtsperson	2%	-1%	-1%	2%	1%	3%
Senior CAD / Design Draughtsperson	12%	10%	3%	7%	8%	6%
Trainee Technician / Cadet	-9%	-5%	-1%	-2%	1%	3%
Technician	-5%	1%	-1%	2%	5%	-3%
Technician Supervisor / Manager	10%	3%	-4%	2%	1%	7%
Graduate - Entry	1%	-1%	0%	-1%	2%	0%
Graduate 2nd Year	0%	0%	1%	0%	1%	0%
Graduate 3rd Year	1%	1%	1%	1%	4%	3%
Graduate 4th Year	1%	1%	4%	1%	1%	-1%
Professional	2%	3%	1%	1%	2%	0%
Mid-level Professional	2%	0%	1%	2%	3%	2%
Senior Professional	3%	4%	4%	5%	4%	4%
Manager	4%	1%	1%	5%	2%	-1%
Intermediate Manager	6%	3%	4%	0%	3%	0%
Senior Manager	1%	6%	4%	8%	5%	0%
Specialist	7%	5%	4%	2%	2%	3%
Senior Specialist	5%	4%	3%	4%	1%	0%
Advanced Specialist	3%	3%	6%	3%	5%	5%



What's the gender split in our workforce?

The chart shows the gender population across benchmark job codes specific to the ACE New Zealand and Consulting Surveyors New Zealand industry (this excludes corporate and support roles).

Gender population



How do organisations support gender equity?

Twenty percent of organisations report they have a policy around gender equity (a drop from 31% last year) with respondents indicating roles are remunerated based on qualifications, merit and experience as well as equal opportunities for both genders.

Organisations also support gender equity by:

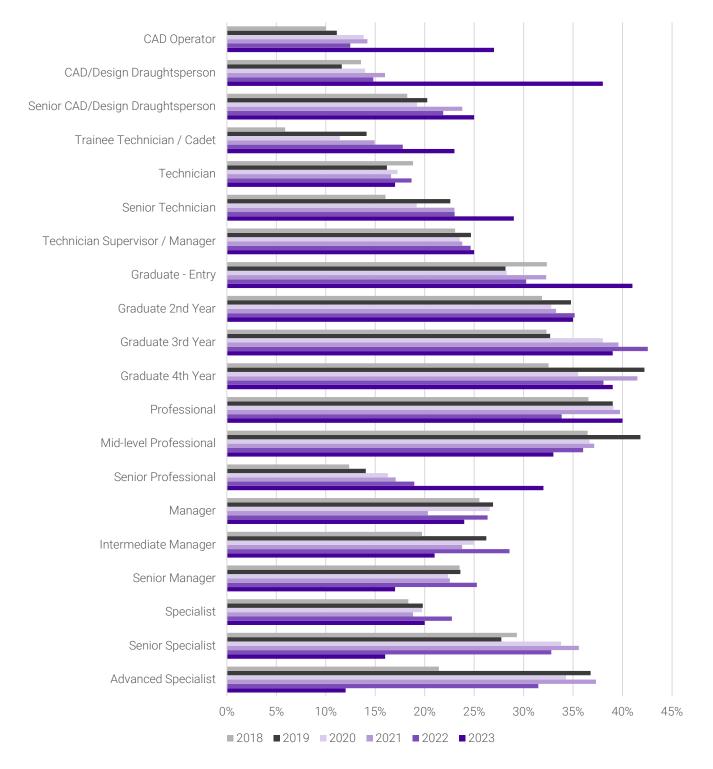
- Being members of The Diversity Agenda and/or Diversity Accord
- Have an Equal Employment Opportunities Policy
- Implement gender split ratios within some roles
- Emphasis on closing gender pay gap
- Monitor pay equity for each role
- Encouraging more women in leadership roles

Percentage of women 2018 to 2023

There has been significant growth this year in the number of women employed as CAD operators, CAD/Design Draughtsperson, Senior Technicians, New Graduates and Senior Professionals.

While there has been growth in the number of women in more junior roles, it's interesting to note those numbers decline in more senior roles. This is concerning, and indicates a need to focus on retention of women within organisations. The Diversity Agenda will focus on this issue in 2024, and we encourage you to look out for news, events and resources in this area.

The chart below details percentage of women within each benchmark job from 2018 to 2023.

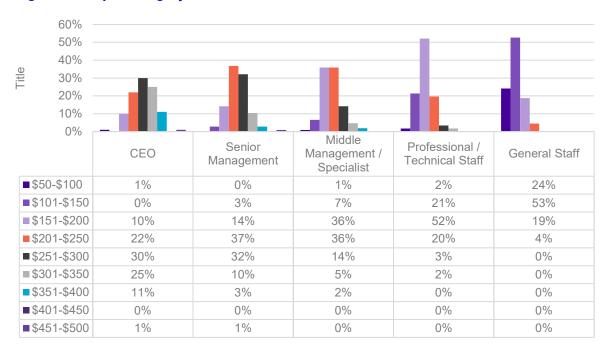


Charge out rates

The most common ranges for hourly charge out rates for each employee category are:

- CEO: \$251 to \$300
- Senior managements: \$201 to \$250
- Middle management / specialist: \$151 to \$200 and \$201 to \$250
- Professional / technical staff: \$151 to \$200
- General staff: \$101 to \$150

Charge out rate per category



The table below shows the percentage of organisations with charge out rates within each range for individual benchmark jobs.

		Charge out rate per hour (% of Organisations)								
Benchmark position and job code	Sample	\$50	\$101	\$151	\$201	\$251	\$301	\$351	\$401	\$451
		-	-	-	-	-	-	-	-	-
		\$100	\$150	\$200	\$250	\$300	\$350	\$400	\$450	\$500
Trainee CAD Operator / Cadet (ENG101)	45	42%	49%	9%	-	-	-	-	-	-
CAD Operator (ENG102)	44	7%	73%	18%	2%	-	-	-	-	-
CAD / Draughtsperson (ENG103)	51	6%	57%	33%	4%	-	-	-	-	-
Senior CAD / Draughtsperson (ENG104)	53	-	19%	66%	15%	-	-	-	-	-

		Charge out rate per hour (% of Organisations)								
Benchmark position and job										
code	Sample	\$50	\$101	\$151	\$201	\$251	\$301	\$351	\$401	\$451
		-	-	-	-	-	-	-	-	-
		\$100	\$150	\$200	\$250	\$300	\$350	\$400	\$450	\$500
CAD / Drawing Operations Supervisor / Manager (ENG105)	30	3%	3%	60%	27%	4%	3%	-	-	-
Trainee Technician / Cadet (ENG106)	27	33%	63%	-	-	4%	-	-	-	-
Technician (ENG107)	43	7%	81%	12%	-	-	-	-	-	-
Senior Technician (ENG108)	41	-	32%	66%	-	-	2%	-	-	-
Technician Supervisor / Manager (ENG109)	22	-	14%	45%	36%	5%	-	-	-	-
Graduate Surveyors 1 – 4 Years	41	3%	68%	27%	2%	-	-	-	-	-
Graduate Engineers 1-4 Years (ENG110-ENG113)	64	2%	56%	37%	5%	-	-	-	-	-
Professional Surveyors	45	-	2%	60%	36%	2%	-	-	-	-
Professional (ENG114)	65	-	14%	61%	23%	2%	-	-	-	-
Mid-level Professional (ENG130)	53	-	7%	57%	30%	6%	-	-	-	-
Senior Professional (ENG115)	65	-	-	31%	48%	18%	3%	-	-	-
Manager (ENG116)	46	2%	5%	24%	41%	26%	2%	-	-	-
Intermediate Manager (ENG117)	35	-	6%	17%	48%	23%	3%	3%	-	-
Senior Manager (ENG135)	41	-	-	2%	44%	37%	12%	3%	-	-
Specialist (ENG118)	42	-	5%	7%	48%	21%	14%	5%	-	-
Senior Specialist (ENG140)	37	-	-	11%	41%	24%	19%	5%	-	-
Advanced Specialist (ENG119)	32	-	_	3%	31%	38%	16%	6%	6%	-
Business Development Manager (ENG120)	20	-	5%	10%	30%	25%	20%	5%	-	5%
Business / Regional Manager (ENG121)	31	3%	-	7%	19%	26%	29%	13%	-	3%

What does this all mean?

Our 2023 survey report provides valuable insights into remuneration and benefits across the sector during what has been a challenging period in New Zealand.

For ACE New Zealand member organisations, workforce planning is vital to balance the impact of the ongoing skills shortage with the pipeline of critical infrastructure work ahead.

While we know money plays an important role in attracting and retaining workers, we also know employees place high value on benefits such as flexible working arrangements, management training and mentoring.

We encourage you to use this summary report as a tool to drive employee recognition, engagement and satisfaction.

Tell us what you think

If there's something you would like to see included in next year's survey, or if you have any other feedback, please let us know. Email the team at letstalk@acenz.org.nz.



Appendix

Base salary, fixed remuneration and total remuneration 2022 to 2023

Movements for all remuneration have increased considerably at the general staff level compared to 2022. The movements at specialist/technical and senior management/CEO small organisation levels have decreased compared to 2022. Due to the large increase at the general staff level, the overall staff level movements have increased since 2022.

This table shows the median whole sample movements base salary, fixed remuneration, and total remuneration since the 2022 report.

Benchmark position code	Benchmark position title	Base salary	Fixed remuneration	Total remuneration
ENG101	Trainee CAD Operator / Cadet	3.8%	2.4%	0.4%
ENG102	CAD Operator	5.9%	8.3%	8.4%
ENG103	CAD / Design Draughtsperson	6.7%	5.8%	6.3%
ENG104	Senior CAD / Design Draughtsperson	3.3%	3.2%	4.5%
ENG105	CAD / Drawing Operations Supervisor / Manager	1.5%	2.6%	1.9%
Weighted average d	esign	4.1%	4.3%	4.7%
ENG106	Trainee Technician / Cadet	5.1%	5.2%	2.5%
ENG107	Technician	4.3%	6.1%	5.7%
ENG108	Senior Technician	1.0%	4.2%	2.5%
ENG109	Technician Supervisor / Manager	3.3%	1.2%	0.0%
Weighted average to	echnical	3.1%	4.5%	3.4%
ENG110	Graduate - Entry	3.2%	3.8%	3.3%
ENG111	Graduate 2 nd Year	3.0%	3.5%	2.5%
ENG112	Graduate 3 rd Year	5.5%	5.4%	5.1%
ENG113	Graduate 4 th Year	4.7%	4.3%	5.1%
Weighted average g	raduate	4.0%	4.2%	3.8%
ENG114	Professional	2.3%	2.1%	1.6%
ENG130	Mid-level Professional	2.2%	2.8%	1.9%
ENG115	Senior Professional	3.2%	3.8%	4.0%
Weighted average professional		2.7%	2.9%	2.6%
ENG116	Manager	3.3%	3.4%	1.8%
ENG117	Intermediate Manager	2.7%	1.5%	1.7%



ENG135	Senior Manager	2.6%	3.0%	3.2%
ENG120	Business Development Manager	0.5%	3.2%	2.2%
ENG121	Business / Regional Manager	-1.0%	4.0%	3.9%
Weighted average n	nanager	3.1%	3.1%	2.2%
ENG118	Specialist	3.2%	3.6%	3.6%
ENG140	Senior Specialist	0.5%	0.6%	0.4%
ENG119	Advanced Specialist	1.7%	1.8%	2.2%
ENG191	Digital Specialist	6.7%	6.9%	7.6%
ENG192	Senior Digital Specialist	4.1%	3.4%	6.6%
ENG193	Advanced Digital Specialist	3.4%	6.0%	11.4%
Weighted average specialist		2.0%	2.2&	2.3%
Overall		2.9%	3.2%	2.9%

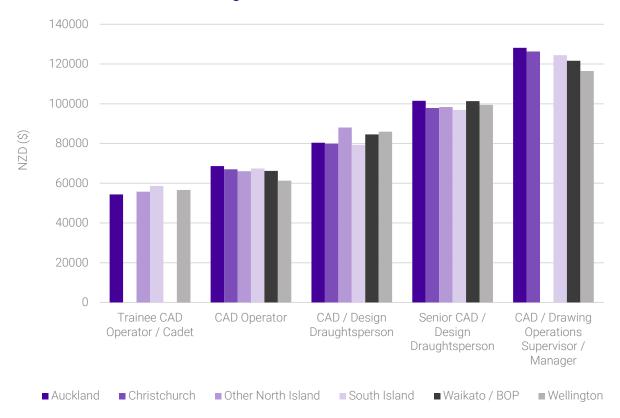
Are urban employees getting paid more?

Only 6.4% of respondents indicated they pay a regional premium to employees, with Auckland being the most common region where premiums are paid. This is in line with previous years.

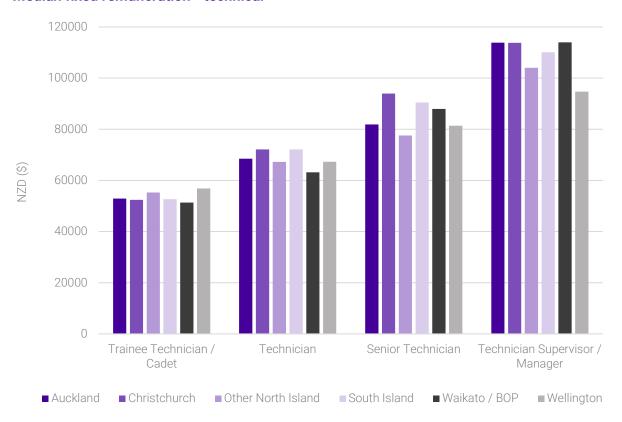
Just 9.8% of respondents reported they have regions where their charge out rates are higher, with Auckland being the most common region.

These charts compare the regional difference within each benchmark job.

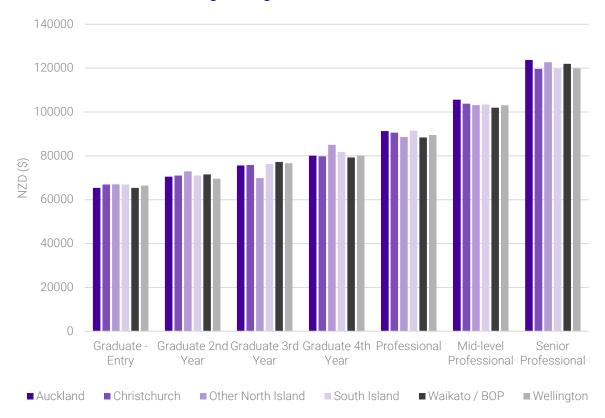
Median fixed remuneration - design



Median fixed remuneration - technical



Median fixed remuneration - engineering 1





Median fixed remuneration – engineering 2

