

## 2023 Census information on income by post school qualification level and field of study.

All tables are limited to the 1,730,400 people (a) in full time employment only, and (b) with a reported post school qualification and the field of study. It includes qualifications from any provider (university and non-university) and includes qualifications gained overseas. It excludes another 89,562 in full time employment with a post-school qualification but where the field of study was not provided. It also excludes the 473,412 people in part time employment. It also excludes people aged 15+ not in the workforce, unemployed, doing volunteer/unpaid work, etc.

**Table 1: Average annual income for everyone in full time work aged 15+ by level & field of study**

<i>Suppressed where &lt;100 people</i>	Lvl 0-3	Lvl 4 Certificate	Lvl 5&6 Diploma	Lvl 7 Degree	Lvl 8 Honours	Lvl 9 Masters	Lvl 10 PhD
No post school Qualification	\$70k						
Natural and Physical Sciences not further defined			\$81k	\$89k	\$102k	\$115k	
Mathematical Sciences	\$77k	\$82k	\$93k	\$102k	\$124k	\$111k	\$133k
Physics and Astronomy				\$104k	\$129k	\$120k	\$128k
Chemical Sciences			\$93k	\$93k	\$104k	\$97k	\$120k
Earth Sciences				\$93k	\$110k	\$111k	\$127k
Biological Sciences		\$76k	\$79k	\$81k	\$93k	\$89k	\$116k
Other Natural and Physical Sciences		\$75k	\$82k	\$81k	\$93k	\$97k	\$117k
Information Technology not further defined	\$92k	\$74k	\$83k	\$90k	\$104k	\$99k	
Computer Science	\$70k	\$73k	\$86k	\$100k	\$123k	\$117k	\$136k
Information Systems	\$61k	\$90k	\$97k	\$108k	\$118k	\$120k	
Other Information Technology	\$53k	\$55k	\$74k	\$72k	\$85k	\$92k	
Engineering and Related Technologies not further defined	\$81k	\$90k	\$97k	\$96k	\$114k	\$128k	\$127k
Manufacturing, Engineering and Technology	\$71k	\$79k	\$86k	\$92k	\$91k	\$108k	
Process and Resources Engineering	\$81k	\$102k	\$112k	\$105k	\$119k	\$115k	\$135k
Automotive Engineering and Technology	\$67k	\$85k	\$90k	\$81k	\$92k		
Mechanical and Industrial Engineering and Technology	\$76k	\$92k	\$101k	\$107k	\$114k	\$113k	\$123k
Civil Engineering	\$72k	\$101k	\$117k	\$115k	\$126k	\$135k	\$144k
Geomatic Engineering			\$109k	\$123k	\$138k		
Electrical and Electronic Engineering and Technology	\$80k	\$95k	\$103k	\$107k	\$122k	\$123k	\$138k
Aerospace Engineering and Technology	\$79k	\$94k	\$119k	\$109k	\$126k	\$124k	
Maritime Engineering and Technology	\$80k	\$90k	\$108k	\$104k		\$114k	
Other Engineering and Related Technologies	\$78k	\$92k	\$102k	\$99k	\$103k	\$121k	\$125k
Architecture and Urban Environment	\$81k	\$78k	\$84k	\$92k	\$116k	\$95k	\$113k
Building	\$71k	\$82k	\$99k	\$110k	\$139k	\$115k	
Agriculture	\$60k	\$72k	\$80k	\$90k	\$94k	\$90k	\$112k
Horticulture and Viticulture	\$60k	\$71k	\$80k	\$96k	\$100k		
Forestry Studies	\$63k	\$77k	\$95k	\$112k	\$149k		
Fisheries Studies	\$54k	\$76k					
Environmental Studies		\$61k	\$86k	\$83k	\$94k	\$97k	
Other Agriculture, Environmental and Related Studies	\$63k						
Health not further defined	\$61k	\$63k	\$73k	\$97k	\$111k	\$130k	
Medical Studies		\$110k	\$103k	\$178k	\$227k	\$261k	\$312k
Nursing	\$60k	\$67k	\$84k	\$85k	\$100k	\$111k	
Pharmacy		\$57k	\$66k	\$86k	\$96k	\$92k	
Dental Studies		\$62k	\$83k	\$115k	\$118k	\$234k	\$227k
Optical Science				\$101k	\$100k		
Veterinary Studies	\$53k	\$59k	\$57k	\$101k	\$111k	\$119k	\$124k
Public Health	\$69k	\$75k	\$101k	\$79k	\$108k	\$128k	\$149k
Radiography			\$107k	\$89k	\$111k		
Rehabilitation Therapies		\$55k	\$66k	\$72k	\$81k	\$89k	\$100k
Complementary Therapies			\$60k	\$54k			
Other Health	\$62k	\$64k	\$78k	\$80k	\$97k	\$100k	\$124k
Education not further defined			\$82k	\$81k	\$90k	\$97k	\$125k
Teacher Education	\$58k	\$63k	\$72k	\$74k	\$84k	\$92k	\$117k
Curriculum and Education Studies				\$84k	\$93k	\$98k	
Other Education		\$54k					
Management and Commerce not further defined				\$126k			
Accountancy	\$79k	\$73k	\$84k	\$117k	\$133k	\$101k	
Business and Management	\$71k	\$73k	\$85k	\$98k	\$112k	\$128k	\$129k
Sales and Marketing	\$75k	\$89k	\$108k	\$102k	\$118k	\$95k	
Tourism	\$64k	\$63k	\$67k	\$67k	\$77k		
Office Administration	\$63k	\$66k	\$74k	\$85k			
Banking, Finance and Related Fields	\$76k	\$98k	\$115k	\$122k	\$164k	\$133k	
Other Management and Commerce	\$65k	\$83k	\$101k	\$121k	\$115k	\$114k	
Society and Culture not further defined				\$81k	\$101k	\$101k	
Political Science and Policy Studies				\$94k	\$120k	\$121k	\$138k
Studies in Human Society	\$54k	\$55k	\$68k	\$86k	\$100k	\$105k	\$123k
Human Welfare Studies and Services	\$56k	\$59k	\$71k	\$74k	\$87k	\$87k	

<i>Suppressed where &lt;100 people</i>	Lvl 0-3	Lvl 4 Certificate	Lvl 5&6 Diploma	Lvl 7 Degree	Lvl 8 Honours	Lvl 9 Masters	Lvl 10 PhD
Behavioural Science			\$73k	\$85k	\$92k	\$101k	\$116k
Law		\$90k	\$88k	\$147k	\$183k	\$203k	\$158k
Justice and Law Enforcement	\$79k	\$87k	\$93k	\$87k	\$105k		
Librarianship, Information Management and Curatorial Studies		\$70k	\$66k	\$85k	\$87k	\$92k	
Language and Literature	\$59k	\$64k	\$70k	\$82k	\$94k	\$89k	\$106k
Philosophy and Religious Studies		\$54k	\$63k	\$78k	\$91k	\$93k	\$108k
Economics and Econometrics				\$109k	\$146k	\$131k	\$147k
Sport and Recreation	\$60k	\$60k	\$67k	\$75k	\$88k	\$77k	
Other Society and Culture	\$63k	\$71k	\$85k	\$78k	\$89k	\$102k	
Creative Arts not further defined	\$64k	\$57k	\$63k	\$79k	\$87k	\$83k	
Performing Arts	\$57k	\$55k	\$65k	\$68k	\$76k	\$77k	\$100k
Visual Arts and Crafts	\$61k	\$61k	\$66k	\$70k	\$70k	\$77k	
Graphic and Design Studies	\$64k	\$64k	\$72k	\$74k	\$82k	\$84k	
Communication and Media Studies	\$78k	\$72k	\$81k	\$80k	\$95k	\$87k	\$105k
Other Creative Arts	\$46k						
Food and Hospitality	\$59k	\$66k	\$66k	\$64k	\$73k		
Personal Services	\$51k	\$54k	\$56k	\$54k			
<b>AVERAGES BY COLUMN 2023 CENSUS</b>	<b>\$70k</b>	<b>\$78k</b>	<b>\$85k</b>	<b>\$95k</b>	<b>\$111k</b>	<b>\$114k</b>	<b>\$158k</b>
<b>2013 Census Averages</b>	\$55k	\$54k	\$63k	\$76k	\$82k	\$83k	\$101k
Absolute/nominal increase 2013 to 2023	46%	39%	38%	33%	39%	33%	42%
Inflation Q2 2013 to Q2 2023	-28.3%	-28.3%	-28.3%	-28.3%	-28.3%	-28.3%	-28.3%
<b>Absolute/real increase 2013 to 2023</b>	<b>17.3%</b>	<b>10.9%</b>	<b>9.3%</b>	<b>4.7%</b>	<b>10.7%</b>	<b>4.5%</b>	<b>13.3%</b>

**Table 2: Count of people aged 15-65+ in Full Time Employment (Excludes Part Timers)**

	No Qual	Lvl 1	Lvl 2	Lvl 3	Lvl 4	Lvl 5-6	Lvl 7	Lvl 8	Lvl 9	Lvl 10	TOTALS
0000 No Post-School Qualification	168,036	128,847	142,389	139,257							578,529
0100 Natural & Physical Sciences nfd					75	489	3,567	804	672	51	5,658
0101 Mathematical Sciences		54	99	285	366	312	4,590	1,908	1,674	579	9,867
0103 Physics & Astronomy							897	411	567	579	2,454
0105 Chemical Sciences						153	1,893	792	849	936	4,623
0107 Earth Sciences							1,461	786	1,293	636	4,176
0109 Biological Sciences					330	660	7,221	2,754	3,504	3,282	17,751
0199 Other Natural & Physical Sciences				93	297	1,026	5,103	2,445	2,268	903	12,135
0200 Information Technology nfd				339	561	2,727	4,893	1,203	975		10,698
0201 Computer Science		84	477	1,524	1,302	3,249	9,180	2,370	1,641	414	20,241
0203 Information Systems			54	1,134	465	2,001	7,125	2,874	2,076	93	15,822
0299 Other Information Technology				219	156	561	540	102	150		1,728
0300 Eng & Related Technologies nfd		21	249	777	2,745	1,455	1,344	906	717	120	8,334
0301 Manufacturing, Eng & Technology		129	405	1,014	4,266	1,674	732	1,353	276	21	9,870
0303 Process & Resources Engineering			21	531	783	1,128	1,740	2,079	1,080	498	7,860
0305 Automotive Engineering & Technology		681	1,512	6,426	18,342	3,480	537	102	45		31,125
0307 Mechanical & Industrial Eng & Tech		465	1,332	4,083	13,920	7,077	5,616	4,098	1,614	345	38,550
0309 Civil Engineering			27	825	981	3,348	4,797	5,274	2,496	435	18,183
0311 Geomatic Engineering					24	390	1,125	222	33		1,794
0313 Electrical & Electronic Engineer & Tech		315	876	4,569	19,215	10,017	13,185	5,337	3,672	576	57,762
0315 Aerospace Engineering & Technology				474	1,371	3,783	873	105	192		6,798
0317 Maritime Engineering & Technology			21	450	2,076	810	573	48	357		4,335
0399 Other Eng & Related Technologies			30	429	795	432	1,347	2,007	1,662	237	6,939
0401 Architecture & Urban Environment				390	933	4,080	4,299	2,412	3,705	114	15,933
0403 Building		1,422	2,442	8,562	37,530	8,340	3,330	948	858		63,432
0501 Agriculture		192	1,050	4,161	3,720	3,411	3,309	1,119	354	102	17,418
0503 Horticulture & Viticulture		126	402	1,941	4,053	2,343	1,158	468	45		10,536
0505 Forestry Studies			183	984	1,857	234	444	228	24		3,954
0507 Fisheries Studies				564	270						834
0509 Environmental Studies				51	195	123	747	585	846		2,547
0599 Other Agric, Environmental & Related			213	576							789
0600 Health nfd			69	837	1,221	225	600	672	294		3,918
0601 Medical Studies					138	447	5,424	4,629	1,623	3,873	16,134
0603 Nursing		27	387	1,743	4,164	7,275	26,385	10,404	3,330	93	53,808
0605 Pharmacy				54	375	1,074	2,325	1,374	264	30	5,496
0607 Dental Studies				69	465	264	2,172	468	186	135	3,759
0609 Optical Science							210	390			600
0611 Veterinary Studies			51	618	915	2,271	2,214	444	246	279	7,038
0613 Public Health			222	996	1,380	1,302	867	1,191	762	285	7,005
0615 Radiography						147	888	657			1,692
0617 Rehabilitation Therapies				21	363	1,407	4,365	2,646	1,578	153	10,533
0619 Complementary Therapies						360	525		54		939
0699 Other Health			48	747	2,346	2,694	6,066	4,182	2,034	423	18,540
0700 Education nfd						414	6,189	2,469	1,839	285	11,196
0701 Teacher Education		228	408	1,500	3,033	10,314	39,003	19,338	6,531	420	80,775
0703 Curriculum & Education Studies							522	264	507	24	1,317
0799 Other Education				96	429						525
0800 Management & Commerce nfd							474				474
0801 Accountancy		21	252	426	930	4,524	26,163	7,053	2,937	93	42,399
0803 Business & Management		639	1,710	6,276	12,684	31,683	55,185	19,140	21,369	636	149,322
0805 Sales & Marketing		150	498	1,335	3,717	2,730	9,672	2,544	1,548	48	22,242
0807 Tourism		48	399	2,199	4,026	3,720	708	150	42		11,292
0809 Office Administration		405	1,269	2,325	2,283	1,281	399	69			8,031
0811 Banking, Finance & Related Fields		45	93	393	705	3,738	4,539	1,944	2,289	90	13,836
0899 Other Management & Commerce				483	660	780	2,286	687	402		5,298
0900 Society & Culture nfd					21		1,512	273	258		2,064
0901 Political Science & Policy Studies							3,678	1,779	2,880	288	8,625
0903 Studies in Human Society			243	678	1,008	816	11,130	4,638	4,188	1,134	23,835
0905 Human Welfare Studies & Services		174	519	2,676	4,926	3,435	6,240	2,562	2,283	69	22,884
0907 Behavioural Science						408	7,866	3,066	4,134	1,401	16,875
0909 Law					339	417	12,972	5,277	2,454	288	21,747
0911 Justice & Law Enforcement			24	489	1,230	3,564	627	165			6,099

	No Qual	Lvl 1	Lvl 2	Lvl 3	Lvl 4	Lvl 5-6	Lvl 7	Lvl 8	Lvl 9	Lvl 10	TOTALS
0913 Librarianship, Info Mgmt & Curatorial					147	366	375	609	996		2,493
0915 Language & Literature		327	807	1,791	2,247	1,845	7,140	2,745	2,433	531	19,866
0917 Philosophy & Religious Studies					285	1,371	2,055	822	1,092	516	6,141
0919 Economics & Econometrics						48	4,968	1,698	1,560	300	8,574
0921 Sport & Recreation			285	1,665	2,874	3,819	3,306	576	261		12,786
0999 Other Society & Culture			69	939	489	345	1,767	597	453		4,659
1000 Creative Arts nfd				156	336	1,131	3,315	423	483		5,844
1001 Performing Arts				279	645	1,731	3,747	1,224	825	141	8,592
1003 Visual Arts & Crafts			81	558	1,047	2,409	3,813	1,461	1,050		10,419
1005 Graphic & Design Studies		21	63	504	1,023	4,041	7,593	2,916	933		17,094
1007 Communication & Media Studies		21	54	504	903	4,404	9,609	3,432	1,662	156	20,745
1101 Food & Hospitality		588	1,965	6,849	10,182	7,641	1,095	297			28,617
1103 Personal Services		285	702	3,576	6,045	4,452	189				15,249
<b>TOTALS</b>	<b>168,036</b>	<b>135,315</b>	<b>162,000</b>	<b>220,440</b>	<b>190,209</b>	<b>182,196</b>	<b>381,804</b>	<b>159,015</b>	<b>109,425</b>	<b>21,612</b>	<b>1,730,052</b>



**Table 3 - Inflation Adjusted Real Change in Avg Earnings for everyone in fulltime work in 2013 and 2023**

CPI movement between Q2 2013 and Q2 2023 was 28.3%. This table uses the following formula  $((Avg\ income\ in\ 2023\ minus\ avg\ income\ in\ 2013) \div avg\ income\ in\ 2013) - 28.3\%$ . The Census has only income bands, not raw income data. We utilise linkage between Census and IRD data. Post school qualification employment status comes from the census but income data comes from IRD.

Use/interpret this table with care: the real change in earnings can reflect many things such as demographic composition (aging workforce), changing industry requirements, changes in the tertiary sector provisions etc.

<i>Suppressed where &lt;100 people</i>	Lvl 0-3	Lvl 4 Certificate	Lvl 5&6 Diploma	Lvl 7 Degree	Lvl 8 Honours	Lvl 9 Masters	Lvl 10 PhD
No Qualification	19%						
Natural and Physical Sciences not further defined			14%	0%	16%	23%	
Mathematical Sciences	35%	-17%	17%	4%	14%	2%	-4%
Physics and Astronomy				6%	21%	13%	-2%
Chemical Sciences			-3%	2%	4%	3%	-6%
Earth Sciences				-1%	-6%	-7%	-1%
Biological Sciences		-7%	-2%	1%	10%	3%	-4%
Other Natural and Physical Sciences		7%	0%	7%	21%	4%	-4%
Information Technology not further defined	19%	9%	33%	4%	-7%	-3%	
Computer Science	18%	11%	15%	3%	22%	13%	10%
Information Systems	-29%	12%	32%	23%	14%	16%	
Other Information Technology			7%	16%			
Engineering and Related Technologies not further defined	20%	14%	5%	-12%	2%	6%	-21%
Manufacturing, Engineering and Technology	14%	15%	22%	19%	11%	17%	
Process and Resources Engineering	6%	31%	10%	-9%	11%	0%	-10%
Automotive Engineering and Technology	14%	21%	14%	1%	-13%		
Mechanical and Industrial Engineering and Technology	5%	15%	3%	0%	6%	6%	-3%
Civil Engineering	-32%	21%	7%	-11%	9%	6%	-5%
Geomatic Engineering			10%	6%	41%		
Electrical and Electronic Engineering and Technology	4%	16%	2%	5%	6%	9%	-4%
Aerospace Engineering and Technology	-9%	-6%	4%	12%	28%	3%	
Maritime Engineering and Technology	-5%	12%	-6%	-14%		-7%	
Other Engineering and Related Technologies	8%	24%	22%	11%	15%	15%	-5%
Architecture and Urban Environment	2%	23%	13%	3%	14%	5%	-23%
Building	3%	18%	10%	11%	31%	20%	
Agriculture	1%	1%	4%	2%	-2%	8%	-16%
Horticulture and Viticulture	6%	16%	14%	16%	-1%		
Forestry Studies	-11%	16%	18%	2%	40%		
Fisheries Studies	-19%	-1%					
Environmental Studies		-21%	20%	7%	6%	-14%	
Other Agriculture, Environmental and Related Studies	4%						
Health not further defined	16%	35%	-4%	19%	9%	24%	
Medical Studies		102%	20%	23%	37%	66%	54%
Nursing	10%	26%	12%	28%	18%	13%	
Pharmacy		0%	7%	-1%	-20%	-25%	
Dental Studies		7%	6%	-5%	3%	31%	35%
Optical Science				-19%	-21%		
Veterinary Studies	18%	23%	25%	-16%	24%	15%	12%
Public Health	-10%	-3%	32%	-17%	15%	19%	10%
Radiography			21%	11%	7%		
Rehabilitation Therapies		15%	-7%	3%	1%	-4%	-17%
Complementary Therapies			19%	3%			
Other Health	0%	17%	11%	14%	24%	0%	-9%
Education not further defined			-6%	-8%	-2%	-10%	-7%
Teacher Education	4%	1%	3%	7%	4%	-8%	-12%
Curriculum and Education Studies				22%	9%	0%	
Other Education		33%					
Management and Commerce not further defined				18%			
Accountancy	-16%	-10%	4%	0%	23%	-12%	
Business and Management	3%	10%	12%	4%	5%	-2%	-10%
Sales and Marketing	2%	-2%	10%	4%	16%	-17%	
Tourism	27%	22%	16%	14%	-10%		
Office Administration	3%	4%	5%	-2%			
Banking, Finance and Related Fields	-43%	-13%	1%	20%	29%	9%	
Other Management and Commerce	-18%	-2%	-4%	11%	4%	-8%	
Society and Culture not further defined				9%	15%	4%	
Political Science and Policy Studies				8%	26%	-1%	-4%
Studies in Human Society	-6%	-2%	5%	3%	10%	5%	-1%
Human Welfare Studies and Services	39%	23%	16%	10%	9%	-1%	

<i>Suppressed where &lt;100 people</i>	Lvl 0-3	Lvl 4 Certificate	Lvl 5&6 Diploma	Lvl 7 Degree	Lvl 8 Honours	Lvl 9 Masters	Lvl 10 PhD
Behavioural Science			12%	8%	6%	0%	-3%
Law		22%	9%	14%	43%	42%	0%
Justice and Law Enforcement	3%	17%	-1%	-5%	34%		
Librarianship, Information Mgmt and Curatorial Studies		-2%	9%	10%	-4%	-1%	
Language and Literature	-1%	13%	19%	8%	14%	-4%	-12%
Philosophy and Religious Studies		-1%	18%	14%	10%	22%	0%
Economics and Econometrics				4%	20%	3%	-13%
Sport and Recreation	14%	10%	24%	23%	22%	-22%	
Other Society and Culture	27%	-2%	19%	13%	3%	9%	
Creative Arts not further defined	38%	34%	19%	16%	10%	1%	
Performing Arts	26%	15%	19%	12%	12%	-5%	-2%
Visual Arts and Crafts	23%	10%	26%	23%	17%	0%	
Graphic and Design Studies	22%	6%	19%	25%	24%	3%	
Communication and Media Studies	10%	11%	16%	23%	25%	7%	-4%
Other Creative Arts							
Food and Hospitality	16%	7%	31%	7%	40%		
Personal Services	17%	5%	30%	28%			
<b>Weighted Average by Column</b>	<b>17.3%</b>	<b>10.9%</b>	<b>9.3%</b>	<b>4.7%</b>	<b>10.7%</b>	<b>4.5%</b>	<b>13.3%</b>