

Occupation (2013 ANZSCO)	Description	2023 SPL	Employment size (Ce	
			Overall	Metro
111111	Chief Executive or Managing Director	NS	76,029	58,988
111211	Corporate General Manager	NS	60,306	45,859
121111	Aquaculture Farmer	NS	1,726	346
121211	Cotton Grower	NS	273	4
121212	Flower Grower	NS	1,084	599
121213	Fruit or Nut Grower	NS	8,213	1,762
121214	Grain, Oilseed or Pasture Grower	NS	10,458	463
121215	Grape Grower	NS	4,234	1,100
121216	Mixed Crop Farmer	NS	2,344	466
121217	Sugar Cane Grower	NS	2,455	9
121218	Turf Grower	NS	394	197
121221	Vegetable Grower	NS	6,339	3,623
121299	Crop Farmers nec	NS	2,218	938
121311	Apiarist	S	1,563	340
121312	Beef Cattle Farmer	NS	28,440	2,460
121313	Dairy Cattle Farmer	NS	8,843	494
121314	Deer Farmer	NS	20	4
121315	Goat Farmer	NS	216	12
121316	Horse Breeder	NS	1,189	418
121317	Mixed Livestock Farmer	NS	6,417	309
121318	Pig Farmer	NS	722	59
121321	Poultry Farmer	NS	2,608	982
121322	Sheep Farmer	NS	10,400	351
121399	Livestock Farmers nec	NS	929	237
121411	Mixed Crop and Livestock Farmer	NS	22,836	680
131112	Sales and Marketing Manager	S	118,504	98,782
131113	Advertising Manager	NS	2,079	1,852
131114	Public Relations Manager	NS	10,813	9,163
132111	Corporate Services Manager	NS	9,594	7,142
132211	Finance Manager	NS	59,125	49,255
132311	Human Resource Manager	NS	55,611	43,923
132411	Policy and Planning Manager	NS	51,391	43,603
132511	Research and Development Manager	NS	15,299	13,058
241599	Special Education Teachers nec	S	1,582	775
133112	Project Builder	S	47,841	28,824
133111	Construction Project Manager	S	60,155	45,993
133311	Importer or Exporter	NS	3,200	2,674
133312	Wholesaler	NS	10,990	8,237
133411	Manufacturer	NS	15,882	10,919
133511	Production Manager (Forestry)	NS	608	120

133512	Production Manager (Manufacturing)	NS	34,828	24,857
133513	Production Manager (Mining)	NS	10,921	6,116
133611	Supply and Distribution Manager	NS	30,119	23,374
133211	Engineering Manager	S	22,793	18,497
134111	Child Care Centre Manager	NS	14,593	10,520
134211	Medical Administrator	NS	3,596	2,563
134212	Nursing Clinical Director	NS	2,401	1,513
134213	Primary Health Organisation Manager	NS	266	163
134214	Welfare Centre Manager	NS	1,408	876
134299	Health and Welfare Services Managers nec	NS	22,820	14,906
134311	School Principal	NS	24,323	14,766
134411	Faculty Head	NS	5,233	3,825
134412	Regional Education Manager	NS	1,598	1,079
134499	Education Managers nec	NS	4,132	3,271
135111	Chief Information Officer	NS	7,328	6,568
135112	ICT Project Manager	NS	49,569	44,838
135199	ICT Managers nec	NS	9,291	8,383
139911	Arts Administrator or Manager	NS	2,169	1,624
139912	Environmental Manager	NS	2,827	1,865
139913	Laboratory Manager	NS	2,803	2,097
139914	Quality Assurance Manager	NS	19,061	15,153
139915	Sports Administrator	NS	2,937	2,283
139999	Specialist Managers nec	NS	33,559	25,193
141111	Cafe or Restaurant Manager	NS	55,772	38,967
141211	Caravan Park and Camping Ground Manager	NS	3,302	518
141311	Hotel or Motel Manager	NS	18,790	9,007
141411	Licensed Club Manager	NS	5,727	3,374
141911	Bed and Breakfast Operator	NS	1,626	499
141912	Retirement Village Manager	NS	1,297	827
133612	Procurement Manager	S	9,926	8,436
142111	Retail Manager (General)	R	183,465	121,155
142112	Antique Dealer	NS	693	433
142113	Betting Agency Manager	NS	389	319
142114	Hair or Beauty Salon Manager	NS	5,666	4,027
142115	Post Office Manager	NS	3,035	1,630
142116	Travel Agency Manager	NS	1,244	913
149111	Amusement Centre Manager	NS	2,765	1,982
149112	Fitness Centre Manager	NS	6,079	4,373
149113	Sports Centre Manager	NS	4,935	3,357
149211	Call or Contact Centre Manager	NS	3,848	3,055
149212	Customer Service Manager	NS	39,960	31,156
149311	Conference and Event Organiser	NS	19,904	15,490
149411	Fleet Manager	NS	3,361	2,504
149412	Railway Station Manager	NS	937	770
149413	Transport Company Manager	NS	11,300	7,348
149911	Boarding Kennel or Cattery Operator	NS	502	230
149912	Cinema or Theatre Manager	NS	1,506	1,100
149913	Facilities Manager	NS	21,711	16,022

149914	Financial Institution Branch Manager	NS	9,170	6,707
149915	Equipment Hire Manager	NS	3,193	1,983
149999	Hospitality, Retail and Service Managers nec	NS	22,084	15,316
211111	Actor	NS	1,508	1,283
211112	Dancer or Choreographer	NS	984	823
211113	Entertainer or Variety Artist	NS	1,251	940
211199	Actors, Dancers and Other Entertainers nec	NS	2,649	1,992
211211	Composer	NS	414	355
211212	Music Director	NS	479	416
211213	Musician (Instrumental)	NS	4,882	3,779
211214	Singer	NS	585	457
211299	Music Professionals nec	NS	58	54
211311	Photographer	NS	11,734	8,204
211411	Painter (Visual Arts)	NS	2,848	1,677
211412	Potter or Ceramic Artist	NS	893	492
211413	Sculptor	NS	630	350
211499	Visual Arts and Crafts Professionals nec	NS	1,998	1,344
212111	Artistic Director	NS	362	280
212112	Media Producer (excluding Video)	NS	7,801	6,937
212113	Radio Presenter	NS	1,553	925
212114	Television Presenter	NS	429	357
212211	Author	NS	3,704	2,769
212212	Book or Script Editor	NS	1,139	967
212311	Art Director (Film, Television or Stage)	NS	222	192
212312	Director (Film, Television, Radio or Stage)	NS	2,390	1,941
212313	Director of Photography	NS	544	467
212314	Film and Video Editor	NS	3,308	2,832
212315	Program Director (Television or Radio)	NS	1,269	1,018
212316	Stage Manager	NS	305	276
212317	Technical Director	NS	476	406
212318	Video Producer	NS	1,935	1,618
212399	Film, Television, Radio and Stage Directors nec	NS	824	688
212411	Copywriter	NS	2,983	2,483
212412	Newspaper or Periodical Editor	NS	4,179	3,424
212413	Print Journalist	NS	2,819	1,932
212414	Radio Journalist	NS	493	334
212415	Technical Writer	NS	3,847	3,136
212416	Television Journalist	NS	979	805
212499	Journalists and Other Writers nec	NS	1,677	1,354
221111	Accountant (General)	NS	139,058	115,030
221112	Management Accountant	NS	6,401	5,477
221113	Taxation Accountant	S	12,492	10,522
221211	Company Secretary	NS	1,049	894
221212	Corporate Treasurer	NS	4,691	4,451
221213	External Auditor	S	12,485	10,950
221214	Internal Auditor	S	5,971	5,241
222111	Commodities Trader	NS	2,260	1,453
222112	Finance Broker	NS	17,125	13,795

222113	Insurance Broker	S	11,617	8,774
222199	Financial Brokers nec	NS	719	614
222211	Financial Market Dealer	NS	1,381	1,242
222212	Futures Trader	NS	89	74
222213	Stockbroking Dealer	NS	5,419	4,792
222299	Financial Dealers nec	NS	11,600	9,919
141999	Accommodation and Hospitality Managers nec	S	4,385	1,867
222312	Financial Investment Manager	NS	9,936	8,930
223111	Human Resource Adviser	NS	33,536	26,914
223112	Recruitment Consultant	S	33,020	25,569
223113	Workplace Relations Adviser	S	3,966	3,246
223211	ICT Trainer	NS	1,772	1,471
223311	Training and Development Professional	NS	19,299	13,971
224111	Actuary	S	2,368	2,283
224112	Mathematician	NS	639	592
224113	Statistician	NS	3,521	3,093
224211	Archivist	NS	1,002	838
224212	Gallery or Museum Curator	NS	1,337	1,055
224213	Health Information Manager	NS	1,967	1,576
224214	Records Manager	NS	2,064	1,618
224311	Economist	NS	3,481	3,171
224411	Intelligence Officer	NS	3,808	3,163
224412	Policy Analyst	NS	15,465	13,851
224511	Land Economist	NS	8,691	7,185
224512	Valuer	NS	5,174	3,641
224611	Librarian	NS	7,904	5,816
224711	Management Consultant	NS	64,927	56,742
224712	Organisation and Methods Analyst	NS	9,472	8,007
224911	Electorate Officer	NS	2,624	1,971
222311	Financial Investment Adviser	S	23,971	19,211
224913	Migration Agent	NS	2,777	2,545
224914	Patents Examiner	NS	464	402
224999	Information and Organisation Professionals nec	NS	50,140	44,549
225111	Advertising Specialist	NS	6,853	6,212
225112	Market Research Analyst	NS	2,947	2,706
224912	Liaison Officer	R	7,362	4,993
225211	ICT Account Manager	NS	6,572	6,010
225212	ICT Business Development Manager	NS	4,629	4,242
225213	ICT Sales Representative	NS	8,265	7,405
225311	Public Relations Professional	NS	19,872	16,374
225411	Sales Representative (Industrial Products)	S	16,220	11,429
225412	Sales Representative (Medical and Pharmaceutical)	NS	9,722	8,098
225499	Technical Sales Representatives nec	S	2,366	1,831
231111	Aeroplane Pilot	S	8,197	5,460
231112	Air Traffic Controller	NS	1,589	1,224
231113	Flying Instructor	S	966	593
231114	Helicopter Pilot	NS	1,127	410
231199	Air Transport Professionals nec	S	1,045	692

231211	Master Fisher	NS	580	140
231212	Ship's Engineer	S	1,946	1,154
231213	Ship's Master	NS	3,652	1,495
231214	Ship's Officer	NS	554	315
231215	Marine Surveyor	NS	491	306
231299	Marine Transport Professionals nec	NS	470	228
232111	Architect	S	19,337	17,071
232112	Landscape Architect	NS	3,797	3,155
232212	Surveyor	S	9,714	6,276
232213	Cartographer	NS	323	236
225113	Marketing Specialist	S	71,700	61,167
232311	Fashion Designer	NS	3,662	2,965
232312	Industrial Designer	NS	5,009	4,385
232313	Jewellery Designer	NS	692	522
232411	Graphic Designer	NS	27,528	21,914
232214	Other Spatial Scientist	S	3,557	2,603
232412	Illustrator	S	3,376	2,936
232414	Web Designer	NS	5,331	4,257
232413	Multimedia Designer	S	4,626	3,932
232611	Urban and Regional Planner	R	13,691	9,799
233111	Chemical Engineer	S	3,114	2,511
233112	Materials Engineer	S	675	518
233211	Civil Engineer	S	29,363	22,951
232511	Interior Designer	S	11,932	10,056
233213	Quantity Surveyor	S	3,450	3,006
233214	Structural Engineer	S	9,013	7,559
233215	Transport Engineer	S	4,936	4,011
233311	Electrical Engineer	S	18,349	14,906
233411	Electronics Engineer	S	5,115	4,584
233212	Geotechnical Engineer	S	2,487	1,952
233512	Mechanical Engineer	S	22,911	18,385
233513	Production or Plant Engineer	S	4,618	3,718
233611	Mining Engineer (excluding Petroleum)	S	5,896	4,133
233612	Petroleum Engineer	S	2,447	2,288
233911	Aeronautical Engineer	S	1,399	1,095
233912	Agricultural Engineer	S	126	36
233913	Biomedical Engineer	S	1,326	1,192
233914	Engineering Technologist	S	366	298
233915	Environmental Engineer	S	1,631	1,269
233916	Naval Architect	S	399	312
233999	Engineering Professionals nec	S	3,778	3,292
234111	Agricultural Consultant	S	2,009	655
234112	Agricultural Scientist	S	3,423	1,001
234113	Forester	NS	1,124	239
234211	Chemist	NS	3,736	3,121
234212	Food Technologist	S	1,382	1,148
234213	Wine Maker	NS	1,895	691
234311	Conservation Officer	NS	5,059	2,793

234312	Environmental Consultant	NS	5,126	3,635
234313	Environmental Research Scientist	R	5,477	3,538
234314	Park Ranger	NS	3,112	678
234399	Environmental Scientists nec	NS	1,202	741
234411	Geologist	S	6,498	4,922
234412	Geophysicist	S	858	760
234413	Hydrogeologist	S	1,000	851
234511	Life Scientist (General)	NS	300	256
234513	Biochemist	NS	134	118
234514	Biotechnologist	NS	948	868
233511	Industrial Engineer	S	4,732	3,992
234516	Marine Biologist	NS	756	461
234517	Microbiologist	NS	764	654
234518	Zoologist	NS	837	523
234599	Life Scientists nec	NS	1,286	1,138
234611	Medical Laboratory Scientist	NS	19,792	17,337
234711	Veterinarian	S	11,217	6,849
234911	Conservator	NS	527	463
234912	Metallurgist	S	1,083	737
234913	Meteorologist	NS	711	629
234914	Physicist	NS	1,507	1,275
234915	Exercise Physiologist	NS	5,128	3,547
234999	Natural and Physical Science Professionals nec	NS	1,467	1,243
241111	Early Childhood (Pre-primary School) Teacher	S	30,012	20,836
241213	Primary School Teacher	S	164,891	107,422
241311	Middle School Teacher	S	604	390
241411	Secondary School Teacher	S	155,842	102,282
241511	Special Needs Teacher	S	22,977	14,509
241512	Teacher of the Hearing Impaired	S	671	476
241513	Teacher of the Sight Impaired	S	185	125
234515	Botanist	NS	705	484
242111	University Lecturer	NS	39,536	31,415
242112	University Tutor	NS	9,475	7,998
242211	Vocational Education Teacher	S	30,165	19,853
249111	Education Adviser	NS	10,918	8,070
249112	Education Reviewer	NS	1,559	1,129
249211	Art Teacher (Private Tuition)	NS	1,733	1,291
249212	Dance Teacher (Private Tuition)	NS	7,195	5,249
249213	Drama Teacher (Private Tuition)	NS	452	345
249214	Music Teacher (Private Tuition)	NS	11,801	9,354
249299	Private Tutors and Teachers nec	NS	10,279	8,726
249311	Teacher of English to Speakers of Other Languages	NS	5,346	4,471
251111	Dietitian	NS	5,447	3,722
251112	Nutritionist	NS	1,196	848
251211	Medical Diagnostic Radiographer	S	10,210	7,130
251212	Medical Radiation Therapist	S	2,199	1,569
251213	Nuclear Medicine Technologist	S	830	605
251214	Sonographer	S	6,009	4,180

251311	Environmental Health Officer	R	4,345	2,742
251312	Occupational Health and Safety Adviser	NS	20,634	14,174
251411	Optometrist	S	5,213	3,863
251412	Orthoptist	NS	1,069	913
251511	Hospital Pharmacist	S	5,430	4,109
251512	Industrial Pharmacist	NS	1,156	1,083
251513	Retail Pharmacist	S	21,667	16,007
251911	Health Promotion Officer	NS	5,108	3,338
251912	Orthotist or Prosthetist	S	552	391
251999	Health Diagnostic and Promotion Professionals ne	S	1,642	1,413
252111	Chiropractor	NS	4,409	3,026
252112	Osteopath	NS	2,276	1,599
252211	Acupuncturist	NS	1,406	1,030
252212	Homoeopath	NS	120	83
252213	Naturopath	NS	2,438	1,512
252214	Traditional Chinese Medicine Practitioner	NS	1,078	897
252299	Complementary Health Therapists nec	NS	1,173	826
252311	Dental Specialist	NS	1,367	1,141
252312	Dentist	S	14,208	10,763
252411	Occupational Therapist	S	19,429	13,184
252511	Physiotherapist	S	28,913	20,916
252611	Podiatrist	S	4,723	3,315
252711	Audiologist	S	2,636	1,905
252712	Speech Pathologist	S	10,961	7,741
253111	General Practitioner	S	48,708	34,736
253112	Resident Medical Officer	S	15,950	12,055
253211	Anaesthetist	S	5,623	4,309
253311	Specialist Physician (General Medicine)	S	778	555
253312	Cardiologist	S	1,144	952
253313	Clinical Haematologist	S	184	150
253314	Medical Oncologist	S	932	755
253315	Endocrinologist	S	306	263
253316	Gastroenterologist	S	569	469
253317	Intensive Care Specialist	S	1,039	802
253318	Neurologist	S	574	490
253321	Paediatrician	S	2,475	1,980
253322	Renal Medicine Specialist	S	244	186
253323	Rheumatologist	S	249	224
253324	Thoracic Medicine Specialist	S	350	307
253399	Specialist Physicians nec	S	1,812	1,474
253411	Psychiatrist	S	4,330	3,467
253511	Surgeon (General)	S	729	485
253512	Cardiothoracic Surgeon	S	171	153
253513	Neurosurgeon	S	284	247
253514	Orthopaedic Surgeon	S	1,514	1,132
253515	Otorhinolaryngologist	S	357	276
253516	Paediatric Surgeon	S	125	113
253517	Plastic and Reconstructive Surgeon	S	474	406

253518	Urologist	S	413	306
253521	Vascular Surgeon	S	183	146
253911	Dermatologist	S	672	580
253912	Emergency Medicine Specialist	S	4,005	2,814
253913	Obstetrician and Gynaecologist	S	1,879	1,419
253914	Ophthalmologist	S	1,047	860
253915	Pathologist	S	2,767	2,253
253917	Diagnostic and Interventional Radiologist	S	2,815	2,267
253918	Radiation Oncologist	S	325	240
253999	Medical Practitioners nec	S	1,047	836
254111	Midwife	S	19,573	12,727
254211	Nurse Educator	S	4,971	3,391
254212	Nurse Researcher	S	1,253	1,065
254311	Nurse Manager	NS	20,829	13,834
254411	Nurse Practitioner	S	2,502	1,670
254425	Registered Nurse (Paediatrics)	S	7,114	5,527
254412	Registered Nurse (Aged Care)	S	38,432	23,050
254415	Registered Nurse (Critical Care and Emergency)	S	42,074	27,340
254416	Registered Nurse (Developmental Disability)	S	28	17
254413	Registered Nurse (Child and Family Health)	S	5,473	3,752
254422	Registered Nurse (Mental Health)	S	18,181	12,479
254423	Registered Nurse (Perioperative)	S	26,743	18,491
254417	Registered Nurse (Disability and Rehabilitation)	S	5,273	3,852
254418	Registered Nurse (Medical)	S	25,569	17,195
254424	Registered Nurse (Surgical)	S	19,494	14,230
254414	Registered Nurse (Community Health)	S	16,023	10,049
254421	Registered Nurse (Medical Practice)	S	11,720	7,171
254499	Registered Nurses nec	S	32,153	21,774
261111	ICT Business Analyst	NS	20,340	18,828
261112	Systems Analyst	S	14,143	12,882
261211	Multimedia Specialist	S	1,111	975
261212	Web Developer	S	8,991	7,650
261311	Analyst Programmer	S	4,526	4,094
261312	Developer Programmer	S	43,944	39,557
261313	Software Engineer	S	55,196	51,579
261314	Software Tester	S	9,078	8,652
261399	Software and Applications Programmers nec	NS	1,453	1,337
262111	Database Administrator	NS	5,851	5,154
262112	ICT Security Specialist	S	13,297	12,075
262113	Systems Administrator	NS	14,684	12,243
263111	Computer Network and Systems Engineer	S	14,538	13,017
263112	Network Administrator	S	5,025	4,061
263113	Network Analyst	S	1,642	1,512
263211	ICT Quality Assurance Engineer	S	1,004	918
263212	ICT Support Engineer	NS	9,731	8,955
263213	ICT Systems Test Engineer	S	1,783	1,681
263299	ICT Support and Test Engineers nec	NS	2,910	2,719
263311	Telecommunications Engineer	NS	2,655	2,411

263312	Telecommunications Network Engineer	NS	6,315	5,713
271111	Barrister	NS	8,848	7,590
271214	Intellectual Property Lawyer	NS	818	773
271299	Judicial and Other Legal Professionals nec	NS	10,842	9,326
271311	Solicitor	S	69,704	59,289
272111	Careers Counsellor	NS	2,264	1,579
272112	Drug and Alcohol Counsellor	NS	2,495	1,419
272113	Family and Marriage Counsellor	NS	1,863	1,234
272114	Rehabilitation Counsellor	NS	1,939	1,375
272115	Student Counsellor	NS	4,067	2,677
272199	Counsellors nec	NS	5,837	4,172
272211	Minister of Religion	NS	17,532	12,026
272311	Clinical Psychologist	S	22,041	16,292
272312	Educational Psychologist	S	4,141	2,749
272313	Organisational Psychologist	S	612	529
272314	Psychotherapist	NS	4,026	3,078
272399	Psychologists nec	S	1,356	1,030
272411	Historian	NS	512	411
272412	Interpreter	NS	3,926	3,393
272413	Translator	NS	1,668	1,406
272414	Archaeologist	NS	746	563
272499	Social Professionals nec	NS	3,111	2,413
272511	Social Worker	S	28,251	18,997
272611	Community Arts Worker	NS	578	331
272612	Recreation Officer	NS	1,683	958
272613	Welfare Worker	NS	34,280	20,246
311111	Agricultural Technician	S	2,403	822
311211	Anaesthetic Technician	NS	735	614
311212	Cardiac Technician	NS	1,000	800
311213	Medical Laboratory Technician	NS	7,554	6,174
311214	Operating Theatre Technician	NS	1,394	992
311215	Pharmacy Technician	S	6,895	4,210
311216	Pathology Collector	NS	11,987	8,431
311299	Medical Technicians nec	NS	2,653	1,725
311311	Fisheries Officer	NS	413	152
311312	Meat Inspector	S	494	140
311313	Quarantine Officer	NS	1,149	802
311399	Primary Products Inspectors nec	NS	412	181
311411	Chemistry Technician	NS	4,179	2,819
311412	Earth Science Technician	S	2,247	1,341
311413	Life Science Technician	NS	2,536	1,871
311414	School Laboratory Technician	NS	2,895	1,955
311415	Hydrographer	NS	679	337
311499	Science Technicians nec	NS	1,537	1,129
312111	Architectural Draftsperson	S	13,963	10,383
312112	Building Associate	NS	38,658	27,173
312113	Building Inspector	S	6,343	4,237
312114	Construction Estimator	S	7,008	5,238

312115	Plumbing Inspector	NS	350	182
312116	Surveying or Spatial Science Technician	NS	1,200	763
312199	Architectural, Building and Surveying Technicians	NS	1,613	1,192
312211	Civil Engineering Draftsperson	S	6,789	4,865
312212	Civil Engineering Technician	S	3,472	1,915
312311	Electrical Engineering Draftsperson	NS	2,220	1,565
312312	Electrical Engineering Technician	NS	6,764	4,391
312411	Electronic Engineering Draftsperson	NS	140	108
312412	Electronic Engineering Technician	NS	3,569	2,859
312511	Mechanical Engineering Draftsperson	S	3,033	2,277
312512	Mechanical Engineering Technician	S	1,167	778
312611	Safety Inspector	NS	4,378	2,882
312911	Maintenance Planner	NS	8,281	4,452
312912	Metallurgical or Materials Technician	S	4,145	2,416
312913	Mine Deputy	S	7,380	2,489
312999	Building and Engineering Technicians nec	NS	5,583	3,733
313111	Hardware Technician	NS	1,479	1,139
313112	ICT Customer Support Officer	NS	46,158	38,214
313113	Web Administrator	NS	2,732	2,307
313199	ICT Support Technicians nec	NS	840	666
313211	Radiocommunications Technician	NS	715	473
313212	Telecommunications Field Engineer	NS	852	678
313213	Telecommunications Network Planner	NS	934	856
313214	Telecommunications Technical Officer or Technol	NS	697	566
321111	Automotive Electrician	S	8,398	4,486
321211	Motor Mechanic (General)	S	79,296	48,544
321212	Diesel Motor Mechanic	S	7,376	3,682
321213	Motorcycle Mechanic	S	1,968	1,016
321214	Small Engine Mechanic	S	1,814	750
322111	Blacksmith	NS	243	146
322112	Electroplater	S	468	368
322113	Farrier	S	1,030	362
322114	Metal Casting Trades Worker	S	169	102
322115	Metal Polisher	NS	345	296
322211	Sheetmetal Trades Worker	S	4,443	3,001
322311	Metal Fabricator	S	42,567	20,880
322312	Pressure Welder	S	119	68
322313	Welder (First Class)	S	19,897	12,306
323111	Aircraft Maintenance Engineer (Avionics)	S	2,252	1,305
323112	Aircraft Maintenance Engineer (Mechanical)	S	1,804	1,036
323113	Aircraft Maintenance Engineer (Structures)	S	254	168
323211	Fitter (General)	S	68,461	31,742
323212	Fitter and Turner	S	9,029	4,325
323213	Fitter-Welder	S	823	408
323214	Metal Machinist (First Class)	S	2,374	1,647
323215	Textile, Clothing and Footwear Mechanic	NS	251	171
323299	Metal Fitters and Machinists nec	NS	3,816	803
323311	Engraver	NS	457	302

323312	Gunsmith	NS	173	113
323313	Locksmith	S	2,704	1,865
323314	Precision Instrument Maker and Repairer	NS	1,691	1,369
323315	Saw Doctor	NS	290	101
323316	Watch and Clock Maker and Repairer	NS	521	398
323411	Engineering Patternmaker	S	174	127
323412	Toolmaker	S	2,038	1,736
324111	Panelbeater	S	10,203	6,690
324211	Vehicle Body Builder	S	3,925	2,670
324212	Vehicle Trimmer	S	1,305	810
324311	Vehicle Painter	S	8,873	5,883
331111	Bricklayer	S	16,732	11,083
331112	Stonemason	S	4,750	3,334
331211	Carpenter and Joiner	S	4,257	3,107
331212	Carpenter	S	104,855	66,332
331213	Joiner	S	4,251	2,808
332111	Floor Finisher	S	8,021	5,166
332211	Painting Trades Worker	S	41,191	26,177
333111	Glazier	S	8,586	5,268
333211	Fibrous Plasterer	S	18,194	11,897
333212	Solid Plasterer	S	4,639	3,349
333311	Roof Tiler	S	6,384	4,113
333411	Wall and Floor Tiler	S	17,546	12,051
334111	Plumber (General)	S	53,352	35,081
334112	Airconditioning and Mechanical Services Plumber	S	3,922	3,130
334113	Drainer	S	4,825	3,463
334114	Gasfitter	S	7,566	4,863
334115	Roof Plumber	S	10,532	6,736
341111	Electrician (General)	S	128,273	80,387
341112	Electrician (Special Class)	S	57	38
341113	Lift Mechanic	NS	3,458	2,899
342111	Airconditioning and Refrigeration Mechanic	S	20,980	14,119
342211	Electrical Linesworker	S	6,286	2,742
342212	Technical Cable Jointer	S	578	386
342311	Business Machine Mechanic	NS	2,049	1,434
342312	Communications Operator	NS	1,196	926
342313	Electronic Equipment Trades Worker	S	14,963	10,977
342314	Electronic Instrument Trades Worker (General)	NS	1,427	1,114
342315	Electronic Instrument Trades Worker (Special Class)	S	177	134
342411	Cabler (Data and Telecommunications)	S	1,433	960
342412	Telecommunications Cable Jointer	S	610	505
342413	Telecommunications Linesworker	S	1,255	900
342414	Telecommunications Technician	S	10,105	7,126
351111	Baker	S	18,656	12,342
351112	Pastrycook	S	6,834	5,272
351211	Butcher or Smallgoods Maker	S	13,776	7,822
351311	Chef	S	90,453	63,515
351411	Cook	S	36,937	22,086

361111	Dog Handler or Trainer	NS	1,774	1,139
361112	Horse Trainer	S	3,032	1,343
361113	Pet Groomer	NS	5,689	3,796
361114	Zookeeper	NS	1,548	934
361115	Kennel Hand	NS	1,538	892
361199	Animal Attendants and Trainers nec	NS	4,889	2,869
361211	Shearer	NS	2,395	79
361311	Veterinary Nurse	S	13,012	8,103
362111	Florist	NS	6,182	4,290
362211	Gardener (General)	NS	32,552	19,024
362212	Arborist	S	6,959	3,932
362213	Landscape Gardener	S	25,088	17,335
362311	Greenkeeper	NS	12,554	6,379
362411	Nurseryperson	S	2,671	1,524
391111	Hairdresser	S	53,579	34,109
392111	Print Finisher	S	1,352	1,107
392112	Screen Printer	S	1,051	756
392211	Graphic Pre-press Trades Worker	S	1,470	1,264
392311	Printing Machinist	NS	3,422	2,858
392312	Small Offset Printer	NS	269	210
393111	Canvas Goods Fabricator	NS	370	175
393112	Leather Goods Maker	NS	478	197
393113	Sail Maker	NS	201	130
393114	Shoemaker	NS	720	573
393211	Apparel Cutter	NS	355	311
393212	Clothing Patternmaker	NS	341	313
393213	Dressmaker or Tailor	NS	5,226	4,033
393299	Clothing Trades Workers nec	NS	165	89
393311	Upholsterer	S	2,146	1,484
394111	Cabinetmaker	S	22,605	14,989
394211	Furniture Finisher	S	570	464
394212	Picture Framer	S	1,626	1,098
394213	Wood Machinist	S	944	651
394214	Wood Turner	NS	83	50
394299	Wood Machinists and Other Wood Trades Workers	NS	151	70
399111	Boat Builder and Repairer	S	2,582	1,395
399112	Shipwright	S	826	577
399211	Chemical Plant Operator	NS	1,772	1,170
399212	Gas or Petroleum Operator	NS	3,801	2,035
399213	Power Generation Plant Operator	NS	2,092	721
399311	Gallery or Museum Technician	NS	273	196
399312	Library Technician	NS	6,247	4,452
399411	Jeweller	NS	3,707	2,590
399511	Broadcast Transmitter Operator	NS	431	400
399512	Camera Operator (Film, Television or Video)	NS	2,896	2,211
399513	Light Technician	S	918	732
399514	Make Up Artist	NS	2,021	1,595
399515	Musical Instrument Maker or Repairer	NS	834	630

399516	Sound Technician	S	3,182	2,644
399517	Television Equipment Operator	NS	93	81
399599	Performing Arts Technicians nec	NS	1,571	1,252
399611	Signwriter	NS	5,383	3,327
399911	Diver	NS	905	499
399912	Interior Decorator	NS	1,864	1,493
399913	Optical Dispenser	NS	6,162	4,158
399914	Optical Mechanic	S	401	334
399915	Photographer's Assistant	NS	804	656
399916	Plastics Technician	S	209	173
399917	Wool Classer	NS	464	32
399918	Fire Protection Equipment Technician	S	4,109	2,996
399999	Technicians and Trades Workers nec	S	4,238	2,747
411111	Ambulance Officer	S	17,532	10,030
411112	Intensive Care Ambulance Paramedic	NS	1,602	918
411211	Dental Hygienist	S	1,335	1,033
411212	Dental Prosthetist	S	878	546
411213	Dental Technician	S	2,798	2,186
411214	Dental Therapist	S	2,552	1,749
411311	Diversional Therapist	S	4,530	2,655
411411	Enrolled Nurse	S	41,624	24,156
411412	Mothercraft Nurse	NS	127	118
411511	Aboriginal and Torres Strait Islander Health Worker	NS	1,849	543
411611	Massage Therapist	NS	16,108	10,120
411711	Community Worker	NS	28,401	17,325
411712	Disabilities Services Officer	NS	15,588	10,048
411713	Family Support Worker	NS	4,061	2,068
411714	Parole or Probation Officer	NS	2,142	1,152
411715	Residential Care Officer	S	2,777	1,772
411716	Youth Worker	NS	16,164	9,338
421111	Child Care Worker	S	123,794	85,936
421112	Family Day Care Worker	NS	8,337	5,846
421113	Nanny	NS	7,096	5,591
421114	Out of School Hours Care Worker	S	11,227	8,735
422111	Aboriginal and Torres Strait Islander Education Wo	NS	2,161	643
422112	Integration Aide	NS	22,139	15,523
422115	Preschool Aide	NS	3,118	2,150
422116	Teachers' Aide	NS	74,812	42,331
423111	Aged or Disabled Carer	S	227,535	136,546
423211	Dental Assistant	NS	26,438	18,204
423311	Hospital Orderly	NS	14,853	10,204
423312	Nursing Support Worker	S	39,681	25,057
423313	Personal Care Assistant	S	42,333	27,566
423314	Therapy Aide	NS	7,794	4,959
423411	Child or Youth Residential Care Assistant	NS	1,085	554
423412	Hostel Parent	NS	1,436	731
423413	Refuge Worker	NS	296	150
431111	Bar Attendant	NS	45,599	27,553

431112	Barista	NS	46,252	30,430
431311	Gaming Worker	NS	5,698	4,979
431411	Hotel Service Manager	NS	7,390	4,780
431511	Waiter	R	86,874	59,404
441211	Emergency Service Worker	NS	1,613	894
441212	Fire Fighter	NS	13,324	7,853
441312	Police Officer	NS	55,355	36,077
442111	Prison Officer	NS	19,859	10,879
442213	Crowd Controller	NS	387	315
442214	Private Investigator	NS	570	426
442216	Security Consultant	NS	1,135	968
442217	Security Officer	S	42,238	32,429
451111	Beauty Therapist	S	30,901	20,841
451211	Driving Instructor	NS	4,801	3,413
451311	Funeral Director	NS	3,036	1,853
451399	Funeral Workers nec	NS	936	544
451411	Gallery or Museum Guide	NS	1,322	962
451412	Tour Guide	S	2,942	1,352
451511	Natural Remedy Consultant	NS	3,712	2,449
451512	Weight Loss Consultant	NS	309	215
451513	Herbalist (Western)	NS	153	82
451611	Tourist Information Officer	NS	1,326	411
451612	Travel Consultant	S	8,870	6,497
451711	Flight Attendant	S	6,119	5,180
451799	Travel Attendants nec	NS	464	175
451811	Civil Celebrant	NS	1,056	574
451814	Body Artist	NS	3,691	2,338
451815	First Aid Trainer	NS	977	639
451816	Religious Assistant	NS	2,375	1,707
451899	Personal Service Workers nec	NS	7,472	5,367
452111	Fitness Instructor	NS	30,121	21,828
452211	Bungy Jump Master	NS	5	-
452212	Fishing Guide	NS	113	36
452213	Hunting Guide	NS	6	-
452214	Mountain or Glacier Guide	NS	19	-
452215	Outdoor Adventure Instructor	NS	1,701	862
452216	Trekking Guide	NS	52	37
452217	Whitewater Rafting Guide	NS	8	-
452299	Outdoor Adventure Guides nec	NS	350	129
452311	Diving Instructor (Open Water)	NS	513	172
452312	Gymnastics Coach or Instructor	S	4,237	3,121
452313	Horse Riding Coach or Instructor	NS	926	501
452314	Snowsport Instructor	NS	676	306
452315	Swimming Coach or Instructor	S	12,046	9,031
452316	Tennis Coach	NS	3,118	2,429
452317	Other Sports Coach or Instructor	NS	8,821	7,074
452318	Dog or Horse Racing Official	NS	608	368
452321	Sports Development Officer	NS	1,058	719

452322	Sports Umpire	NS	4,940	3,944
452323	Other Sports Official	NS	142	105
452413	Jockey	NS	532	288
452414	Lifeguard	NS	5,034	3,002
511111	Contract Administrator	S	21,235	16,734
511112	Program or Project Administrator	NS	103,190	80,121
512111	Office Manager	NS	111,828	73,745
512211	Health Practice Manager	NS	22,767	15,835
512299	Practice Managers nec	NS	4,499	3,255
521111	Personal Assistant	NS	50,751	39,959
521211	Secretary (General)	NS	22,736	14,592
521212	Legal Secretary	S	7,695	5,541
531111	General Clerk	NS	244,849	165,290
532111	Data Entry Operator	NS	34,400	24,964
532112	Machine Shorthand Reporter	NS	1,373	1,149
532113	Word Processing Operator	NS	4,843	3,281
541111	Call or Contact Centre Team Leader	NS	2,937	2,342
541112	Call or Contact Centre Operator	NS	36,058	28,482
541211	Information Officer	NS	51,069	38,471
542111	Receptionist (General)	NS	70,855	46,554
542112	Admissions Clerk	NS	7,996	5,755
542113	Hotel or Motel Receptionist	NS	9,902	4,938
542114	Medical Receptionist	NS	71,536	50,108
551111	Accounts Clerk	NS	92,987	69,446
551112	Cost Clerk	NS	8,623	6,609
551211	Bookkeeper	NS	79,763	51,360
551311	Payroll Clerk	NS	28,516	20,605
552111	Bank Worker	NS	41,997	32,568
552211	Credit or Loans Officer	NS	32,747	26,661
552311	Bookmaker	NS	430	354
552312	Insurance Consultant	NS	28,328	23,241
552313	Money Market Clerk	NS	1,023	932
552314	Statistical Clerk	NS	128	95
591112	Production Clerk	NS	4,483	3,202
591113	Purchasing Officer	NS	15,809	12,091
591115	Stock Clerk	NS	19,308	14,853
591116	Warehouse Administrator	NS	19,929	16,112
591117	Order Clerk	NS	14,166	11,125
591211	Despatching and Receiving Clerk	NS	25,875	19,926
591212	Import-Export Clerk	NS	5,095	4,486
599111	Conveyancer	S	7,408	5,068
599112	Legal Executive	NS	8,334	6,909
599211	Clerk of Court	NS	1,321	898
599212	Court Bailiff or Sheriff	NS	685	477
599213	Court Orderly	NS	1,430	1,020
599214	Law Clerk	NS	8,954	6,889
599215	Trust Officer	NS	1,216	927
599311	Debt Collector	NS	5,838	4,674

599411	Human Resource Clerk	NS	13,960	10,141
599511	Customs Officer	NS	971	849
599512	Immigration Officer	NS	3,776	3,286
599513	Motor Vehicle Licence Examiner	NS	1,568	1,028
599514	Noxious Weeds and Pest Inspector	NS	1,370	740
599515	Social Security Assessor	NS	13,409	8,419
599516	Taxation Inspector	NS	4,559	4,049
599517	Train Examiner	NS	144	81
599518	Transport Operations Inspector	NS	1,243	1,080
599521	Water Inspector	NS	285	154
599599	Inspectors and Regulatory Officers nec	NS	13,172	8,886
599611	Insurance Investigator	NS	404	327
599612	Insurance Loss Adjuster	S	3,765	2,959
599613	Insurance Risk Surveyor	NS	963	859
599711	Library Assistant	NS	5,688	3,433
599912	Production Assistant (Film, Television, Radio or Stage)	NS	1,423	1,248
599913	Proof Reader	NS	272	195
599914	Radio Despatcher	NS	3,615	2,327
599915	Clinical Coder	NS	1,636	1,044
599916	Facilities Administrator	NS	3,809	2,778
599999	Clerical and Administrative Workers nec	NS	8,456	6,837
611111	Auctioneer	NS	567	370
611112	Stock and Station Agent	NS	2,199	249
611211	Insurance Agent	NS	10,369	8,371
611311	Sales Representative (Building and Plumbing Supplies)	NS	9,001	6,462
611312	Sales Representative (Business Services)	NS	15,901	12,784
611313	Sales Representative (Motor Vehicle Parts and Accessories)	NS	3,932	2,873
611314	Sales Representative (Personal and Household Goods)	NS	24,847	19,608
611399	Sales Representatives nec	NS	17,075	13,417
612111	Business Broker	NS	584	447
612112	Property Manager	NS	39,202	27,484
612113	Real Estate Agency Principal	NS	7,155	5,214
612114	Real Estate Agent	NS	24,874	17,397
612115	Real Estate Representative	NS	13,217	9,333
621311	Motor Vehicle or Caravan Salesperson	NS	14,450	9,783
621312	Motor Vehicle Parts Interpreter	NS	17,619	10,104
621411	Pharmacy Sales Assistant	NS	35,186	22,143
621511	Retail Supervisor	NS	33,271	22,031
639211	Retail Buyer	NS	4,240	3,632
639212	Wool Buyer	NS	193	66
639511	Visual Merchandiser	NS	4,669	3,721
639911	Other Sales Support Worker	NS	13,217	9,273
711111	Clay Products Machine Operator	NS	530	400
711112	Concrete Products Machine Operator	NS	595	331
711113	Glass Production Machine Operator	NS	1,252	1,102
711114	Stone Processing Machine Operator	NS	284	188
711199	Clay, Concrete, Glass and Stone Processing Machinery Operators nec	NS	207	178
711211	Industrial Spraypainter	S	4,962	3,104

711311	Paper Products Machine Operator	NS	1,909	1,549
711313	Sawmilling Operator	NS	1,413	248
711314	Other Wood Processing Machine Operator	NS	1,984	761
711411	Photographic Developer and Printer	NS	1,156	861
711511	Plastic Cablemaking Machine Operator	NS	56	56
711512	Plastic Compounding and Reclamation Machine O	NS	59	45
711513	Plastics Fabricator or Welder	NS	904	529
711514	Plastics Production Machine Operator (General)	S	1,981	1,754
711515	Reinforced Plastic and Composite Production Wor	S	826	461
711516	Rubber Production Machine Operator	S	1,538	911
711599	Plastics and Rubber Production Machine Operator	NS	148	106
711611	Sewing Machinist	NS	7,992	5,944
711711	Footwear Production Machine Operator	NS	136	104
711712	Hide and Skin Processing Machine Operator	NS	155	81
711713	Knitting Machine Operator	NS	54	43
711714	Textile Dyeing and Finishing Machine Operator	NS	94	58
711715	Weaving Machine Operator	NS	221	133
711716	Yarn Carding and Spinning Machine Operator	NS	215	34
711799	Textile and Footwear Production Machine Operato	NS	393	287
711911	Chemical Production Machine Operator	NS	3,059	2,380
711912	Motion Picture Projectionist	NS	99	47
711913	Sand Blaster	NS	669	328
711914	Sterilisation Technician	NS	4,784	3,436
711999	Machine Operators nec	NS	4,694	3,189
712111	Crane, Hoist or Lift Operator	S	10,808	6,299
712211	Driller	S	8,074	3,927
712212	Miner	S	40,570	10,586
712213	Shot Firer	S	2,607	990
712311	Engineering Production Worker	NS	17,886	11,223
712911	Boiler or Engine Operator	NS	544	117
712912	Bulk Materials Handling Plant Operator	NS	2,837	836
712913	Cement Production Plant Operator	NS	311	144
712914	Concrete Batching Plant Operator	NS	788	362
712915	Concrete Pump Operator	NS	2,158	1,438
712916	Paper and Pulp Mill Operator	NS	1,080	718
712917	Railway Signal Operator	NS	1,223	702
712918	Train Controller	S	1,289	871
712921	Waste Water or Water Plant Operator	NS	5,245	2,090
712922	Weighbridge Operator	NS	1,056	522
712999	Stationary Plant Operators nec	NS	4,824	1,991
721111	Agricultural and Horticultural Mobile Plant Operatc	R	9,318	1,321
721112	Logging Plant Operator	R	1,166	100
721211	Earthmoving Plant Operator (General)	S	3,656	1,549
721212	Backhoe Operator	NS	431	184
721213	Bulldozer Operator	S	1,457	286
721214	Excavator Operator	S	10,614	5,931
721215	Grader Operator	S	2,126	467
721216	Loader Operator	S	5,104	2,458

721311	Forklift Driver	NS	56,046	44,664
721911	Aircraft Baggage Handler and Airline Ground Crew	S	4,033	3,180
721912	Linemarkers	S	983	636
721913	Paving Plant Operator	NS	250	128
721914	Railway Track Plant Operator	S	389	195
721915	Road Roller Operator	S	641	188
721916	Streetsweeper Operator	S	622	423
721999	Mobile Plant Operators nec	S	1,416	954
731111	Chauffeur	NS	1,859	1,494
731112	Taxi Driver	NS	13,803	9,728
731199	Automobile Drivers nec	NS	20,129	17,345
731211	Bus Driver	S	34,234	22,717
731212	Charter and Tour Bus Driver	NS	1,542	907
731213	Passenger Coach Driver	NS	1,759	834
731311	Train Driver	S	11,226	5,490
731312	Tram Driver	S	1,594	1,513
732111	Delivery Driver	NS	70,090	50,468
733111	Truck Driver (General)	S	148,374	86,122
733112	Aircraft Refueller	NS	707	421
733113	Furniture Removalist	NS	5,830	4,247
733114	Tanker Driver	NS	3,809	1,684
733115	Tow Truck Driver	NS	2,621	1,784
741111	Storeperson	NS	134,656	109,937
811611	Carpet Cleaner	NS	2,436	1,393
821311	Fencer	NS	9,284	4,208
821411	Building Insulation Installer	NS	4,416	3,376
821412	Home Improvement Installer	S	12,663	8,037
821611	Railway Track Worker	S	4,817	2,745
821711	Construction Rigger	S	7,358	4,869
821712	Scaffolder	S	8,314	5,216
821713	Steel Fixer	S	3,960	3,114
821714	Structural Steel Erector	S	383	294
821911	Crane Chaser	S	833	569
831211	Meat Boner and Slicer	S	6,122	2,297
831212	Slaughterer	S	1,776	359
839311	Product Examiner	NS	3,985	3,109
839312	Product Grader	NS	1,885	681
839313	Product Tester	NS	1,893	1,205
841311	Forestry Worker	NS	1,251	306
841312	Logging Assistant	NS	194	38
841313	Tree Faller	NS	591	84
841913	Pest Controller	NS	6,094	3,410
899211	Deck Hand	NS	2,522	1,209
899212	Fishing Hand	NS	2,714	563
899411	Motor Vehicle Parts and Accessories Fitter (General)	S	2,705	1,759
899412	Autoglazier	NS	2,136	1,246
899413	Exhaust and Muffler Repairer	NS	183	105
899414	Radiator Repairer	NS	240	120

899415	Tyre Fitter	NS	6,642	3,227
899511	Printer's Assistant	NS	1,579	1,314
899512	Printing Table Worker	NS	574	458

Census 2021)	Employment share		2024 Predicted fill rate			2024 Proportion of the CIs below 67 (%)		
	Metro	Regional	Overall	Metro	Regional	Overall	Metro	Regional
16,997	78%	22%	83%	83%	81%	0%	0%	4%
14,380	76%	24%	87%	89%	85%	0%	0%	0%
1,374	20%	80%	64%	65%	63%	65%	61%	65%
264	1%	97%	61%	62%	61%	75%	69%	72%
491	55%	45%	78%	78%	77%	10%	17%	25%
6,441	21%	78%	81%	82%	80%	0%	0%	8%
10,000	4%	96%	77%	79%	77%	14%	16%	24%
3,133	26%	74%	76%	78%	76%	17%	21%	28%
1,876	20%	80%	77%	78%	76%	15%	18%	26%
2,445	0%	100%	61%	63%	61%	72%	67%	70%
201	50%	51%	62%	63%	61%	71%	67%	71%
2,708	57%	43%	79%	80%	78%	3%	10%	20%
1,293	42%	58%	77%	78%	77%	12%	18%	25%
1,216	22%	78%	61%	64%	61%	72%	63%	71%
25,970	9%	91%	76%	77%	76%	20%	23%	29%
8,346	6%	94%	73%	75%	72%	35%	32%	41%
9	20%	45%	75%	76%	75%	23%	27%	33%
208	6%	96%	66%	69%	66%	58%	50%	58%
772	35%	65%	75%	77%	75%	22%	23%	33%
6,109	5%	95%	72%	74%	72%	37%	36%	42%
665	8%	92%	61%	65%	61%	73%	62%	71%
1,615	38%	62%	71%	73%	70%	41%	40%	47%
10,044	3%	97%	66%	67%	66%	60%	56%	60%
709	26%	76%	77%	78%	76%	15%	17%	26%
22,151	3%	97%	72%	73%	72%	38%	38%	43%
19,666	83%	17%	67%	66%	63%	50%	63%	72%
234	89%	11%	77%	77%	75%	16%	24%	32%
1,639	85%	15%	79%	78%	80%	0%	0%	0%
2,424	74%	25%	79%	80%	81%	0%	0%	0%
9,836	83%	17%	84%	89%	75%	0%	0%	0%
11,650	79%	21%	78%	80%	72%	0%	0%	16%
7,750	85%	15%	83%	83%	81%	0%	0%	4%
2,240	85%	15%	72%	73%	65%	23%	21%	61%
807	49%	51%	73%	77%	71%	32%	18%	44%
18,976	60%	40%	65%	66%	64%	61%	58%	63%
14,127	76%	23%	71%	71%	68%	12%	11%	46%
522	84%	16%	70%	71%	67%	45%	47%	56%
2,740	75%	25%	78%	79%	76%	7%	15%	27%
4,939	69%	31%	82%	83%	80%	0%	0%	7%
477	20%	78%	60%	62%	60%	75%	69%	73%

9,957	71%	29%	81%	82%	82%	0%	0%	0%
4,798	56%	44%	76%	77%	76%	0%	0%	0%
6,699	78%	22%	79%	82%	75%	0%	0%	3%
4,276	81%	19%	70%	71%	66%	29%	20%	58%
4,063	72%	28%	71%	71%	71%	0%	4%	23%
1,024	71%	28%	77%	79%	75%	0%	0%	11%
898	63%	37%	64%	65%	62%	65%	62%	68%
101	61%	38%	51%	52%	50%	100%	90%	95%
529	62%	38%	69%	70%	67%	48%	48%	55%
7,908	65%	35%	75%	76%	73%	25%	29%	38%
9,542	61%	39%	79%	85%	74%	0%	0%	3%
1,408	73%	27%	72%	73%	70%	36%	38%	48%
512	68%	32%	72%	73%	70%	38%	40%	49%
861	79%	21%	71%	71%	68%	42%	44%	53%
754	90%	10%	70%	71%	67%	44%	46%	56%
4,700	90%	9%	84%	86%	79%	0%	0%	0%
903	90%	10%	77%	77%	74%	13%	22%	34%
547	75%	25%	75%	76%	73%	24%	28%	40%
954	66%	34%	72%	73%	70%	39%	40%	49%
720	75%	26%	72%	72%	69%	39%	41%	51%
3,902	79%	20%	74%	79%	60%	0%	0%	91%
668	78%	23%	75%	76%	73%	23%	28%	40%
8,320	75%	25%	79%	79%	77%	4%	13%	23%
16,732	70%	30%	71%	73%	65%	16%	1%	68%
2,755	16%	83%	75%	76%	75%	25%	27%	33%
9,746	48%	52%	74%	72%	74%	0%	12%	0%
2,348	59%	41%	74%	72%	76%	0%	6%	0%
1,117	31%	69%	75%	76%	74%	26%	29%	35%
473	64%	36%	75%	76%	74%	23%	28%	34%
1,475	85%	15%	72%	73%	69%	4%	0%	41%
62,166	66%	34%	73%	72%	74%	0%	0%	0%
256	62%	37%	73%	74%	72%	31%	34%	42%
64	82%	16%	74%	74%	71%	31%	36%	46%
1,646	71%	29%	64%	64%	60%	71%	73%	84%
1,403	54%	46%	74%	75%	73%	28%	31%	39%
323	73%	26%	73%	73%	71%	34%	37%	45%
766	72%	28%	78%	79%	76%	9%	17%	27%
1,697	72%	28%	86%	90%	83%	0%	0%	0%
1,581	68%	32%	79%	81%	80%	0%	0%	0%
803	79%	21%	78%	79%	76%	6%	14%	27%
8,783	78%	22%	87%	88%	87%	0%	0%	0%
4,393	78%	22%	76%	78%	69%	0%	0%	41%
847	75%	25%	78%	79%	76%	8%	16%	27%
160	82%	17%	74%	75%	72%	28%	33%	43%
3,936	65%	35%	73%	74%	71%	35%	37%	47%
257	46%	51%	74%	74%	73%	31%	34%	39%
409	73%	27%	73%	74%	72%	32%	35%	43%
5,660	74%	26%	83%	85%	80%	0%	0%	0%

2,468	73%	27%	82%	85%	76%	0%	0%	0%
1,195	62%	37%	72%	73%	71%	36%	38%	46%
6,755	69%	31%	80%	81%	78%	0%	5%	17%
232	85%	15%	69%	69%	66%	49%	50%	58%
151	84%	15%	60%	61%	58%	75%	71%	77%
302	75%	24%	77%	78%	76%	12%	20%	27%
650	75%	25%	75%	76%	73%	23%	29%	38%
68	86%	16%	46%	47%	43%	100%	100%	100%
64	87%	13%	48%	49%	45%	100%	99%	100%
1,109	77%	23%	63%	64%	60%	68%	65%	73%
121	78%	21%	71%	72%	69%	41%	43%	50%
8	93%	14%	66%	66%	65%	58%	58%	60%
3,499	70%	30%	81%	82%	79%	0%	0%	13%
1,161	59%	41%	77%	78%	75%	15%	19%	31%
404	55%	45%	72%	73%	71%	37%	39%	46%
274	56%	43%	72%	73%	70%	39%	39%	49%
655	67%	33%	81%	82%	80%	0%	0%	11%
79	77%	22%	56%	57%	53%	88%	81%	88%
857	89%	11%	77%	74%	74%	0%	17%	35%
620	60%	40%	74%	75%	73%	27%	30%	40%
75	83%	17%	72%	73%	70%	35%	39%	49%
935	75%	25%	72%	73%	71%	35%	39%	45%
185	85%	16%	75%	75%	73%	26%	32%	39%
24	86%	11%	65%	65%	60%	63%	61%	74%
445	81%	19%	64%	65%	61%	64%	61%	71%
77	86%	14%	50%	51%	45%	100%	94%	100%
481	86%	15%	72%	73%	68%	37%	40%	54%
250	80%	20%	70%	71%	66%	46%	46%	59%
24	90%	8%	60%	60%	55%	76%	72%	84%
67	85%	14%	53%	54%	48%	96%	87%	100%
311	84%	16%	68%	69%	65%	51%	51%	62%
132	83%	16%	70%	70%	66%	46%	47%	60%
481	83%	16%	76%	76%	74%	19%	26%	36%
742	82%	18%	79%	78%	80%	0%	0%	0%
871	69%	31%	60%	68%	53%	100%	48%	100%
167	68%	34%	60%	60%	58%	77%	72%	77%
710	82%	18%	82%	83%	81%	0%	0%	0%
171	82%	17%	56%	56%	53%	89%	82%	89%
317	81%	19%	67%	67%	64%	57%	56%	64%
23,969	83%	17%	73%	77%	67%	0%	0%	51%
920	86%	14%	73%	79%	70%	15%	0%	39%
1,965	84%	16%	28%	23%	22%	100%	100%	100%
158	85%	15%	63%	63%	60%	68%	66%	74%
232	95%	5%	74%	77%	72%	25%	17%	43%
1,522	88%	12%	36%	32%	30%	100%	100%	100%
721	88%	12%	66%	65%	62%	56%	64%	74%
799	64%	35%	66%	68%	64%	58%	55%	64%
3,331	81%	19%	62%	57%	59%	73%	87%	75%

2,847	76%	25%	64%	60%	69%	80%	100%	42%
93	85%	13%	57%	58%	53%	85%	78%	89%
124	90%	9%	59%	60%	56%	79%	74%	82%
3	83%	3%	61%	61%	58%	75%	72%	77%
614	88%	11%	68%	68%	65%	52%	53%	60%
1,659	86%	14%	64%	65%	61%	65%	63%	71%
2,506	43%	57%	70%	72%	69%	43%	43%	50%
987	90%	10%	70%	70%	67%	45%	47%	56%
6,606	80%	20%	81%	83%	77%	0%	0%	0%
7,417	77%	22%	62%	58%	70%	100%	100%	37%
711	82%	18%	66%	66%	60%	60%	62%	90%
298	83%	17%	69%	68%	67%	45%	51%	57%
5,310	72%	28%	77%	80%	70%	0%	0%	30%
70	96%	3%	60%	64%	57%	79%	65%	80%
49	93%	8%	57%	57%	54%	84%	79%	86%
413	88%	12%	74%	77%	72%	9%	0%	34%
170	84%	17%	66%	67%	64%	57%	57%	64%
286	79%	21%	57%	57%	54%	86%	79%	87%
411	80%	21%	58%	58%	55%	83%	77%	85%
448	78%	22%	73%	74%	71%	33%	36%	45%
302	91%	9%	52%	53%	48%	98%	89%	100%
641	83%	17%	66%	67%	63%	58%	57%	67%
1,585	90%	10%	77%	79%	74%	0%	0%	35%
1,499	83%	17%	68%	68%	64%	51%	50%	63%
1,541	70%	30%	51%	52%	49%	100%	91%	99%
2,089	74%	26%	83%	86%	82%	0%	0%	0%
8,130	87%	13%	81%	82%	79%	0%	0%	15%
1,449	85%	15%	80%	80%	78%	0%	0%	20%
651	75%	25%	76%	77%	74%	17%	22%	36%
4,760	80%	20%	69%	67%	70%	31%	52%	34%
235	92%	8%	77%	77%	74%	15%	23%	36%
45	87%	10%	71%	71%	65%	42%	44%	62%
5,560	89%	11%	78%	79%	76%	7%	16%	29%
627	91%	9%	65%	60%	66%	64%	94%	60%
246	92%	8%	76%	75%	74%	0%	2%	37%
2,354	68%	32%	78%	83%	71%	0%	0%	23%
572	91%	9%	78%	78%	75%	11%	20%	32%
381	92%	8%	78%	78%	75%	9%	19%	31%
863	90%	10%	79%	80%	77%	0%	11%	25%
3,478	82%	18%	78%	79%	76%	0%	0%	0%
4,785	70%	30%	61%	59%	60%	100%	100%	95%
1,617	83%	17%	65%	62%	65%	73%	98%	62%
533	77%	23%	56%	50%	49%	94%	100%	100%
2,728	67%	33%	53%	54%	52%	95%	86%	92%
372	77%	23%	63%	64%	61%	67%	64%	71%
372	61%	39%	43%	44%	41%	100%	100%	100%
710	36%	63%	45%	46%	44%	100%	100%	100%
355	66%	34%	66%	67%	64%	59%	57%	64%

427	24%	74%	40%	40%	39%	100%	100%	100%
786	59%	40%	52%	53%	52%	98%	89%	92%
2,125	41%	58%	47%	48%	46%	100%	100%	100%
214	57%	39%	43%	43%	43%	100%	100%	100%
185	62%	38%	51%	52%	50%	100%	91%	96%
239	49%	51%	53%	54%	52%	96%	86%	91%
2,272	88%	12%	65%	67%	57%	72%	48%	100%
650	83%	17%	67%	68%	67%	49%	44%	53%
3,430	65%	35%	36%	35%	38%	100%	100%	100%
70	73%	22%	66%	67%	64%	58%	57%	65%
10,464	85%	15%	73%	71%	74%	0%	15%	7%
692	81%	19%	69%	70%	66%	48%	43%	58%
631	88%	13%	66%	66%	63%	60%	59%	67%
182	75%	26%	62%	63%	60%	69%	65%	73%
5,588	80%	20%	84%	86%	83%	0%	0%	0%
951	73%	27%	65%	66%	63%	61%	59%	66%
437	87%	13%	77%	77%	74%	16%	23%	34%
1,062	80%	20%	73%	73%	68%	8%	10%	50%
689	85%	15%	83%	83%	82%	0%	0%	0%
3,892	72%	28%	63%	67%	57%	90%	51%	100%
588	81%	19%	56%	57%	52%	89%	81%	92%
152	77%	23%	51%	52%	45%	100%	91%	100%
6,384	78%	22%	56%	54%	57%	100%	100%	100%
1,890	84%	16%	75%	76%	71%	0%	0%	32%
440	87%	13%	53%	56%	44%	100%	100%	100%
1,450	84%	16%	60%	60%	64%	96%	97%	68%
903	81%	18%	59%	65%	55%	80%	62%	84%
3,441	81%	19%	58%	59%	57%	100%	100%	100%
541	90%	11%	64%	66%	60%	77%	62%	82%
525	78%	21%	67%	70%	69%	56%	43%	47%
4,501	80%	20%	60%	61%	59%	100%	100%	100%
885	81%	19%	63%	64%	62%	85%	72%	82%
1,754	70%	30%	41%	38%	43%	100%	100%	100%
149	94%	6%	44%	45%	41%	100%	100%	100%
304	78%	22%	44%	45%	42%	100%	100%	100%
84	29%	67%	31%	34%	31%	100%	100%	100%
133	90%	10%	46%	47%	44%	100%	100%	100%
78	81%	21%	43%	43%	41%	100%	100%	100%
355	78%	22%	64%	64%	62%	65%	63%	69%
74	78%	19%	41%	41%	40%	100%	100%	100%
488	87%	13%	58%	59%	55%	81%	76%	84%
1,359	33%	68%	59%	66%	52%	85%	59%	100%
2,418	29%	71%	41%	38%	40%	100%	100%	100%
889	21%	79%	48%	50%	47%	100%	96%	100%
599	84%	16%	73%	73%	73%	0%	0%	21%
228	83%	16%	58%	58%	55%	83%	77%	84%
1,204	36%	64%	57%	58%	56%	85%	77%	82%
2,264	55%	45%	80%	82%	79%	0%	0%	0%

1,496	71%	29%	69%	69%	68%	35%	34%	45%
1,926	65%	35%	60%	63%	54%	100%	83%	100%
2,430	22%	78%	69%	72%	68%	50%	43%	55%
465	62%	39%	68%	70%	66%	51%	49%	59%
1,564	76%	24%	54%	51%	57%	100%	100%	100%
95	89%	11%	58%	62%	54%	85%	70%	88%
143	85%	14%	52%	53%	47%	99%	90%	100%
44	85%	15%	54%	54%	57%	96%	86%	81%
14	88%	10%	48%	48%	43%	100%	99%	100%
66	92%	7%	68%	74%	65%	52%	25%	61%
719	84%	15%	67%	69%	67%	50%	37%	53%
301	61%	40%	42%	43%	42%	100%	100%	100%
99	86%	13%	71%	79%	70%	33%	0%	42%
317	62%	38%	63%	64%	62%	67%	63%	70%
148	88%	12%	64%	65%	62%	64%	62%	69%
2,450	88%	12%	74%	75%	73%	0%	0%	9%
4,362	61%	39%	40%	47%	29%	100%	100%	100%
79	88%	15%	51%	51%	49%	100%	93%	97%
345	68%	32%	53%	54%	52%	96%	87%	92%
80	88%	11%	66%	66%	65%	57%	58%	61%
221	85%	15%	52%	52%	50%	100%	91%	96%
1,581	69%	31%	64%	64%	63%	65%	63%	67%
230	85%	16%	78%	82%	79%	7%	0%	11%
9,153	69%	30%	55%	60%	47%	100%	100%	100%
57,382	65%	35%	74%	72%	77%	0%	0%	0%
207	65%	34%	60%	61%	57%	77%	70%	81%
53,460	66%	34%	74%	77%	70%	0%	0%	23%
8,459	63%	37%	58%	55%	61%	100%	100%	91%
211	71%	31%	63%	64%	62%	66%	64%	68%
58	68%	31%	72%	73%	70%	38%	40%	48%
209	69%	30%	56%	53%	53%	100%	100%	88%
8,094	79%	20%	77%	79%	71%	0%	0%	29%
1,481	84%	16%	76%	77%	74%	18%	25%	36%
10,291	66%	34%	56%	55%	49%	100%	100%	100%
2,838	74%	26%	77%	78%	75%	13%	20%	31%
428	72%	27%	75%	76%	73%	25%	29%	39%
451	74%	26%	74%	75%	72%	29%	33%	42%
1,963	73%	27%	77%	78%	75%	14%	21%	31%
113	76%	25%	67%	67%	65%	56%	56%	62%
2,443	79%	21%	73%	74%	71%	33%	36%	45%
1,533	85%	15%	75%	75%	73%	26%	31%	40%
877	84%	16%	69%	69%	67%	50%	51%	57%
1,721	68%	32%	81%	87%	80%	0%	0%	0%
350	71%	29%	68%	69%	66%	52%	52%	59%
3,064	70%	30%	56%	64%	48%	100%	80%	100%
636	71%	29%	66%	66%	66%	64%	59%	61%
213	73%	26%	62%	63%	59%	71%	67%	75%
1,819	70%	30%	37%	35%	38%	100%	100%	100%

1,590	63%	37%	69%	75%	63%	31%	0%	81%
6,444	69%	31%	77%	80%	72%	0%	0%	18%
1,343	74%	26%	55%	62%	46%	100%	93%	100%
154	85%	14%	64%	65%	61%	65%	63%	72%
1,331	76%	25%	65%	75%	51%	68%	8%	100%
76	94%	7%	68%	68%	64%	53%	54%	63%
5,653	74%	26%	55%	61%	44%	100%	100%	100%
1,766	65%	35%	72%	75%	68%	23%	9%	50%
142	71%	26%	48%	49%	45%	100%	99%	100%
217	86%	13%	63%	64%	61%	67%	65%	72%
1,373	69%	31%	64%	65%	62%	65%	62%	69%
689	70%	30%	60%	61%	57%	77%	71%	79%
389	73%	28%	65%	66%	63%	62%	59%	66%
27	69%	23%	65%	66%	64%	61%	59%	64%
917	62%	38%	71%	72%	70%	39%	41%	48%
182	83%	17%	72%	72%	69%	39%	42%	50%
341	70%	29%	63%	63%	61%	69%	65%	72%
216	83%	16%	58%	58%	54%	83%	77%	86%
3,438	76%	24%	59%	63%	53%	100%	90%	100%
6,218	68%	32%	48%	53%	40%	100%	100%	100%
7,969	72%	28%	51%	53%	48%	100%	100%	100%
1,409	70%	30%	46%	54%	36%	100%	100%	100%
735	72%	28%	51%	58%	46%	100%	100%	100%
3,226	71%	29%	32%	34%	25%	100%	100%	100%
13,930	71%	29%	27%	24%	26%	100%	100%	100%
3,871	76%	24%	52%	44%	71%	100%	100%	18%
1,321	77%	23%	46%	47%	42%	100%	100%	100%
213	71%	27%	44%	45%	41%	100%	100%	100%
199	83%	17%	43%	44%	40%	100%	100%	100%
34	82%	18%	42%	43%	37%	100%	100%	100%
171	81%	18%	45%	46%	41%	100%	100%	100%
43	86%	14%	48%	48%	44%	100%	100%	100%
100	82%	18%	48%	49%	44%	100%	98%	100%
224	77%	22%	42%	43%	40%	100%	100%	100%
82	85%	14%	52%	53%	48%	99%	90%	100%
490	80%	20%	44%	45%	42%	100%	100%	100%
60	76%	25%	51%	52%	46%	100%	90%	100%
25	90%	10%	56%	57%	51%	87%	80%	93%
44	88%	13%	49%	50%	43%	100%	96%	100%
339	81%	19%	49%	50%	46%	100%	96%	100%
855	80%	20%	31%	32%	26%	100%	100%	100%
234	67%	32%	41%	43%	39%	100%	100%	100%
22	89%	13%	37%	38%	35%	100%	100%	100%
38	87%	13%	47%	48%	44%	100%	100%	100%
386	75%	25%	44%	45%	42%	100%	100%	100%
77	77%	22%	48%	49%	44%	100%	98%	100%
13	90%	10%	48%	48%	44%	100%	100%	100%
77	86%	16%	44%	44%	41%	100%	100%	100%

105	74%	25%	39%	39%	36%	100%	100%	100%
40	80%	22%	45%	45%	42%	100%	100%	100%
100	86%	15%	52%	53%	49%	98%	89%	98%
1,195	70%	30%	54%	55%	52%	94%	85%	92%
462	76%	25%	44%	44%	41%	100%	100%	100%
205	82%	20%	53%	53%	50%	97%	88%	96%
512	81%	19%	56%	57%	53%	88%	80%	89%
541	81%	19%	41%	42%	39%	100%	100%	100%
72	74%	22%	50%	50%	47%	100%	95%	100%
220	80%	21%	59%	59%	56%	80%	74%	82%
6,825	65%	35%	37%	36%	39%	100%	100%	100%
1,584	68%	32%	66%	68%	64%	58%	44%	68%
187	85%	15%	56%	56%	52%	89%	82%	90%
6,997	66%	34%	74%	76%	74%	0%	0%	3%
826	67%	33%	65%	72%	63%	61%	41%	65%
1,580	78%	22%	41%	35%	38%	100%	100%	100%
15,349	60%	40%	47%	53%	37%	100%	100%	100%
14,668	65%	35%	48%	42%	51%	100%	100%	100%
7	61%	25%	49%	49%	48%	100%	97%	100%
1,714	69%	31%	59%	60%	57%	80%	73%	81%
5,689	69%	31%	59%	59%	59%	86%	85%	80%
8,227	69%	31%	60%	61%	59%	95%	82%	92%
1,420	73%	27%	61%	62%	58%	74%	69%	77%
8,357	67%	33%	65%	73%	59%	64%	25%	94%
5,246	73%	27%	67%	71%	68%	54%	37%	51%
5,949	63%	37%	68%	72%	68%	48%	37%	49%
4,536	61%	39%	72%	78%	68%	26%	0%	47%
10,347	68%	32%	79%	84%	81%	0%	0%	0%
1,492	93%	7%	73%	76%	61%	0%	0%	84%
1,252	91%	9%	75%	77%	73%	8%	0%	39%
128	88%	12%	67%	67%	64%	56%	56%	65%
1,331	85%	15%	69%	67%	71%	27%	49%	31%
424	90%	9%	65%	65%	63%	60%	62%	66%
4,359	90%	10%	61%	59%	57%	96%	100%	93%
3,562	93%	6%	68%	67%	66%	38%	49%	57%
434	95%	5%	54%	38%	51%	100%	100%	94%
104	92%	7%	66%	66%	63%	58%	58%	67%
695	88%	12%	74%	75%	67%	0%	0%	55%
1,233	91%	9%	69%	69%	65%	35%	33%	65%
2,433	83%	17%	81%	83%	77%	0%	0%	0%
1,514	90%	10%	69%	71%	61%	33%	10%	86%
971	81%	19%	70%	73%	70%	39%	27%	44%
130	92%	8%	63%	63%	60%	67%	65%	72%
86	91%	9%	65%	63%	61%	65%	73%	70%
776	92%	8%	67%	66%	65%	54%	57%	61%
95	94%	5%	80%	82%	79%	0%	0%	15%
188	93%	6%	79%	80%	76%	0%	0%	29%
233	91%	9%	62%	62%	57%	71%	68%	79%

601	90%	10%	73%	73%	69%	32%	35%	50%
1,239	86%	14%	58%	59%	55%	81%	75%	84%
52	94%	6%	63%	63%	59%	69%	67%	74%
1,501	86%	14%	61%	62%	59%	73%	70%	75%
10,376	85%	15%	61%	64%	55%	100%	77%	100%
666	70%	29%	70%	71%	68%	45%	45%	55%
1,087	57%	44%	73%	79%	72%	27%	6%	36%
643	66%	35%	69%	73%	64%	44%	29%	64%
572	71%	29%	61%	59%	63%	85%	92%	71%
1,400	66%	34%	59%	62%	49%	94%	77%	100%
1,660	71%	28%	71%	72%	67%	30%	24%	55%
5,477	69%	31%	63%	64%	61%	68%	64%	72%
5,749	74%	26%	54%	56%	47%	100%	100%	100%
1,387	66%	33%	50%	45%	47%	100%	100%	100%
85	86%	14%	56%	56%	53%	89%	82%	89%
946	76%	23%	55%	55%	52%	92%	83%	91%
328	76%	24%	46%	49%	40%	100%	100%	100%
86	80%	17%	62%	63%	59%	70%	67%	75%
528	86%	13%	87%	90%	85%	0%	0%	0%
252	84%	15%	72%	73%	69%	37%	40%	50%
194	75%	26%	53%	53%	50%	97%	88%	95%
702	78%	23%	67%	68%	64%	55%	54%	63%
9,227	67%	33%	67%	73%	61%	47%	2%	92%
236	57%	41%	69%	71%	67%	48%	45%	57%
730	57%	43%	78%	82%	79%	0%	0%	0%
14,027	59%	41%	79%	81%	78%	0%	0%	0%
1,585	34%	66%	55%	58%	53%	91%	78%	89%
119	84%	16%	55%	55%	54%	90%	83%	87%
186	80%	19%	55%	55%	53%	92%	84%	90%
1,367	82%	18%	85%	90%	80%	0%	0%	0%
384	71%	28%	55%	56%	53%	89%	81%	89%
2,689	61%	39%	66%	67%	65%	62%	53%	64%
3,551	70%	30%	73%	78%	67%	0%	0%	54%
927	65%	35%	62%	63%	60%	70%	66%	73%
257	37%	62%	55%	57%	53%	92%	81%	88%
340	28%	69%	25%	27%	24%	100%	100%	100%
327	70%	28%	67%	68%	66%	55%	54%	60%
232	44%	56%	41%	43%	40%	100%	100%	100%
1,342	67%	32%	79%	81%	79%	0%	0%	0%
900	60%	40%	69%	72%	65%	45%	29%	64%
667	74%	26%	70%	70%	68%	46%	47%	54%
942	68%	33%	83%	87%	83%	0%	0%	0%
341	50%	50%	63%	64%	61%	68%	64%	70%
399	73%	26%	57%	54%	55%	91%	98%	85%
3,560	74%	25%	75%	76%	76%	0%	0%	0%
11,459	70%	30%	80%	81%	80%	0%	0%	0%
2,111	67%	33%	48%	48%	44%	100%	100%	100%
1,768	75%	25%	62%	64%	56%	100%	84%	100%

158	52%	45%	45%	47%	44%	100%	100%	100%
439	64%	37%	53%	54%	50%	97%	87%	95%
412	74%	26%	63%	64%	61%	67%	64%	71%
1,915	72%	28%	50%	53%	44%	100%	100%	100%
1,545	55%	44%	61%	64%	60%	78%	65%	74%
639	70%	29%	61%	60%	68%	94%	100%	48%
2,375	65%	35%	69%	69%	76%	33%	39%	0%
30	77%	21%	54%	55%	51%	92%	84%	92%
703	80%	20%	58%	59%	52%	100%	100%	100%
771	75%	25%	33%	34%	32%	100%	100%	100%
384	67%	33%	27%	27%	26%	100%	100%	100%
1,483	66%	34%	66%	67%	66%	59%	50%	57%
3,836	54%	46%	71%	75%	70%	12%	0%	33%
1,710	58%	41%	51%	56%	43%	100%	100%	100%
4,879	34%	66%	69%	74%	68%	42%	22%	49%
1,849	67%	33%	57%	58%	55%	85%	78%	85%
348	77%	24%	54%	54%	51%	95%	86%	93%
7,897	83%	17%	87%	89%	88%	0%	0%	0%
422	84%	15%	68%	69%	66%	51%	52%	59%
172	79%	20%	49%	49%	47%	100%	97%	100%
233	66%	33%	33%	34%	32%	100%	100%	100%
163	80%	19%	41%	41%	40%	100%	100%	100%
81	92%	9%	49%	49%	46%	100%	97%	100%
132	81%	19%	42%	43%	40%	100%	100%	100%
3,900	53%	46%	34%	37%	32%	100%	100%	100%
30,661	61%	39%	40%	39%	41%	100%	100%	100%
3,680	50%	50%	34%	33%	36%	100%	100%	100%
935	52%	48%	23%	20%	25%	100%	100%	100%
1,065	41%	59%	30%	30%	29%	100%	100%	100%
95	60%	39%	37%	39%	34%	100%	100%	100%
94	79%	20%	41%	43%	37%	100%	100%	100%
655	35%	64%	34%	38%	32%	100%	100%	100%
60	60%	36%	39%	41%	36%	100%	100%	100%
56	86%	16%	43%	44%	38%	100%	100%	100%
1,439	68%	32%	34%	31%	44%	100%	100%	100%
21,644	49%	51%	43%	44%	42%	100%	100%	100%
60	57%	50%	21%	22%	21%	100%	100%	100%
7,559	62%	38%	59%	66%	58%	96%	60%	92%
963	58%	43%	21%	15%	31%	100%	100%	100%
764	57%	42%	23%	25%	20%	100%	100%	100%
85	66%	33%	36%	43%	31%	100%	100%	100%
36,579	46%	53%	45%	47%	43%	100%	100%	100%
4,701	48%	52%	38%	43%	37%	100%	100%	100%
408	50%	50%	29%	31%	28%	100%	100%	100%
727	69%	31%	32%	33%	32%	100%	100%	100%
80	68%	32%	32%	33%	31%	100%	100%	100%
3,006	21%	79%	33%	34%	32%	100%	100%	100%
149	66%	33%	42%	43%	40%	100%	100%	100%

63	65%	36%	46%	47%	44%	100%	100%	100%
833	69%	31%	25%	27%	21%	100%	100%	100%
322	81%	19%	52%	53%	49%	99%	90%	98%
185	35%	64%	35%	37%	34%	100%	100%	100%
124	76%	24%	40%	41%	38%	100%	100%	100%
56	73%	32%	40%	41%	39%	100%	100%	100%
295	85%	14%	34%	35%	31%	100%	100%	100%
3,513	66%	34%	31%	32%	31%	100%	100%	100%
1,259	68%	32%	41%	42%	39%	100%	100%	100%
494	62%	38%	27%	28%	27%	100%	100%	100%
2,970	66%	33%	44%	47%	41%	100%	100%	100%
5,637	66%	34%	43%	42%	50%	100%	100%	100%
1,416	70%	30%	30%	30%	28%	100%	100%	100%
1,145	73%	27%	55%	52%	61%	100%	100%	80%
38,388	63%	37%	58%	59%	57%	100%	100%	100%
1,430	66%	34%	36%	38%	35%	100%	100%	100%
2,850	64%	36%	29%	30%	26%	100%	100%	100%
14,948	64%	36%	50%	51%	47%	100%	100%	100%
3,320	61%	39%	40%	43%	34%	100%	100%	100%
6,271	65%	34%	53%	53%	53%	100%	100%	100%
1,288	72%	28%	36%	36%	39%	100%	100%	100%
2,257	64%	35%	32%	30%	42%	100%	100%	100%
5,480	69%	31%	43%	43%	44%	100%	100%	100%
18,217	66%	34%	45%	46%	43%	100%	100%	100%
795	80%	20%	50%	57%	48%	100%	82%	100%
1,352	72%	28%	36%	39%	35%	100%	100%	100%
2,684	64%	35%	39%	47%	38%	100%	100%	100%
3,783	64%	36%	39%	41%	36%	100%	100%	100%
47,733	63%	37%	58%	60%	57%	100%	100%	100%
27	67%	47%	33%	36%	30%	100%	100%	100%
550	84%	16%	28%	28%	26%	100%	100%	100%
6,838	67%	33%	41%	42%	39%	100%	100%	100%
3,533	44%	56%	42%	47%	37%	100%	100%	100%
183	67%	32%	37%	38%	36%	100%	100%	100%
607	70%	30%	45%	46%	44%	100%	100%	100%
263	77%	22%	61%	62%	60%	73%	69%	74%
3,971	73%	27%	49%	52%	40%	100%	100%	100%
303	78%	21%	49%	49%	54%	100%	98%	89%
36	76%	20%	34%	34%	29%	100%	100%	100%
491	67%	34%	26%	22%	26%	100%	100%	100%
88	83%	14%	43%	44%	39%	100%	100%	100%
354	72%	28%	39%	41%	38%	100%	100%	100%
2,980	71%	29%	47%	49%	43%	100%	100%	100%
6,287	66%	34%	57%	60%	52%	100%	100%	100%
1,561	77%	23%	54%	63%	41%	100%	89%	100%
5,941	57%	43%	52%	56%	49%	100%	100%	100%
26,784	70%	30%	69%	76%	63%	21%	0%	100%
14,777	60%	40%	68%	70%	67%	38%	26%	49%

638	64%	36%	60%	61%	58%	77%	71%	79%
1,673	44%	55%	59%	61%	58%	79%	70%	78%
1,893	67%	33%	60%	62%	58%	75%	69%	79%
612	60%	40%	63%	63%	62%	68%	65%	69%
645	58%	42%	58%	59%	56%	83%	75%	83%
2,026	59%	41%	63%	64%	61%	68%	63%	70%
2,302	3%	96%	52%	52%	52%	100%	91%	92%
4,909	62%	38%	54%	56%	52%	93%	83%	91%
1,883	69%	30%	51%	52%	49%	100%	90%	98%
13,483	58%	41%	66%	62%	75%	63%	100%	0%
3,025	57%	43%	36%	35%	39%	100%	100%	100%
7,719	69%	31%	44%	44%	44%	100%	100%	100%
6,122	51%	49%	66%	66%	71%	59%	65%	26%
1,154	57%	43%	42%	43%	41%	100%	100%	100%
19,431	64%	36%	44%	45%	41%	100%	100%	100%
237	82%	18%	49%	50%	47%	100%	96%	100%
295	72%	28%	62%	62%	60%	72%	68%	73%
208	86%	14%	57%	57%	55%	86%	80%	85%
581	84%	17%	48%	48%	47%	100%	99%	100%
51	78%	19%	53%	53%	53%	97%	89%	90%
187	47%	51%	53%	56%	50%	98%	81%	96%
279	41%	58%	49%	53%	46%	100%	88%	100%
62	65%	31%	44%	44%	42%	100%	100%	100%
155	80%	22%	52%	53%	45%	99%	88%	100%
57	88%	16%	46%	46%	43%	100%	100%	100%
35	92%	10%	46%	47%	43%	100%	100%	100%
1,181	77%	23%	66%	67%	64%	58%	57%	64%
78	54%	47%	54%	57%	50%	94%	80%	96%
662	69%	31%	45%	46%	42%	100%	100%	100%
7,587	66%	34%	45%	45%	45%	100%	100%	100%
100	81%	18%	33%	33%	33%	100%	100%	100%
524	68%	32%	56%	57%	54%	87%	79%	86%
281	69%	30%	26%	27%	24%	100%	100%	100%
24	60%	29%	33%	34%	30%	100%	100%	100%
76	46%	50%	41%	41%	40%	100%	100%	100%
1,191	54%	46%	44%	44%	45%	100%	100%	100%
256	70%	31%	29%	29%	30%	100%	100%	100%
607	66%	34%	55%	56%	53%	91%	82%	89%
1,749	54%	46%	51%	52%	50%	100%	92%	96%
1,378	34%	66%	40%	41%	40%	100%	100%	100%
72	72%	26%	61%	61%	59%	75%	71%	76%
1,778	71%	28%	68%	69%	66%	53%	52%	60%
1,124	70%	30%	44%	45%	42%	100%	100%	100%
30	93%	7%	47%	47%	47%	100%	100%	100%
689	76%	24%	48%	48%	46%	100%	100%	100%
179	80%	19%	42%	43%	41%	100%	100%	100%
418	79%	21%	54%	54%	52%	94%	86%	91%
218	76%	26%	45%	45%	43%	100%	100%	100%

525	83%	16%	40%	41%	38%	100%	100%	100%
7	87%	8%	37%	37%	42%	100%	100%	100%
318	80%	20%	46%	46%	44%	100%	100%	100%
2,036	62%	38%	40%	41%	38%	100%	100%	100%
398	55%	44%	43%	44%	43%	100%	100%	100%
370	80%	20%	58%	59%	56%	82%	76%	82%
1,993	67%	32%	67%	68%	65%	53%	41%	64%
70	83%	17%	41%	41%	38%	100%	100%	100%
141	82%	18%	47%	48%	45%	100%	100%	100%
41	83%	20%	39%	40%	37%	100%	100%	100%
430	7%	93%	36%	40%	35%	100%	100%	100%
1,115	73%	27%	60%	63%	55%	100%	88%	100%
1,470	65%	35%	44%	45%	41%	100%	100%	100%
7,483	57%	43%	59%	60%	55%	100%	100%	100%
671	57%	42%	56%	57%	55%	88%	80%	85%
301	77%	23%	59%	59%	57%	79%	74%	80%
328	62%	37%	59%	60%	57%	79%	73%	79%
615	78%	22%	51%	52%	49%	100%	91%	98%
793	69%	31%	56%	57%	54%	88%	80%	88%
1,878	59%	41%	69%	71%	67%	31%	19%	54%
17,423	58%	42%	61%	68%	52%	100%	42%	100%
17	93%	13%	56%	57%	53%	87%	80%	89%
1,306	29%	71%	55%	56%	54%	91%	82%	86%
5,975	63%	37%	66%	67%	64%	59%	56%	64%
11,039	61%	39%	82%	85%	81%	0%	0%	0%
5,517	64%	35%	82%	81%	86%	0%	0%	0%
1,979	51%	49%	72%	75%	72%	12%	1%	22%
991	54%	46%	61%	63%	60%	72%	66%	74%
1,002	64%	36%	52%	46%	56%	100%	100%	100%
6,796	58%	42%	69%	67%	71%	28%	57%	4%
37,762	69%	31%	67%	72%	55%	59%	0%	100%
2,489	70%	30%	56%	57%	53%	89%	80%	89%
1,480	79%	21%	62%	62%	60%	72%	68%	74%
2,475	78%	22%	70%	74%	62%	16%	0%	90%
1,511	30%	70%	67%	68%	66%	55%	52%	58%
6,592	70%	30%	72%	73%	70%	38%	40%	48%
970	69%	31%	69%	70%	67%	48%	48%	56%
32,426	57%	43%	85%	85%	88%	0%	0%	0%
90,754	60%	40%	56%	58%	49%	100%	100%	100%
8,218	69%	31%	75%	77%	74%	0%	0%	0%
4,650	69%	31%	84%	85%	84%	0%	0%	0%
14,567	63%	37%	41%	64%	26%	100%	95%	100%
14,739	65%	35%	55%	61%	49%	100%	100%	100%
2,829	64%	36%	79%	83%	81%	0%	0%	0%
536	51%	49%	53%	54%	52%	96%	86%	91%
709	51%	49%	56%	57%	54%	88%	79%	86%
139	51%	47%	56%	56%	56%	88%	81%	83%
17,911	60%	39%	73%	76%	66%	0%	0%	59%

15,741	66%	34%	75%	76%	72%	0%	0%	17%
715	87%	13%	62%	62%	59%	71%	68%	75%
2,596	65%	35%	76%	79%	74%	0%	0%	1%
27,275	68%	31%	64%	60%	71%	86%	100%	16%
720	55%	45%	69%	70%	67%	49%	48%	57%
5,452	59%	41%	62%	63%	60%	72%	67%	74%
19,213	65%	35%	80%	81%	79%	0%	2%	16%
8,963	55%	45%	69%	71%	68%	45%	46%	54%
68	81%	18%	52%	52%	48%	100%	90%	99%
144	75%	25%	57%	58%	54%	84%	77%	86%
152	85%	13%	66%	66%	62%	60%	58%	68%
9,718	77%	23%	53%	53%	53%	100%	100%	100%
10,057	67%	33%	56%	54%	60%	100%	100%	100%
1,384	71%	29%	59%	60%	57%	79%	74%	80%
1,192	61%	39%	63%	64%	61%	67%	63%	71%
394	58%	42%	62%	63%	61%	70%	66%	71%
358	73%	27%	65%	65%	62%	63%	60%	68%
1,554	46%	53%	62%	59%	65%	87%	95%	67%
1,259	66%	34%	72%	73%	70%	38%	40%	49%
90	70%	29%	58%	58%	56%	83%	77%	82%
80	54%	52%	59%	61%	57%	80%	71%	80%
908	31%	68%	63%	65%	62%	68%	62%	68%
2,329	73%	26%	49%	49%	48%	100%	100%	100%
939	85%	15%	62%	63%	61%	70%	67%	70%
277	38%	60%	50%	50%	50%	100%	96%	95%
479	54%	45%	53%	54%	52%	96%	87%	91%
1,346	63%	36%	63%	64%	61%	67%	63%	71%
333	65%	34%	55%	56%	53%	92%	83%	90%
659	72%	28%	63%	64%	61%	69%	65%	72%
2,086	72%	28%	66%	67%	65%	58%	57%	62%
8,275	72%	27%	77%	78%	78%	0%	0%	0%
-	0%	0%	60%	62%	59%	75%	70%	75%
83	32%	73%	43%	39%	45%	100%	100%	100%
-	0%	0%	59%	61%	58%	78%	72%	77%
13	0%	68%	55%	62%	55%	90%	68%	84%
819	51%	48%	67%	69%	66%	54%	51%	59%
13	71%	25%	59%	61%	58%	78%	72%	79%
8	0%	100%	64%	63%	64%	64%	67%	63%
217	37%	62%	62%	63%	61%	72%	66%	72%
340	34%	66%	62%	65%	61%	70%	62%	70%
1,117	74%	26%	49%	53%	35%	100%	100%	100%
411	54%	44%	56%	58%	55%	87%	78%	85%
323	45%	48%	68%	69%	67%	52%	50%	57%
3,014	75%	25%	50%	50%	45%	100%	100%	100%
681	78%	22%	57%	58%	56%	84%	78%	83%
1,727	80%	20%	65%	65%	64%	61%	60%	65%
242	61%	40%	58%	59%	57%	82%	76%	81%
348	68%	33%	63%	63%	61%	69%	65%	70%

989	80%	20%	68%	69%	66%	52%	52%	59%
29	74%	20%	69%	69%	66%	49%	50%	58%
253	54%	48%	37%	39%	36%	100%	100%	100%
2,024	60%	40%	60%	61%	58%	78%	72%	78%
4,487	79%	21%	63%	62%	62%	89%	97%	82%
22,979	78%	22%	72%	73%	67%	8%	2%	55%
37,997	66%	34%	79%	80%	78%	0%	0%	0%
6,915	70%	30%	71%	71%	69%	19%	23%	43%
1,242	72%	28%	79%	80%	78%	2%	11%	21%
10,744	79%	21%	81%	81%	80%	0%	0%	0%
8,129	64%	36%	82%	82%	83%	0%	0%	0%
2,170	72%	28%	66%	63%	68%	63%	84%	48%
79,356	68%	32%	81%	80%	83%	0%	0%	0%
9,412	73%	27%	90%	93%	90%	0%	0%	0%
227	84%	17%	68%	69%	66%	50%	51%	59%
1,558	68%	32%	77%	78%	76%	13%	20%	29%
587	80%	20%	80%	84%	78%	0%	0%	19%
7,538	79%	21%	75%	78%	68%	0%	0%	49%
12,557	75%	25%	84%	87%	82%	0%	0%	0%
24,254	66%	34%	85%	86%	86%	0%	0%	0%
2,237	72%	28%	76%	76%	74%	21%	27%	36%
4,920	50%	50%	69%	70%	68%	48%	47%	54%
21,365	70%	30%	87%	89%	86%	0%	0%	0%
23,467	75%	25%	87%	89%	83%	0%	0%	0%
2,007	77%	23%	70%	70%	68%	46%	48%	54%
28,341	64%	36%	72%	71%	73%	0%	12%	10%
7,890	72%	28%	83%	85%	84%	0%	0%	0%
9,408	78%	22%	84%	87%	82%	0%	0%	0%
6,068	81%	19%	78%	80%	76%	0%	0%	1%
75	82%	17%	64%	63%	65%	66%	65%	62%
5,072	82%	18%	79%	79%	78%	3%	13%	21%
81	91%	8%	70%	70%	68%	46%	49%	53%
29	74%	23%	65%	65%	62%	63%	61%	70%
1,279	71%	29%	70%	71%	68%	46%	47%	54%
3,711	76%	23%	75%	76%	74%	22%	28%	37%
4,449	77%	23%	74%	75%	72%	28%	33%	41%
3,799	81%	19%	71%	71%	69%	43%	45%	52%
3,020	79%	21%	73%	74%	72%	31%	35%	43%
5,932	77%	23%	83%	85%	82%	0%	0%	0%
615	88%	12%	72%	72%	70%	37%	41%	49%
2,326	68%	31%	61%	61%	59%	100%	100%	96%
1,415	83%	17%	65%	66%	63%	61%	60%	67%
429	68%	32%	60%	61%	58%	75%	70%	77%
210	70%	31%	67%	68%	65%	56%	54%	63%
415	71%	29%	68%	69%	66%	52%	52%	58%
2,060	77%	23%	83%	88%	79%	0%	0%	0%
289	76%	24%	63%	63%	61%	68%	65%	71%
1,171	80%	20%	72%	72%	70%	38%	41%	50%

3,811	73%	27%	73%	74%	71%	33%	37%	45%
137	87%	14%	64%	65%	62%	65%	63%	69%
469	87%	12%	61%	61%	59%	74%	71%	76%
526	66%	34%	66%	67%	64%	59%	56%	65%
619	54%	45%	61%	63%	60%	73%	67%	73%
4,985	63%	37%	69%	70%	67%	48%	47%	57%
513	89%	11%	59%	60%	56%	79%	74%	83%
59	56%	41%	51%	56%	45%	100%	83%	100%
153	87%	12%	69%	70%	67%	47%	48%	57%
126	54%	44%	53%	55%	51%	96%	85%	93%
4,275	67%	32%	74%	75%	73%	28%	32%	40%
69	81%	17%	48%	47%	48%	100%	100%	99%
812	79%	22%	52%	52%	52%	100%	100%	100%
100	89%	10%	64%	64%	61%	66%	64%	71%
2,263	60%	40%	74%	75%	73%	30%	33%	40%
152	88%	11%	66%	67%	65%	57%	57%	61%
64	72%	24%	64%	66%	61%	64%	60%	71%
1,282	64%	35%	61%	62%	59%	74%	69%	75%
585	64%	36%	57%	58%	54%	86%	78%	86%
1,029	73%	27%	74%	75%	72%	29%	33%	41%
1,600	81%	19%	70%	71%	69%	43%	46%	51%
191	65%	34%	55%	55%	54%	91%	84%	87%
1,953	11%	89%	57%	59%	57%	85%	76%	80%
1,989	81%	19%	66%	68%	64%	59%	47%	64%
2,534	72%	28%	70%	68%	69%	37%	51%	52%
3,104	80%	20%	68%	65%	67%	48%	63%	57%
1,053	73%	27%	68%	68%	66%	51%	53%	59%
5,213	79%	21%	75%	77%	73%	8%	4%	28%
3,651	79%	21%	69%	67%	65%	42%	53%	62%
147	77%	25%	59%	59%	58%	80%	75%	78%
11,684	70%	30%	75%	78%	73%	0%	0%	13%
1,948	73%	27%	68%	69%	67%	50%	51%	57%
7,472	70%	30%	72%	69%	70%	34%	48%	47%
3,861	71%	29%	62%	57%	59%	76%	88%	83%
4,653	68%	32%	67%	68%	65%	56%	55%	61%
7,498	57%	43%	69%	70%	68%	48%	47%	54%
13,034	63%	37%	67%	67%	66%	56%	55%	59%
11,221	66%	34%	74%	75%	73%	29%	33%	40%
609	86%	14%	69%	69%	67%	49%	51%	55%
134	34%	69%	53%	55%	52%	97%	84%	92%
937	80%	20%	66%	66%	64%	59%	58%	63%
3,940	70%	30%	77%	77%	75%	16%	23%	30%
129	75%	24%	54%	55%	52%	93%	85%	92%
257	56%	43%	56%	56%	56%	88%	82%	83%
146	88%	12%	65%	65%	63%	63%	62%	66%
89	66%	31%	53%	54%	51%	96%	87%	93%
22	86%	11%	43%	43%	42%	100%	100%	100%
1,833	63%	37%	51%	52%	49%	100%	91%	99%

361	81%	19%	60%	60%	60%	78%	74%	74%
1,166	18%	83%	62%	65%	61%	70%	60%	70%
1,225	38%	62%	60%	61%	59%	77%	71%	76%
277	74%	24%	64%	65%	62%	65%	63%	68%
3	100%	5%	45%	45%	43%	100%	100%	100%
7	76%	12%	48%	48%	47%	100%	100%	100%
372	59%	41%	49%	50%	46%	100%	96%	100%
222	89%	11%	59%	60%	57%	78%	74%	79%
348	56%	42%	48%	49%	46%	100%	99%	100%
627	59%	41%	40%	41%	38%	100%	100%	100%
38	72%	26%	45%	46%	42%	100%	100%	100%
2,049	74%	26%	71%	72%	68%	42%	42%	55%
33	76%	24%	47%	48%	44%	100%	100%	100%
75	52%	48%	45%	49%	41%	100%	97%	100%
5	80%	9%	45%	46%	41%	100%	100%	100%
33	62%	35%	52%	52%	52%	100%	92%	91%
84	60%	38%	58%	60%	56%	81%	73%	82%
173	16%	80%	56%	60%	56%	87%	73%	83%
111	73%	28%	53%	56%	49%	96%	82%	98%
673	78%	22%	63%	64%	61%	67%	64%	71%
42	47%	42%	35%	37%	33%	100%	100%	100%
339	49%	51%	44%	46%	42%	100%	100%	100%
1,351	72%	28%	63%	64%	61%	66%	63%	71%
1,502	68%	32%	62%	63%	60%	71%	66%	73%
4,459	58%	41%	66%	67%	64%	59%	56%	64%
4,112	49%	51%	54%	48%	60%	100%	100%	100%
29,879	26%	74%	57%	72%	52%	100%	0%	100%
1,611	38%	62%	63%	65%	62%	68%	61%	69%
6,637	63%	37%	64%	66%	62%	64%	60%	68%
425	22%	78%	59%	62%	59%	79%	69%	76%
1,996	29%	70%	66%	69%	65%	59%	52%	62%
155	46%	50%	50%	52%	48%	100%	92%	100%
422	46%	54%	62%	64%	60%	71%	64%	72%
707	67%	33%	61%	63%	58%	73%	67%	77%
356	66%	33%	65%	66%	63%	61%	58%	66%
522	57%	43%	68%	70%	66%	52%	49%	59%
425	68%	33%	58%	59%	55%	83%	75%	85%
3,151	40%	60%	65%	67%	64%	62%	56%	65%
539	49%	51%	71%	73%	70%	40%	38%	49%
2,818	41%	58%	61%	64%	59%	74%	65%	76%
7,955	14%	85%	60%	64%	59%	77%	65%	75%
1,075	9%	92%	45%	47%	45%	100%	100%	100%
2,098	42%	57%	66%	69%	65%	59%	44%	63%
245	43%	57%	42%	44%	41%	100%	100%	100%
1,170	20%	80%	58%	59%	62%	89%	83%	70%
4,676	56%	44%	55%	53%	58%	100%	100%	100%
1,664	22%	78%	49%	51%	49%	100%	93%	98%
2,619	48%	51%	55%	56%	54%	90%	81%	86%

11,322	80%	20%	72%	72%	70%	0%	0%	22%
839	79%	21%	64%	65%	61%	65%	62%	70%
338	65%	34%	46%	47%	44%	100%	100%	100%
101	51%	40%	47%	49%	45%	100%	99%	100%
212	50%	54%	46%	48%	45%	100%	100%	100%
453	29%	71%	53%	55%	52%	97%	84%	91%
189	68%	30%	47%	47%	45%	100%	100%	100%
446	67%	31%	53%	54%	50%	97%	87%	96%
364	80%	20%	63%	63%	59%	69%	65%	74%
4,065	70%	29%	64%	65%	62%	64%	60%	69%
2,762	86%	14%	64%	65%	60%	65%	62%	73%
11,457	66%	33%	45%	42%	52%	100%	100%	100%
626	59%	41%	55%	55%	57%	100%	100%	95%
899	47%	51%	41%	46%	33%	100%	100%	100%
5,730	49%	51%	68%	74%	57%	48%	0%	98%
75	95%	5%	64%	64%	64%	64%	63%	65%
19,550	72%	28%	70%	67%	75%	9%	47%	0%
61,991	58%	42%	62%	62%	61%	100%	100%	100%
280	60%	40%	53%	54%	51%	96%	86%	93%
1,564	73%	27%	56%	57%	53%	88%	80%	88%
2,114	44%	56%	57%	59%	56%	84%	76%	82%
833	68%	32%	57%	58%	55%	85%	78%	85%
24,575	82%	18%	80%	77%	84%	0%	0%	0%
1,056	57%	43%	59%	61%	58%	78%	72%	79%
5,057	45%	54%	52%	53%	50%	100%	88%	95%
1,036	76%	23%	48%	49%	46%	100%	99%	100%
4,613	63%	36%	56%	56%	59%	100%	100%	89%
2,073	57%	43%	51%	53%	49%	100%	89%	97%
2,457	66%	33%	66%	68%	65%	67%	45%	68%
3,058	63%	37%	39%	33%	45%	100%	100%	100%
834	79%	21%	53%	46%	64%	100%	100%	70%
88	77%	23%	38%	39%	36%	100%	100%	100%
258	68%	31%	40%	41%	37%	100%	100%	100%
3,808	38%	62%	67%	68%	66%	57%	55%	59%
1,403	20%	79%	48%	51%	47%	100%	94%	100%
865	78%	22%	62%	62%	60%	71%	68%	73%
1,173	36%	62%	66%	68%	64%	59%	53%	63%
691	64%	37%	61%	62%	59%	74%	69%	76%
908	24%	73%	62%	65%	60%	72%	62%	72%
162	20%	84%	45%	47%	44%	100%	100%	100%
496	14%	84%	49%	52%	48%	100%	92%	99%
2,673	56%	44%	53%	54%	52%	97%	87%	92%
1,262	48%	50%	42%	43%	42%	100%	100%	100%
2,067	21%	76%	43%	45%	42%	100%	100%	100%
940	65%	35%	47%	48%	46%	100%	100%	100%
888	58%	42%	30%	30%	29%	100%	100%	100%
77	57%	42%	35%	36%	33%	100%	100%	100%
111	50%	46%	38%	38%	37%	100%	100%	100%

3,407	49%	51%	45%	46%	44%	100%	100%	100%
263	83%	17%	64%	64%	61%	66%	64%	71%
123	80%	21%	55%	56%	53%	90%	83%	88%

Change in the proportion below 67 (2024 vs 2023) -% pts				Skill level	Major Occupation Group	occupation fill rate with the National average (using Linear Predictor for the test)
Overall	Metro	Regional				t-value 2024
-	-	- 0.05		1	1	-0.975
-	-	-		1	1	-0.272
- 0.16	- 0.14	- 0.13		1	1	-7.892
- 0.02	- 0.03	- 0.02		1	1	-3.637
0.10	0.17	0.25		1	1	-0.842
-	-	0.02		1	1	-0.492
0.02	- 0.03	0.02		1	1	-0.567
0.12	0.08	0.10		1	1	-0.370
0.06	0.05	0.04		1	1	-1.220
- 0.03	- 0.02	- 0.02		1	1	0.289
- 0.16	- 0.15	- 0.11		1	1	-0.949
0.03	0.03	0.04		1	1	-0.857
0.10	0.07	0.08		1	1	-0.506
0.33	0.24	0.27		1	1	-5.295
0.20	0.23	0.29		1	1	-0.558
0.35	0.32	0.39		1	1	-1.548
0.23	0.27	0.33		1	1	-1.333
0.58	0.50	0.55		1	1	-0.488
0.22	0.23	0.33		1	1	-1.203
0.37	0.36	0.41		1	1	-0.525
0.44	0.30	0.35		1	1	-0.222
0.37	0.28	0.30		1	1	1.652
0.45	0.35	0.36		1	1	-0.724
0.15	0.17	0.26		1	1	-2.103
0.18	0.16	0.14		1	1	-0.811
0.19	0.24	0.11		1	1	-1.155
- 0.12	- 0.18	- 0.14		1	1	-0.113
-	-	- 0.13		1	1	-0.805
-	-	-		1	1	-0.394
-	-	-		1	1	-0.616
-	-	- 0.15		1	1	-0.564
-	-	0.04		1	1	-4.422
0.09	0.09	0.09		1	1	-1.051
- 0.24	- 0.37	- 0.15		1	2	0.422
0.08	0.06	0.07		1	1	-6.945
- 0.41	- 0.34	- 0.30		1	1	-0.067
- 0.01	- 0.01	0.01		1	1	-0.320
- 0.17	- 0.15	- 0.11		1	1	-0.925
- 0.00	- 0.10	- 0.11		1	1	-0.525
- 0.07	- 0.08	- 0.05		1	1	-0.056

-	-	-	1	1	0.005			
-	-	0.03	-	1	-2.621			
-	-	-	0.07	1	-0.788			
-	0.18	-	0.38	0.18	-0.988			
-	0.08	-	0.08	-	0.05	1	0.738	
-	0.14	-	0.13	-	0.27	1	2.548	
	0.00	-	0.01	0.02	1	1	0.482	
	0.30		0.23	0.26	1	1	1.101	
-	0.12	-	0.11	-	0.08	1	2.964	
	0.02		0.01	0.04	1	1	2.572	
	-		-	0.03	1	1	-0.704	
	0.19		0.14	0.18	1	1	3.050	
	0.13		0.09	0.12	1	1	4.416	
	0.26		0.20	0.22	1	1	-0.019	
	0.01		0.01	0.04	1	1	0.866	
	-		-	-	1	1	1.753	
-	0.29	-	0.23	-	0.18	1	2.166	
-	0.04	-	0.05	0.01	1	1	2.611	
-	0.14	-	0.13	-	0.08	1	3.951	
	0.19		0.14	0.17	1	1	0.695	
	-		-	-	0.09	1	0.039	
	0.14		0.10	0.15	1	1	4.304	
	0.04		0.13	0.17	1	1	4.458	
-	0.06	-	0.03	-	0.02	2	1	0.088
	0.25		0.21	0.23	2	1	1.023	
-	0.29	-	0.41	-	0.25	2	1	3.005
-	0.17	-	0.32	-	0.26	2	1	3.072
	0.26		0.24	0.21	2	1	1.745	
	0.07		0.07	0.04	2	1	-0.453	
-	0.43	-	0.54	-	0.13	1	1	-1.443
	-		-	-	0.23	2	1	0.095
	0.27		0.21	0.23	2	1	-0.365	
-	0.02	-	0.02	-	0.00	2	1	0.105
	0.23		0.01	0.42	2	1	0.675	
	0.25		0.19	0.20	2	1	0.546	
	0.02		0.01	0.04	2	1	0.183	
-	0.22	-	0.19	-	0.15	2	1	0.467
	-		-	-	-	2	1	2.322
	-		-	-	-	2	1	0.334
	0.06		0.09	0.12	2	1	-1.816	
	-		-	-	-	2	1	-0.320
	-		-	0.03	2	1	-0.722	
-	0.09	-	0.09	-	0.04	2	1	-0.166
-	0.09	-	0.08	-	0.04	2	1	-0.061
-	0.06	-	0.06	-	0.02	2	1	3.023
	0.18		0.17	0.12	2	1	-0.523	
-	0.15	-	0.12	-	0.10	2	1	0.305
	-		-	-	-	2	1	0.412

-	-	- 0.15	2	1	-0.410
- 0.06	- 0.05	- 0.05	2	1	-0.692
- 0.02	- 0.05	- 0.04	2	1	-0.265
- 0.14	- 0.12	- 0.11	1	2	-0.644
- 0.25	- 0.29	- 0.23	1	2	0.036
- 0.34	- 0.28	- 0.24	1	2	-0.816
- 0.36	- 0.29	- 0.26	1	2	-1.508
-	-	-	1	2	0.071
0.09	0.14	0.12	1	2	-1.310
- 0.01	- 0.01	0.00	1	2	0.543
- 0.10	- 0.08	- 0.06	1	2	-3.703
- 0.14	- 0.12	- 0.09	1	2	-3.068
- 0.01	- 0.09	- 0.09	2	2	-0.448
0.04	0.02	0.04	1	2	0.496
0.08	0.05	0.07	1	2	-0.203
0.14	0.09	0.13	1	2	-0.383
-	- 0.04	- 0.02	1	2	-0.680
0.20	0.16	0.17	1	2	-1.036
- 0.31	- 0.21	- 0.07	1	2	0.524
- 0.25	- 0.21	- 0.17	1	2	0.164
- 0.30	- 0.24	- 0.22	1	2	-1.167
- 0.03	- 0.02	- 0.03	1	2	-1.001
- 0.13	- 0.11	- 0.08	1	2	-0.455
0.08	0.05	0.16	1	2	0.226
0.20	0.15	0.20	1	2	-0.018
0.08	0.09	0.10	1	2	-0.088
0.03	0.01	0.09	1	2	0.908
- 0.15	- 0.14	- 0.06	1	2	0.012
0.01	0.01	0.08	1	2	-0.847
0.10	0.07	0.15	1	2	1.571
0.05	0.03	0.10	1	2	-0.021
0.13	0.09	0.17	1	2	0.374
- 0.16	- 0.13	- 0.10	1	2	-0.794
-	-	-	1	2	-0.177
-	- 0.05	-	1	2	0.052
- 0.05	- 0.05	- 0.03	1	2	-0.167
-	-	- 0.08	1	2	0.522
- 0.05	- 0.04	- 0.02	1	2	0.011
0.06	0.04	0.08	1	2	-1.348
-	-	0.24	1	2	-0.252
- 0.14	-	- 0.17	1	2	0.806
-	-	-	1	2	-1.249
0.09	0.06	0.11	1	2	-1.086
- 0.05	0.00	- 0.07	1	2	-0.370
-	-	-	1	2	-1.306
- 0.31	- 0.33	- 0.17	1	2	-2.166
0.01	0.01	0.05	2	2	-1.507
- 0.11	- 0.13	- 0.07	2	2	-0.786

-	0.20	-	-	0.25	2	2	-0.569
	0.06		0.04	0.09	2	2	-0.781
-	0.11	-	0.09	-	0.05	1	2
-	0.16	-	0.13	-	0.12	1	2
-	0.19	-	0.15	-	0.12	1	2
-	0.11	-	0.09	-	0.05	1	2
-	0.07	-	0.06	-	0.05	2	1
-	0.10	-	0.09	-	0.04	1	2
	-		-		-	1	2
	-		-		0.14	1	2
-	0.40	-	0.38	-	0.10	1	2
-	0.31	-	0.30	-	0.22	1	2
	-		-		0.01	1	2
-	0.09	-	0.04		0.08	1	2
-	0.04	-	0.03	-	0.02	1	2
-	0.03		-		0.06	1	2
	0.23		0.18		0.21	1	2
	0.42		0.32		0.37	1	2
	0.11		0.07		0.13	1	2
-	0.08	-	0.07	-	0.03	1	2
	0.18		0.14		0.22	1	2
-	0.10	-	0.08	-	0.06	1	2
	-		-		0.30	1	2
-	0.02	-	0.07	-	0.04	1	2
	-	-	0.03		0.00	1	2
	-		-		-	1	2
	-		-		0.07	1	2
	-		-		0.03	1	2
-	0.08	-	0.06	-	0.06	1	2
-	0.20	-	0.03	-	0.37	1	2
-	0.12	-	0.10	-	0.06	1	2
	0.17		0.13		0.26	1	2
-	0.10	-	0.08	-	0.08	1	2
-	0.05		0.01		0.03	1	2
	-		0.00	-	0.02	1	2
	-		-		0.42	1	2
-	0.34	-	0.28	-	0.22	1	2
-	0.43	-	0.34	-	0.28	1	2
-	0.55	-	0.45	-	0.38	1	2
	-		-		0.01	1	2
	-		-		0.05	1	2
	0.73		0.98		0.35	1	2
	0.01		-		-	1	2
-	0.05	-	0.14	-	0.08	1	2
-	0.05	-	0.05	-	0.03	1	2
	-		-		-	1	2
	-		-		-	1	2
-	0.09	-	0.08	-	0.05	1	2

-	-	-	2	2	-0.420
- 0.02	- 0.08	- 0.08	2	2	-1.881
-	-	-	2	2	-1.813
-	-	-	2	2	-1.868
-	- 0.08	- 0.04	2	2	-1.347
- 0.04	- 0.14	- 0.09	2	2	-1.836
- 0.01	0.01	-	1	2	-1.346
- 0.07	- 0.06	- 0.05	1	2	-0.539
-	-	-	1	2	-0.388
- 0.42	- 0.40	- 0.35	1	2	-0.410
- 0.13	- 0.29	- 0.08	1	2	-0.948
0.01	0.02	0.13	1	2	-1.975
0.14	0.11	0.15	1	2	-3.692
0.00	- 0.01	0.03	1	2	-0.203
-	-	-	1	2	-0.394
- 0.37	- 0.30	- 0.28	1	2	-11.948
- 0.16	- 0.14	- 0.07	1	2	0.556
- 0.28	- 0.21	- 0.20	1	2	-1.328
- 0.06	- 0.16	- 0.22	1	2	-2.177
0.13	- 0.00	-	1	2	-0.988
- 0.11	- 0.19	- 0.08	1	2	-1.013
-	- 0.09	-	1	2	3.408
-	-	-	1	2	-0.808
- 0.27	- 0.12	- 0.34	2	2	-1.093
-	-	-	1	2	-1.732
- 0.04	- 0.03	- 0.32	1	2	-2.481
- 0.11	- 0.10	0.13	1	2	-1.468
-	-	-	1	2	-1.011
- 0.23	- 0.38	- 0.01	1	2	-15.652
- 0.26	- 0.17	- 0.12	1	2	-1.421
-	-	-	1	2	-2.546
- 0.15	- 0.28	- 0.18	1	2	-2.360
-	-	-	1	2	-0.187
-	-	-	1	2	-1.717
-	-	-	1	2	-0.598
-	-	-	1	2	-0.253
-	-	-	1	2	-0.684
-	-	-	1	2	-0.629
- 0.35	- 0.28	- 0.25	1	2	-2.000
-	-	-	1	2	-1.653
- 0.19	- 0.15	- 0.13	1	2	-1.337
- 0.09	- 0.00	-	1	2	-2.176
-	-	-	1	2	-2.141
-	0.04	0.06	1	2	-1.808
- 0.32	- 0.36	- 0.11	1	2	-3.281
- 0.17	- 0.14	- 0.10	1	2	-2.848
- 0.15	- 0.23	- 0.18	1	2	-2.582
-	-	-	1	2	-1.943

0.04	-	0.14	0.33	1	2	-0.459
-	-	0.13	-	1	2	-1.151
0.09		0.02	0.09	1	2	-0.011
-	0.25	-	0.22 - 0.17	1	2	-0.047
-		-	-	1	2	-4.156
-	0.15	-	0.30 - 0.12	1	2	-1.012
-	0.01	-	0.10 -	1	2	-1.419
-	0.04	-	0.14 0.06	1	2	-1.339
	0.16		0.21 0.16	1	2	-1.746
	0.23		0.21 0.24	1	2	-0.095
-	0.25	-	0.17 - 0.31	1	2	-4.658
-		-	-	1	2	-2.189
-	0.16	-	0.07 - 0.03	1	2	0.332
-	0.13	-	0.11 - 0.09	1	2	-0.489
-	0.13	-	0.10 - 0.09	1	2	-0.388
-	0.02	-	0.09 0.02	1	2	1.421
-		-	-	1	2	-7.199
	0.18		0.16 0.17	1	2	-1.477
-	0.04	-	0.13 - 0.08	1	2	-1.323
-	0.43	-	0.40 - 0.39	1	2	-0.209
-		-	0.09 - 0.04	1	2	-1.440
-	0.27	-	0.21 - 0.22	1	2	-0.428
-	0.27	-	0.21 - 0.20	1	2	0.989
-		-	-	1	2	-3.832
-		-	-	1	2	2.024
	0.06		0.03 0.10	1	2	-0.773
-		-	0.23	1	2	2.037
-		-	0.37	1	2	-3.355
	0.07		0.05 0.07	1	2	-0.461
-	0.16	-	0.14 - 0.10	1	2	0.303
	0.29		0.34 0.02	1	2	-1.544
-		-	0.29	1	2	1.603
	0.07		0.05 0.07	1	2	0.773
-		-	-	1	2	-2.551
-	0.19	-	0.15 - 0.10	1	2	0.865
-	0.08	-	0.08 - 0.03	1	2	0.608
	0.02		0.01 0.04	1	2	0.512
-	0.15	-	0.13 - 0.10	1	2	0.848
	0.06		0.04 0.06	1	2	-0.184
-	0.04	-	0.04 - 0.01	1	2	0.433
	0.07		0.05 0.07	1	2	0.595
-	0.10	-	0.08 - 0.07	1	2	-0.008
-	0.04		- - 0.28	1	2	2.111
-	0.11	-	0.09 - 0.06	1	2	-0.059
-		0.41	-	1	2	-3.543
	0.64		0.55 0.61	1	2	-0.681
-	0.16	-	0.14 - 0.08	1	2	-0.607
-		-	-	1	2	-8.584

0.01	-	-	0.12	1	2	0.160
-	-		0.18	1	2	2.132
-	-	0.07	-	1	2	-3.801
-	0.20	-	0.17 - 0.10	1	2	-0.420
	0.47	0.08	0.05	1	2	-0.675
-	0.05	-	0.04 0.01	1	2	-0.079
	-	0.24	-	1	2	-3.508
-	0.04	0.05	0.12	1	2	0.516
	-	-	0.01 -	1	2	-1.765
-	0.33	-	0.35 - 0.28	1	2	-0.488
-	0.35	-	0.38 - 0.31	1	2	-0.432
-	0.23	-	0.24 - 0.18	1	2	-0.764
-	0.38	-	0.41 - 0.34	1	2	-0.325
-	0.38	-	0.31 - 0.28	1	2	-0.309
-	0.41	-	0.34 - 0.31	1	2	0.271
-	0.37	-	0.30 - 0.25	1	2	0.283
-	0.16	-	0.14 - 0.11	1	2	-0.533
	0.19	0.14	0.18	1	2	-0.941
	-	-	0.10 -	1	2	-2.660
	-	-	-	1	2	-6.649
	-	-	-	1	2	-5.317
	-	-	-	1	2	-6.261
	-	-	-	1	2	-3.465
	-	-	-	1	2	-11.994
	-	-	-	1	2	-10.124
	-	-	- 0.22	1	2	-6.889
	-	-	-	1	2	-3.698
	-	-	-	1	2	-2.045
	-	-	-	1	2	-2.105
	-	-	-	1	2	-2.211
	-	-	-	1	2	-1.999
	-	-	0.00 -	1	2	-1.748
	-	-	0.02 -	1	2	-1.718
	-	-	-	1	2	-2.192
-	0.01	-	0.10 -	1	2	-1.406
	-	-	-	1	2	-2.027
	-	-	0.10 -	1	2	-1.486
-	0.13	-	0.16 - 0.07	1	2	-1.049
	-	-	0.04 -	1	2	-1.624
	-	-	0.04 -	1	2	-1.638
	-	-	-	1	2	-8.778
	-	-	-	1	2	-2.256
	-	-	-	1	2	-2.614
	-	-	-	1	2	-1.792
	-	-	-	1	2	-2.031
	-	-	0.02 -	1	2	-1.719
	-	-	-	1	2	-1.744
	-	-	-	1	2	-2.056

-	-	-	1	2	-2.503
-	-	-	1	2	-1.979
- 0.02	- 0.11	- 0.02	1	2	-1.386
- 0.06	- 0.15	- 0.08	1	2	-1.265
-	-	-	1	2	-2.088
- 0.03	- 0.12	- 0.04	1	2	-1.353
0.05	0.03	0.08	1	2	-1.080
-	-	-	1	2	-2.294
-	- 0.05	-	1	2	-1.600
- 0.20	- 0.26	- 0.18	1	2	-0.856
-	-	-	1	2	-14.563
- 0.14	- 0.11	- 0.09	1	2	-0.514
- 0.03	- 0.03	0.01	1	2	-1.117
- 0.10	- 0.07	- 0.17	1	2	1.102
- 0.08	- 0.08	- 0.04	1	2	-0.330
-	0.13	0.08	1	2	-2.548
0.61	1.00	-	1	2	-5.606
-	-	0.29	1	2	-3.280
0.20	0.21	0.21	1	2	-1.611
0.08	0.05	0.08	1	2	-0.848
0.16	0.38	0.09	1	2	-1.092
0.46	0.46	0.54	1	2	-1.412
- 0.16	- 0.08	- 0.05	1	2	-0.702
- 0.16	0.04	- 0.06	1	2	-0.559
0.09	0.19	0.10	1	2	-0.262
0.08	0.19	0.15	1	2	-0.017
- 0.08	- 0.07	0.12	1	2	0.447
-	-	-	1	2	1.605
- 0.15	-	- 0.11	1	2	1.222
- 0.39	- 0.31	- 0.12	1	2	0.910
- 0.22	- 0.18	- 0.14	1	2	-0.161
- 0.49	- 0.35	- 0.35	1	2	0.183
- 0.30	- 0.21	- 0.09	1	2	-0.323
- 0.04	-	- 0.05	1	2	-1.494
- 0.62	- 0.51	- 0.40	1	2	-0.088
0.40	0.22	0.32	1	2	-1.577
- 0.20	- 0.17	- 0.11	1	2	-0.236
-	-	- 0.10	1	2	1.340
- 0.26	- 0.24	- 0.10	1	2	0.018
-	-	-	1	2	2.815
- 0.46	- 0.39	- 0.14	1	2	0.009
- 0.11	- 0.09	- 0.12	1	2	0.193
- 0.11	- 0.09	- 0.06	1	2	-0.483
- 0.19	- 0.17	0.14	1	2	-0.510
- 0.32	- 0.28	- 0.02	1	2	-0.212
-	-	- 0.10	1	2	2.177
-	-	0.28	1	2	1.905
- 0.08	- 0.07	0.02	1	2	-0.590

-	0.11	-	0.07	-	0.14	1	2	0.413
-	0.07	-	0.06	-	0.02	1	2	-0.885
-	0.11	-	0.09	-	0.07	1	2	-0.542
-	0.02	-	0.02	-	0.00	1	2	-0.656
	0.23		0.36		-	1	2	-2.187
	0.05		0.02		0.07	1	2	0.126
	0.07		0.04		0.01	1	2	0.520
	0.03		0.01		0.07	1	2	0.078
	0.07	-	0.04		0.17	1	2	-1.123
	0.17		0.18		-	1	2	-1.367
	0.00	-	0.06		0.06	1	2	0.324
-	0.28	-	0.23	-	0.22	1	2	-0.505
	-		-		-	1	2	-4.878
	-		-		-	1	2	-1.791
-	0.04	-	0.04	-	0.00	1	2	-1.106
-	0.08	-	0.17	-	0.09	1	2	-1.194
	-		-		-	1	2	-3.174
-	0.06	-	0.06	-	0.02	1	2	-0.575
	-		-		-	1	2	3.456
-	0.20	-	0.17	-	0.12	1	2	0.324
-	0.03	-	0.12	-	0.05	1	2	-1.361
-	0.06	-	0.06	-	0.03	1	2	-0.155
-	0.25	-	0.58	-	0.10	1	2	-0.289
-	0.04	-	0.05	-	0.01	1	2	0.036
-	0.03		-	-	0.03	1	2	1.280
	-		-		-	1	2	2.877
-	0.09	-	0.13	-	0.07	2	3	-1.167
	0.06		0.05		0.04	2	3	-1.145
	0.14		0.11		0.12	2	3	-1.196
	-		-		-	2	3	3.342
	0.49		0.38		0.41	3	3	-1.131
-	0.05	-	0.06	-	0.07	2	3	-0.656
	-		-	-	0.12	3	3	1.312
-	0.14	-	0.12	-	0.11	2	3	-0.579
	0.13		0.09		0.11	2	3	-1.196
	-		-		-	2	3	-3.805
-	0.05	-	0.04	-	0.05	2	3	-0.145
	-		-		-	2	3	-2.262
	-		-		-	2	3	1.951
-	0.07		0.02	-	0.08	2	3	0.017
	0.04		0.11		0.13	2	3	0.091
	-		-		-	2	3	1.965
-	0.09	-	0.07	-	0.08	2	3	-0.523
	0.17		0.24		0.10	2	3	-1.211
-	0.06	-	0.14	-	0.13	2	3	1.902
	-		-		-	2	3	3.219
	-		-		-	2	3	-5.122
	-	-	0.16		-	2	3	-2.034

-	-	-	2	3	-1.942
- 0.03	- 0.12	- 0.05	2	3	-1.359
0.12	0.09	0.09	2	3	-0.475
-	-	-	2	3	-5.246
- 0.01	0.01	0.00	2	3	-0.829
0.28	0.30	0.07	2	3	-1.442
0.22	- 0.00	-	2	3	0.141
0.18	0.14	0.16	2	3	-1.214
0.65	0.97	0.60	2	3	-1.845
-	-	-	2	3	-2.983
-	-	-	2	3	-3.557
0.27	0.27	0.28	2	3	-0.503
- 0.06	-	- 0.11	2	3	0.610
-	-	-	2	3	-5.320
- 0.11	0.04	- 0.22	2	3	0.014
- 0.07	- 0.05	- 0.06	2	3	-1.008
0.29	0.22	0.25	2	3	-1.280
-	-	-	2	3	4.530
0.27	0.29	0.13	2	3	-0.031
0.26	0.27	0.27	2	3	-1.663
-	-	-	2	3	-2.983
-	0.03	0.01	2	3	-2.304
0.32	0.31	0.31	2	3	-1.651
-	0.06	0.05	2	3	-2.175
-	-	-	3	3	-10.615
-	-	-	3	3	-9.822
-	-	-	3	3	-5.703
-	-	-	3	3	-5.615
-	-	-	3	3	-3.304
-	-	-	3	3	-2.639
-	-	-	3	3	-2.267
-	-	-	3	3	-2.862
-	-	-	3	3	-2.481
-	-	-	3	3	-2.120
-	-	-	3	3	-9.670
-	-	-	3	3	-10.087
-	-	-	3	3	-4.174
0.16	0.23	0.11	3	3	-1.422
-	-	-	3	3	-10.363
-	-	-	3	3	-13.674
-	-	-	3	3	-3.996
-	-	-	3	3	-7.800
-	-	-	3	3	-3.780
-	-	-	3	3	-3.641
-	-	-	3	3	-9.699
-	-	-	3	3	-3.051
-	-	-	3	3	-3.009
-	-	-	3	3	-2.216

-	-	-	3	3	-1.876
-	-	-	3	3	-10.042
-	0.01	- 0.10 - 0.02	3	3	-1.418
-	-	-	3	3	-2.816
-	-	-	3	3	-2.338
0.01	0.12	0.03	3	3	-2.352
-	-	-	3	3	-2.870
-	-	-	3	3	-10.872
-	-	-	3	3	-2.321
-	-	-	3	3	-3.513
-	-	-	3	3	-7.356
-	-	-	3	3	-9.755
-	-	-	3	3	-11.243
-	-	0.03	3	3	-2.034
-	-	-	3	3	-3.865
-	-	-	3	3	-3.166
-	-	-	3	3	-11.090
-	-	-	3	3	-6.706
-	-	-	3	3	-8.820
-	-	-	3	3	-4.305
-	-	-	3	3	-8.416
-	-	-	3	3	-9.055
-	-	-	3	3	-9.205
-	-	-	3	3	-8.577
-	0.08	-	3	3	-1.650
-	-	-	3	3	-3.355
-	-	-	3	3	-2.975
-	-	-	3	3	-5.138
-	-	-	3	3	-4.030
-	-	-	3	3	-2.976
-	-	-	3	3	-3.477
-	-	-	3	3	-8.487
-	-	-	3	3	-7.829
-	-	-	3	3	-2.603
-	-	-	3	3	-2.150
-	0.23	- 0.18 - 0.19	3	3	-0.642
-	-	-	3	3	-4.761
0.19	0.29	0.22	3	3	-1.770
-	-	-	3	3	-3.029
-	-	-	3	3	-6.770
-	-	-	3	3	-5.722
-	-	-	3	3	-4.803
-	-	-	3	3	-4.532
-	-	-	3	3	-3.946
-	-	0.11	3	3	-4.376
-	-	-	3	3	-4.845
-	0.24	-	2	3	0.103
-	0.62	- 0.74 - 0.51	3	3	-0.086

-	0.14	-	0.11	-	0.11	3	3	-0.781
-	0.13	-	0.12	-	0.09	3	3	-0.816
-	0.04	-	0.02	-	0.04	4	3	-0.724
-	0.19	-	0.16	-	0.14	3	3	-0.521
	0.01		0.01		0.01	4	3	-0.954
-	0.10	-	0.08	-	0.08	4	3	-0.506
	0.12		0.14		0.09	3	3	-1.427
-	0.07	-	0.13	-	0.09	3	3	-1.232
	0.09		0.09		0.06	3	3	-1.460
-	0.02		0.05	-	0.09	3	3	-0.737
	-		-		-	3	3	-9.888
	-		-		-	3	3	-8.461
	0.02		0.30	-	0.22	3	3	-0.668
	-		0.05		0.02	3	3	-2.238
	-		-		-	3	3	-8.728
	-	-	0.04		-	3	3	-1.628
-	0.14	-	0.10	-	0.13	3	3	-0.618
	0.12		0.10		0.09	3	3	-1.025
	-		0.00		-	3	3	-1.710
-	0.03	-	0.11	-	0.10	3	3	-1.351
-	0.02	-	0.17	-	0.04	3	3	-1.363
	-	-	0.12		-	3	3	-1.664
	-		-		-	3	3	-2.087
-	0.01	-	0.12		-	3	3	-1.415
	-		-		-	3	3	-1.907
	-		-		-	3	3	-1.865
-	0.28	-	0.22	-	0.21	3	3	-0.226
	0.03		0.01		0.04	3	3	-1.277
	-		-		-	3	3	-2.001
	-		-		-	3	3	-8.419
	-		-		-	3	3	-2.969
	0.15		0.12		0.11	3	3	-1.053
	-		-		-	3	3	-3.647
	-		-		-	3	3	-2.970
	-		-		-	3	3	-2.333
	-		-		-	3	3	-2.035
	-		-		-	3	3	-3.378
	0.17		0.12		0.15	3	3	-1.180
	0.05		0.06		0.05	3	3	-1.499
	-		0.07		0.03	3	3	-2.363
	0.11		0.07		0.11	2	3	-0.715
	0.41		0.32		0.34	2	3	-0.081
	-		-		-	3	3	-2.072
	-		-		-	3	3	-1.777
	0.18		0.23		0.20	3	3	-1.767
	-		-		-	3	3	-2.183
-	0.06	-	0.14	-	0.09	3	3	-1.251
	-		-		-	3	3	-1.989

-	-	-	3	3	-2.357
-	-	-	3	3	-2.611
-	-	-	3	3	-1.916
-	-	-	3	3	-2.384
-	-	-	3	3	-2.103
0.09	0.07	0.09	2	3	-0.904
- 0.07 -	0.05 -	0.07	3	3	-0.501
-	-	-	3	3	-2.319
0.07	0.15	0.10	4	3	-1.776
-	-	-	3	3	-2.427
-	-	-	3	3	-2.760
- -	0.12	-	3	3	-2.397
-	-	-	3	3	-2.075
-	-	0.01	2	4	-2.768
- 0.11 -	0.09 -	0.08	1	4	-1.090
- 0.21 -	0.19 -	0.19	1	4	-0.836
- 0.18 -	0.15 -	0.13	2	4	-0.825
-	0.01	0.02	2	4	-1.461
- 0.04 -	0.03 -	0.02	1	4	-1.101
- 0.47 -	0.46 -	0.33	3	4	0.186
0.74	0.42	-	2	4	-3.029
- 0.13 -	0.20 -	0.11	2	4	-1.058
0.26	0.18	0.23	2	4	-1.179
- 0.10 -	0.10 -	0.07	2	4	-0.252
-	-	0.08	2	4	3.627
-	-	-	2	4	3.678
- 0.32 -	0.19 -	0.41	2	4	0.704
- 0.07 -	0.07 -	0.03	2	4	-0.634
-	-	0.03	2	4	-5.259
- 0.72 -	0.43 -	0.81	2	4	-0.026
- 0.41 -	0.03	-	3	4	-0.994
- 0.11 -	0.10 -	0.06	4	4	-1.124
- 0.26 -	0.21 -	0.19	4	4	-0.611
- 0.47 -	0.16 -	0.10	3	4	0.346
0.16	0.13	0.13	4	4	-0.154
- 0.20 -	0.17 -	0.14	4	4	0.312
- 0.17 -	0.14 -	0.12	4	4	0.039
-	-	-	4	4	4.497
-	-	-	4	4	-6.646
- 0.17 -	0.46	-	4	4	1.558
-	-	-	4	4	5.171
-	0.20	-	4	4	-15.110
-	-	-	4	4	-7.333
-	-	-	4	4	2.019
0.01 -	0.00	0.01	3	4	-1.308
- 0.06 -	0.07 -	0.04	4	4	-1.099
0.23	0.18	0.19	3	4	-1.082
-	-	0.56	4	4	1.312

-	0.26	-	0.17	-	0.25	4	4	1.661
-	0.15	-	0.11	-	0.14	4	4	-0.601
-	0.18		-		0.60	2	4	1.891
-	0.14		-		0.84	4	4	-1.523
-	0.35	-	0.29	-	0.26	3	4	0.010
-	0.20	-	0.16	-	0.15	3	4	-0.629
-	0.39	-	0.39	-	0.31	2	4	1.257
-	0.31	-	0.18	-	0.23	4	4	0.085
-	0.00	-	0.06	-	0.01	4	4	-1.431
-	0.16	-	0.13	-	0.10	4	4	-0.975
-	0.33	-	0.27	-	0.23	3	4	-0.272
	-		-		-	4	4	-7.892
	-		-		-	3	4	-3.637
	0.03		0.02		0.04	3	4	-0.842
-	0.01	-	0.01	-	0.02	2	4	-0.492
-	0.08	-	0.06	-	0.08	3	4	-0.567
-	0.20	-	0.16	-	0.15	4	4	-0.370
-	0.13	-	0.05	-	0.32	3	4	-1.220
-	0.25	-	0.21	-	0.19	4	4	0.289
-	0.13	-	0.11	-	0.09	4	4	-0.949
	0.03		0.00		0.04	4	4	-0.857
-	0.27	-	0.22	-	0.21	4	4	-0.506
	-		-		-	3	4	-5.295
-	0.30	-	0.29	-	0.30	3	4	-0.558
	-		0.04		0.05	4	4	-1.548
	0.04		0.03		0.04	3	4	-1.333
-	0.14	-	0.13	-	0.08	4	4	-0.488
	0.15		0.10		0.15	3	4	-1.203
-	0.17	-	0.14	-	0.11	4	4	-0.525
-	0.19	-	0.16	-	0.13	4	4	-0.222
-	0.33	-	0.12	-	0.39	4	4	1.652
-	0.02	-	0.03	-	0.00	2	4	-0.724
	-		0.05		0.09	3	4	-2.103
-	0.01	-	0.03		0.00	3	4	-0.811
	0.24		0.07		0.19	2	4	-1.155
-	0.07	-	0.08	-	0.03	3	4	-0.113
	0.06		0.04		0.06	3	4	-0.805
	0.02		0.06		0.01	3	4	-0.394
-	0.04	-	0.05	-	0.02	3	4	-0.616
-	0.04	-	0.05	-	0.03	3	4	-0.564
	-		-		-	4	4	-4.422
	0.15		0.10		0.14	3	4	-1.051
-	0.16	-	0.14	-	0.11	3	4	-0.067
	-		-		-	4	4	-6.945
-	0.07	-	0.05	-	0.05	4	4	-0.988
-	0.18	-	0.15	-	0.15	4	4	-0.320
-	0.00	-	0.01		0.00	3	4	-0.925
-	0.08	-	0.07	-	0.05	2	4	-0.525

-	0.17	-	0.14	-	0.10	3	4	-0.056
-	0.10	-	0.08	-	0.07	3	4	0.005
-	-	-	-	-	-	3	4	-2.621
-	0.22	-	0.21	-	0.21	3	4	-0.788
-	0.11	-	0.03	-	0.13	2	5	-1.443
-	0.25	-	0.47	-	0.03	2	5	0.738
-	-	-	-	-	0.12	2	5	2.548
-	0.19	-	0.19	-	0.43	2	5	0.482
-	0.02	-	0.11	-	0.16	2	5	1.101
-	-	-	-	-	-	2	5	2.964
-	-	-	-	-	-	2	5	2.572
-	0.06	-	0.00	-	0.01	2	5	-0.704
-	-	-	-	-	-	4	5	3.050
-	-	-	-	-	-	4	5	4.416
-	0.50	-	0.45	-	0.43	4	5	-0.019
-	0.13	-	0.20	-	0.29	4	5	0.866
-	-	-	-	-	0.13	3	5	1.753
-	-	-	-	-	0.08	4	5	2.166
-	-	-	-	-	-	4	5	2.611
-	-	-	-	-	-	4	5	3.951
-	0.21	-	0.27	-	0.31	4	5	0.695
-	0.35	-	0.28	-	0.27	4	5	0.039
-	-	-	-	-	-	4	5	4.304
-	-	-	-	-	-	4	5	4.458
-	0.22	-	0.18	-	0.15	4	5	0.088
-	0.25	-	0.46	-	0.12	3	5	1.023
-	-	-	-	-	-	4	5	3.005
-	-	-	-	-	-	3	5	3.072
-	-	-	-	-	0.01	3	5	1.745
-	0.22	-	0.18	-	0.13	4	5	-0.453
-	0.03	-	0.13	-	0.16	4	5	1.076
-	0.31	-	0.25	-	0.21	4	5	0.095
-	0.24	-	0.18	-	0.23	4	5	-0.365
-	0.31	-	0.25	-	0.24	4	5	0.105
-	0.00	-	0.00	-	0.01	4	5	0.675
-	0.21	-	0.16	-	0.16	4	5	0.546
-	0.19	-	0.15	-	0.15	4	5	0.183
-	0.20	-	0.15	-	0.16	4	5	0.467
-	-	-	-	-	-	4	5	2.322
-	0.22	-	0.17	-	0.18	4	5	0.334
-	-	-	0.00	-	0.04	2	5	-1.816
-	0.12	-	0.09	-	0.10	2	5	-0.320
-	0.14	-	0.10	-	0.12	3	5	-0.722
-	0.00	-	0.01	-	0.02	3	5	-0.166
-	0.06	-	0.05	-	0.04	3	5	-0.061
-	-	-	-	-	0.01	3	5	3.023
-	0.09	-	0.07	-	0.07	3	5	-0.523
-	0.38	-	0.34	-	0.35	4	5	0.305

0.33	0.30	0.28	4	5	0.412
0.22	0.18	0.18	4	5	-0.410
0.29	0.23	0.23	4	5	-0.692
0.29	0.24	0.22	4	5	-0.265
0.24	0.19	0.20	4	5	-0.644
0.43	0.34	0.34	4	5	0.036
- 0.09 -	0.08 -	0.06	4	5	-0.816
0.44	0.29	0.40	4	5	-1.508
- 0.31 -	0.25 -	0.24	4	5	0.071
0.35	0.27	0.29	4	5	-1.310
0.24	0.19	0.19	4	5	0.543
-	-	0.01	3	5	-3.703
-	-	-	3	5	-3.068
0.19	0.15	0.15	2	5	-0.448
0.30	0.28	0.25	4	5	0.496
0.03	0.03 -	0.04	4	5	-0.203
0.38	0.30	0.29	4	5	-0.383
- 0.26 -	0.31 -	0.25	4	5	-0.680
0.27	0.22	0.21	3	5	-1.036
0.11	0.09	0.09	4	5	0.524
- 0.01 -	0.00 -	0.04	4	5	0.164
- 0.09 -	0.09 -	0.10	3	6	-1.167
- 0.08 -	0.08 -	0.06	3	6	-1.001
- 0.17 -	0.14 -	0.06	3	6	-0.455
- 0.33 -	0.31 -	0.18	4	6	0.226
- 0.22 -	0.16 -	0.09	4	6	-0.018
- 0.22 -	0.14 -	0.08	4	6	-0.088
- 0.30 -	0.25 -	0.24	4	6	0.908
- 0.14 -	0.22 -	0.04	4	6	0.012
- 0.05 -	0.03 -	0.08	3	6	-0.847
-	-	0.13	3	6	1.571
- 0.08 -	0.06 -	0.07	2	6	-0.021
- 0.04	0.13	0.08	3	6	0.374
- 0.16 -	0.12 -	0.12	3	6	-0.794
- 0.04 -	0.04 -	0.03	4	6	-0.177
- 0.09 -	0.07 -	0.06	4	6	0.052
- 0.10 -	0.07 -	0.08	5	6	-0.167
- 0.11 -	0.09 -	0.08	4	6	0.522
- 0.07 -	0.06 -	0.04	3	6	0.011
0.05 -	0.01	0.06	3	6	-1.348
- 0.20 -	0.15 -	0.18	4	6	-0.252
- 0.28 -	0.22 -	0.22	4	6	0.806
- 0.07 -	0.15 -	0.08	4	7	-1.249
- 0.12 -	0.18 -	0.17	4	7	-1.086
- 0.34 -	0.27 -	0.28	4	7	-0.370
- 0.04 -	0.13 -	0.07	4	7	-1.306
-	-	-	4	7	-2.166
-	-	0.09 - 0.01	4	7	-1.507

-	0.22	-	0.26	-	0.26	4	7	-0.786
-	0.30	-	0.40	-	0.30	4	7	-0.569
-	0.23	-	0.29	-	0.24	4	7	-0.781
-	0.26	-	0.21	-	0.22	4	7	-0.422
-			0.03	-		4	7	-1.938
-			-	-	-	4	7	-1.756
-	-		0.04	-		4	7	-1.682
-	0.20	-	0.16	-	0.15	4	7	-0.799
-	-	-	0.01	-		4	7	-1.755
-			-	-	-	4	7	-2.400
-			0.03	-		4	7	-1.964
-	0.06	-	0.05	-	0.04	4	7	0.208
-			0.01	-		4	7	-1.832
-	-	-	0.03	-		4	7	-1.982
	0.01		0.10	-		4	7	-1.958
	0.08		0.09	0.03		4	7	-1.431
	0.29		0.22	0.24		4	7	-0.888
	0.08		0.04	0.06		4	7	-1.049
	0.06	-	0.00	0.12		4	7	-1.331
-	0.01	-	0.01	-	0.01	4	7	-0.493
-	-	-	-	-	-	4	7	-2.812
-	-	-	-	-	-	4	7	-2.029
-	0.06	-	0.05	-	0.04	4	7	-0.464
-	0.17	-	0.13	-	0.14	4	7	-0.582
-	0.25	-	0.21	-	0.18	4	7	-0.248
-	-	-	-	-	-	4	7	-6.339
-	-	-	0.44	-		4	7	-7.182
-	0.28	-	0.22	-	0.23	4	7	-0.500
-	0.30	-	0.26	-	0.22	4	7	-0.392
-	0.15	-	0.15	-	0.12	4	7	-0.822
-	0.30	-	0.27	-	0.22	4	7	-0.268
-	-	-	0.08	-	0.00	4	7	-1.584
-	0.29	-	0.27	-	0.27	4	7	-0.595
-	0.18	-	0.17	-	0.11	4	7	-0.664
	0.38		0.32	0.28		4	7	-0.308
-	0.48	-	0.43	-	0.37	4	7	-0.050
-	0.17	-	0.25	-	0.15	4	7	-0.948
-	0.35	-	0.28	-	0.28	4	7	-0.333
-	0.36	-	0.30	-	0.28	4	7	0.256
-	0.26	-	0.32	-	0.24	4	7	-0.694
-	0.23	-	0.23	-	0.20	4	7	-0.758
-	-		0.06	0.04		4	7	-1.960
-	0.41	-	0.28	-	0.37	4	7	-0.377
-	-		0.06	0.01		4	7	-2.213
-	0.11	-	0.01	-	0.29	4	7	-1.159
-	-	-	-	-	-	4	7	-3.836
-	-	-	0.01	0.00		4	7	-1.617
-	0.10	-	0.11	-	0.11	4	7	-1.145

-	0.41	-	0.47	-	0.13	4	7	1.240
-	0.35	-	0.30	-	0.27	4	7	-0.420
-	-	-	-	-	-	4	7	-1.881
-	-	-	0.00	-	-	4	7	-1.813
-	-	-	-	-	-	4	7	-1.868
-	0.03	-	0.06	-	0.04	4	7	-1.347
-	-	-	0.06	-	0.03	4	7	-1.836
-	0.03	-	0.05	-	0.00	4	7	-1.346
-	0.25	-	0.20	-	0.17	4	7	-0.539
-	0.16	-	0.14	-	0.09	4	7	-0.388
-	0.23	-	0.19	-	0.14	4	7	-0.410
-	-	-	-	-	-	4	7	-11.948
-	0.01	-	0.26	-	0.01	4	7	-1.975
-	0.11	-	0.31	-	0.12	4	7	-3.692
-	0.52	-	1.00	-	0.02	4	7	-0.203
-	0.42	-	0.34	-	0.23	4	7	-0.394
-	0.83	-	0.53	-	0.28	4	7	0.556
-	-	-	-	-	-	4	7	-2.177
-	0.04	-	0.14	-	0.07	4	7	-1.328
-	0.12	-	0.17	-	0.12	4	7	-1.093
-	0.07	-	0.06	-	0.05	4	7	-0.988
-	0.15	-	0.13	-	0.12	4	7	-1.013
-	-	-	-	-	-	4	7	3.408
-	0.22	-	0.22	-	0.21	4	8	-0.808
-	0.00	-	0.12	-	0.05	4	8	-1.421
-	-	-	0.01	-	-	4	8	-1.732
-	-	-	-	-	0.11	4	8	-2.481
-	-	-	0.11	-	0.03	4	8	-1.468
-	0.26	-	0.27	-	0.32	4	8	-1.011
-	-	-	-	-	-	4	8	-15.652
-	-	-	-	-	0.16	4	8	-4.658
-	-	-	-	-	-	4	8	-2.546
-	-	-	-	-	-	4	8	-2.360
-	0.37	-	0.29	-	0.29	4	8	-0.187
-	-	-	0.06	-	-	4	8	-1.717
-	0.14	-	0.11	-	0.11	4	8	-0.598
-	0.12	-	0.09	-	0.10	4	8	-0.253
-	0.13	-	0.11	-	0.09	4	8	-0.684
-	0.06	-	0.11	-	0.03	4	8	-0.629
-	-	-	-	-	-	4	8	-2.000
-	-	-	0.01	-	0.01	4	8	-1.653
-	0.03	-	0.13	-	0.08	4	8	-1.337
-	-	-	-	-	-	4	8	-2.176
-	-	-	-	-	-	4	8	-2.141
-	-	-	-	-	-	4	8	-1.808
-	-	-	-	-	-	4	8	-3.281
-	-	-	-	-	-	4	8	-2.848
-	-	-	-	-	-	4	8	-2.582

-	-	-	4	8	-1.943
- 0.18	- 0.15	- 0.14	4	8	-0.459
- 0.10	- 0.17	- 0.12	4	8	-1.151

fill rate between 2024 and 2023 (using Linear Predictor and where SERA is available)
t-value 2024/23

0.527

-0.590

-0.601

0.371

0.690

0.569

0.192

-0.055

-0.511

0.922

0.653

0.214
0.364
0.390
0.149
0.912
0.382

0.088

0.349

-0.160

0.020

0.317
0.276

0.731
-0.799

-0.714

0.978
0.568

0.709
0.499

0.677

0.369

-0.018

0.513

-0.070

0.225

-0.056

1.192

-2.142

0.930

-1.745

-0.114

-0.997

0.224

-0.013

-0.146

-0.513

0.320

-0.034

0.171

1.059

0.544

-0.065

-0.036

0.812

0.273

0.474

0.091

-0.548

-0.317

0.850

0.505

0.377

-2.300

-1.984

0.278

0.334

0.255

-0.109

0.527

0.912

-0.098

-0.102

0.069

0.970

0.231

1.390

1.705

0.800

0.607

1.413

0.293

0.779

0.155

-0.258

-0.183

0.603

0.509

-0.159
0.434

1.737
1.255

-0.350
-0.197
1.197
0.758

1.570

0.595
0.111

-0.499
-1.747

-1.033
0.175

-0.805
-0.706

-0.879
-0.882

1.844

0.165
-0.617

-0.067

-0.174

0.324

0.247

-0.066

0.430

0.118

0.289

0.335

0.425

0.234

0.580

1.197

-0.390

1.724

-0.160

0.461

-0.766
-0.153

-0.221
0.277

0.762

-1.122
-2.195
-0.941

0.940
0.365
-0.344

0.722
0.868
1.097
1.326
1.553
0.607
0.768

0.514
0.692
-0.137
0.689
-2.662

0.135
0.028
0.547
1.115
0.629
0.021
0.100
0.436
0.814
-0.130

0.077

0.084

1.000

0.007

0.098

-1.020

-0.158

1.651

-0.794

-0.215

1.500

0.575

1.393

0.744

0.555

0.123

-0.199

0.353

0.333

1.433

0.231

-0.312

1.318

0.894

-1.004

0.394

0.352

1.119

0.269

0.654

-0.996

-0.191

0.305

0.039

0.553

1.295

0.259

-0.441

0.361

1.180

0.303

0.271

0.798

0.293

0.069

0.391

-0.208

-0.241

1.162

0.404

0.835

0.282

0.107

0.384

1.216

0.434

1.691

0.179

0.828

1.871

-0.097

0.415

0.638

1.442

1.707

0.548

0.828

0.297

0.297

1.418

0.843

0.646

1.342

0.260

1.274

0.269

-0.289

1.694

-1.060

-0.538

0.520

-0.623

0.736

0.114

0.498

0.330

1.299

0.019
0.367
0.749
0.485
0.008
0.542

0.500

0.226

0.828

0.809

0.630

-0.330

1.054

1.060

0.611

-0.999

1.376

1.144

1.336

0.730

1.176

0.704

0.654

-5.865

0.796

0.773

-0.235

0.959

1.000

1.448

0.510

1.360

0.993

0.347

0.192

1.392

-0.361

0.774

-0.527
0.367
-0.179
-0.233
-0.684

0.370
0.077
-0.321
0.523
1.280

0.681
-0.032
0.373
0.513

0.170
0.555

0.282
0.488
-0.034
0.088

0.548

0.473
-0.071

1.100

0.781
-0.067

0.350
0.126
-0.166
0.249
0.444
-0.191

0.101

0.198
-0.783

0.339

1.111
3.332

0.997

1.551
0.540
-0.506

1.014

-0.499

0.268

-1.332

3.064

1.027

1.285

1.303

0.708

0.439

-0.287

0.198

ANZSCO 2022	2022 Description	ANZSCO 2013
111111	Chief Executive or Managing Director	111111
111211	Corporate General Manager	111211
121111	Aquaculture Farmer	121111
121311	Apiarist	121311
121312	Beef Cattle Farmer	121312
121313	Dairy Cattle Farmer	121313
121314	Deer Farmer	121314
121315	Goat Farmer	121315
121316	Horse Breeder	121316
121318	Pig Farmer	121318
121321	Poultry Farmer	121321
121322	Sheep Farmer	121322
121323	Mixed Cattle and Sheep Farmer	121317
121399	Livestock Farmers nec	121317
121399	Livestock Farmers nec	121399
121511	Cotton Grower	121211
121512	Grain, Oilseed, Pulse or Pasture Grower / Fi	121214
121513	Sugar Cane Grower	121217
121599	Broadacre Crop Growers nec	121299
121611	Flower Grower	121212
121612	Fruit Grower	121213
121612	Fruit Grower	121215
121613	Nut Grower	121213
121614	Production Nursery Grower	121299
121615	Turf Grower	121218
121616	Vegetable Grower (Aus) / Market Gardener	121221
121617	Wine Grape Grower	121215
121699	Horticultural Crop Growers nec	121216
121699	Horticultural Crop Growers nec	121299
121711	Broadacre Crop and Livestock Farmer	121411
121799	Mixed Production Farmers nec	121216
121799	Mixed Production Farmers nec	121411
131112	Sales and Marketing Manager	131112
131113	Advertising Manager	131113
131114	Public Relations Manager	131114
132111	Corporate Services Manager	132111
132211	Finance Manager	132211
132311	Human Resource Manager	132311
132411	Policy and Planning Manager	132411
132511	Research and Development Manager	132511
133111	Construction Project Manager	133111
133112	Project Builder	133112
133211	Engineering Manager	133211
133311	Importer or Exporter	133311
133312	Wholesaler	133312

133411	Manufacturer	133411
133511	Production Manager (Forestry)	133511
133512	Production Manager (Manufacturing)	133512
133513	Production Manager (Mining)	133513
133611	Supply and Distribution Manager	133611
133612	Procurement Manager	133612
134111	Child Care Centre Manager	134111
134211	Medical Administrator / Medical Superintendent	134211
134212	Nursing Clinical Director	134212
134213	Primary Health Organisation Manager	134213
134214	Welfare Centre Manager	134214
134299	Health and Welfare Services Managers nec	134299
134311	School Principal	134311
134411	Faculty Head	134411
134412	Regional Education Manager	134412
134499	Education Managers nec	134499
135111	Chief Information Officer	135111
135112	ICT Project Manager	135112
135199	ICT Managers nec	135199
139911	Arts Administrator or Manager	139911
139912	Environmental Manager	139912
139913	Laboratory Manager	139913
139915	Sports Administrator	139915
139916	Quality Assurance Manager	139914
139917	Regulatory Affairs Manager	139914
139999	Specialist Managers nec	139999
141111	Cafe or Restaurant Manager	141111
141211	Caravan Park and Camping Ground Manager	141211
141311	Hotel or Motel Manager	141311
141411	Licensed Club Manager	141411
141911	Bed and Breakfast Operator	141911
141912	Retirement Village Manager	141912
141999	Accommodation and Hospitality Managers	141999
142111	Retail Manager (General)	142111
142112	Antique Dealer	142112
142113	Betting Agency Manager	142113
142114	Hair or Beauty Salon Manager	142114
142115	Post Office Manager	142115
142116	Travel Agency Manager	142116
149111	Amusement Centre Manager	149111
149112	Fitness Centre Manager	149112
149113	Sports Centre Manager	149113
149211	Call or Contact Centre Manager	149211
149212	Customer Service Manager	149212
149311	Conference and Event Organiser	149311
149411	Fleet Manager	149411
149412	Railway Station Manager	149412
149413	Transport Company Manager	149413

149911 Boarding Kennel or Cattery Operator	149911
149912 Cinema or Theatre Manager	149912
149913 Facilities Manager	149913
149914 Financial Institution Branch Manager	149914
149915 Equipment Hire Manager	149915
149999 Hospitality, Retail and Service Managers nec	149999
211111 Actor	211111
211112 Dancer or Choreographer	211112
211113 Entertainer or Variety Artist	211113
211199 Actors, Dancers and Other Entertainers nec	211199
211211 Composer	211211
211212 Music Director	211212
211213 Musician (Instrumental)	211213
211214 Singer	211214
211299 Music Professionals nec	211299
211311 Photographer	211311
211411 Painter (Visual Arts)	211411
211412 Potter or Ceramic Artist	211412
211413 Sculptor	211413
211499 Visual Arts and Crafts Professionals nec	211499
212111 Artistic Director	212111
212112 Media Producer (excluding Video)	212112
212113 Radio Presenter	212113
212114 Television Presenter	212114
212211 Author	212211
212212 Book or Script Editor	212212
212311 Art Director (Film, Television or Stage)	212311
212312 Director (Film, Television, Radio or Stage)	212312
212313 Director of Photography	212313
212314 Film and Video Editor	212314
212315 Program Director (Television or Radio)	212315
212316 Stage Manager	212316
212317 Technical Director	212317
212318 Video Producer	212318
212399 Film, Television, Radio and Stage Directors	212399
212411 Copywriter	212411
212412 Newspaper or Periodical Editor	212412
212413 Print Journalist	212413
212414 Radio Journalist	212414
212415 Technical Writer	212415
212416 Television Journalist	212416
212499 Journalists and Other Writers nec	212499
221111 Accountant (General)	221111
221112 Management Accountant	221112
221113 Taxation Accountant	221113
221211 Company Secretary	221211
221212 Corporate Treasurer	221212
221213 External Auditor	221213

221214 Internal Auditor	221214
222111 Commodities Trader	222111
222112 Finance Broker	222112
222113 Insurance Broker	222113
222199 Financial Brokers nec	222199
222211 Financial Market Dealer	222211
222212 Futures Trader	222212
222213 Stockbroking Dealer	222213
222299 Financial Dealers nec	222299
222311 Financial Investment Adviser	222311
222312 Financial Investment Manager	222312
223111 Human Resource Adviser	223111
223112 Recruitment Consultant	223112
223113 Workplace Relations Adviser	223113
223311 Training and Development Professional	223211
223311 Training and Development Professional	223311
224111 Actuary	224111
224112 Mathematician	224112
224114 Data Analyst	224113
224115 Data Scientist	224113
224116 Statistician	224113
224211 Archivist	224211
224212 Gallery or Museum Curator	224212
224213 Health Information Manager	224213
224214 Records Manager	224214
224311 Economist	224311
224411 Intelligence Officer	224411
224412 Policy Analyst	224412
224511 Land Economist	224511
224512 Valuer	224512
224611 Librarian	224611
224712 Organisation and Methods Analyst	224712
224713 Management Consultant	224711
224714 Supply Chain Analyst	224711
224911 Electorate Officer	224911
224912 Liaison Officer	224912
224913 Migration Agent / Immigration Consultant	224913
224914 Patents Examiner	224914
224999 Information and Organisation Professional	224999
225111 Advertising Specialist	225111
225112 Market Research Analyst	225112
225113 Marketing Specialist	225113
225114 Content Creator (Marketing)	225113
225115 Digital Marketing Analyst	225112
225211 ICT Account Manager	225211
225212 ICT Business Development Manager	225212
225213 ICT Sales Representative	225213
225311 Public Relations Professional	225311

225411 Sales Representative (Industrial Products)	225411
225412 Sales Representative (Medical and Pharma)	225412
225499 Technical Sales Representatives nec	225499
231111 Aeroplane Pilot	231111
231112 Air Traffic Controller	231112
231113 Flying Instructor	231113
231114 Helicopter Pilot	231114
231199 Air Transport Professionals nec	231199
231211 Master Fisher	231211
231212 Ship's Engineer	231212
231213 Ship's Master	231213
231214 Ship's Officer	231214
231215 Marine Surveyor	231215
231299 Marine Transport Professionals nec	231299
232111 Architect	232111
232112 Landscape Architect	232112
232212 Surveyor	232212
232213 Cartographer	232213
232214 Other Spatial Scientist	232214
232311 Fashion Designer	232311
232312 Industrial Designer	232312
232313 Jewellery Designer	232313
232411 Graphic Designer	232411
232412 Illustrator	232412
232413 Multimedia Designer	232413
232414 Web Designer	232414
232511 Interior Designer	232511
232611 Urban and Regional Planner	232611
233111 Chemical Engineer	233111
233112 Materials Engineer	233112
233211 Civil Engineer	233211
233212 Geotechnical Engineer	233212
233213 Quantity Surveyor	233213
233214 Structural Engineer	233214
233215 Transport Engineer	233215
233311 Electrical Engineer	233311
233411 Electronics Engineer	233411
233511 Industrial Engineer	233511
233512 Mechanical Engineer	233512
233513 Production or Plant Engineer	233513
233611 Mining Engineer (excluding Petroleum)	233611
233612 Petroleum Engineer	233612
233911 Aeronautical Engineer	233911
233912 Agricultural Engineer	233912
233913 Biomedical Engineer	233913
233914 Engineering Technologist	233914
233915 Environmental Engineer	233915
233916 Naval Architect / Marine Designer	233916

233999 Engineering Professionals nec	233999
234111 Agricultural Consultant	234111
234113 Forester / Forest Scientist	234113
234114 Agricultural Research Scientist	234112
234115 Agronomist	225499
234115 Agronomist	234112
234115 Agronomist	234518
234116 Aquaculture or Fisheries Scientist	234112
234116 Aquaculture or Fisheries Scientist	234516
234211 Chemist	234211
234212 Food Technologist	234212
234213 Wine Maker	234213
234311 Conservation Officer	234311
234312 Environmental Consultant	234312
234313 Environmental Research Scientist	234313
234314 Park Ranger	234314
234399 Environmental Scientists nec	234399
234411 Geologist	234411
234412 Geophysicist	234412
234413 Hydrogeologist	234413
234511 Life Scientist (General)	234511
234513 Biochemist	234513
234514 Biotechnologist	234514
234515 Botanist	234515
234516 Marine Biologist	234516
234517 Microbiologist	234517
234521 Entomologist	234518
234522 Zoologist	234518
234599 Life Scientists nec	234599
234611 Medical Laboratory Scientist	234611
234612 Respiratory Scientist	234999
234711 Veterinarian	234711
234911 Conservator	234911
234912 Metallurgist	234912
234913 Meteorologist	234913
234914 Physicist	234914
234915 Exercise Physiologist	234915
234999 Natural and Physical Science Professionals	234999
241111 Early Childhood (Pre-primary School) Teacher	241111
241213 Primary School Teacher	241213
241311 Middle School Teacher / Intermediate School Teacher	241311
241411 Secondary School Teacher	241411
241511 Special Needs Teacher	241511
241512 Teacher of the Hearing Impaired	241512
241513 Teacher of the Sight Impaired	241513
241599 Special Education Teachers nec	241599
242111 University Lecturer	242111
242112 University Tutor	242112

242211 Vocational Education Teacher / Polytechnic	242211
249111 Education Adviser	249111
249112 Education Reviewer	249112
249211 Art Teacher (Private Tuition)	249211
249212 Dance Teacher (Private Tuition)	249212
249213 Drama Teacher (Private Tuition)	249213
249214 Music Teacher (Private Tuition)	249214
249299 Private Tutors and Teachers nec	249299
249311 Teacher of English to Speakers of Other Languages	249311
251111 Dietitian	251111
251112 Nutritionist	251112
251211 Medical Diagnostic Radiographer	251211
251212 Medical Radiation Therapist	251212
251213 Nuclear Medicine Technologist	251213
251214 Sonographer	251214
251311 Environmental Health Officer	251311
251312 Occupational Health and Safety Adviser	251312
251411 Optometrist	251411
251412 Orthoptist	251412
251511 Hospital Pharmacist	251511
251512 Industrial Pharmacist	251512
251513 Retail Pharmacist	251513
251911 Health Promotion Officer	251911
251912 Orthotist or Prosthetist	251912
251999 Health Diagnostic and Promotion Professionals	251999
252111 Chiropractor	252111
252112 Osteopath	252112
252211 Acupuncturist	252211
252212 Homoeopath	252212
252213 Naturopath	252213
252214 Traditional Chinese Medicine Practitioner	252214
252299 Complementary Health Therapists nec	252299
252311 Dental Specialist	252311
252312 Dentist	252312
252411 Occupational Therapist	252411
252511 Physiotherapist	252511
252611 Podiatrist	252611
252711 Audiologist	252711
252712 Speech Pathologist / Speech Language Therapist	252712
253111 General Practitioner	253111
253112 Resident Medical Officer	253112
253211 Anaesthetist	253211
253311 Specialist Physician (General Medicine)	253311
253312 Cardiologist	253312
253313 Clinical Haematologist	253313
253314 Medical Oncologist	253314
253315 Endocrinologist	253315
253316 Gastroenterologist	253316

253317 Intensive Care Specialist	253317
253318 Neurologist	253318
253321 Paediatrician	253321
253322 Renal Medicine Specialist	253322
253323 Rheumatologist	253323
253324 Thoracic Medicine Specialist	253324
253399 Specialist Physicians nec	253399
253411 Psychiatrist	253411
253511 Surgeon (General)	253511
253512 Cardiothoracic Surgeon	253512
253513 Neurosurgeon	253513
253514 Orthopaedic Surgeon	253514
253515 Otorhinolaryngologist	253515
253516 Paediatric Surgeon	253516
253517 Plastic and Reconstructive Surgeon	253517
253518 Urologist	253518
253521 Vascular Surgeon	253521
253911 Dermatologist	253911
253912 Emergency Medicine Specialist	253912
253913 Obstetrician and Gynaecologist	253913
253914 Ophthalmologist	253914
253915 Pathologist	253915
253917 Diagnostic and Interventional Radiologist	253917
253918 Radiation Oncologist	253918
253999 Medical Practitioners nec	253999
254111 Midwife	254111
254211 Nurse Educator	254211
254212 Nurse Researcher	254212
254311 Nurse Manager	254311
254411 Nurse Practitioner	254411
254412 Registered Nurse (Aged Care)	254412
254413 Registered Nurse (Child and Family Health)	254413
254414 Registered Nurse (Community Health)	254414
254415 Registered Nurse (Critical Care and Emergency)	254415
254416 Registered Nurse (Developmental Disability)	254416
254417 Registered Nurse (Disability and Rehabilitation)	254417
254418 Registered Nurse (Medical)	254418
254421 Registered Nurse (Medical Practice)	254421
254422 Registered Nurse (Mental Health)	254422
254423 Registered Nurse (Perioperative)	254423
254424 Registered Nurse (Surgical)	254424
254425 Registered Nurse (Paediatrics)	254425
254499 Registered Nurses nec	254499
261111 ICT Business Analyst	261111
261112 Systems Analyst	261112
261113 User Experience Designer (ICT)	263299
261211 Multimedia Specialist	261211
261212 Web Developer	261212

261311 Analyst Programmer	261311
261312 Developer Programmer	261312
261313 Software Engineer	261313
261314 Software Tester	261314
261315 Cyber Security Engineer	261313
261316 Devops Engineer	261313
261317 Penetration Tester	261314
261399 Software and Applications Programmers nec	261399
262111 Database Administrator	262111
262113 Systems Administrator	262113
262114 Cyber Governance Risk and Compliance Sp	262112
262115 Cyber Security Advice and Assessment Spe	262112
262116 Cyber Security Analyst	262112
262117 Cyber Security Architect	262112
262118 Cyber Security Operations Coordinator	262112
263111 Computer Network and Systems Engineer	263111
263112 Network Administrator	263112
263113 Network Analyst	263113
263211 ICT Quality Assurance Engineer	263211
263212 ICT Support Engineer	263212
263213 ICT Systems Test Engineer	263213
263299 ICT Support and Test Engineers nec	263299
263311 Telecommunications Engineer	263311
263312 Telecommunications Network Engineer	263312
271111 Barrister	271111
271214 Intellectual Property Lawyer	271214
271299 Judicial and Other Legal Professionals nec	271299
271311 Solicitor	271311
272111 Careers Counsellor	272111
272112 Drug and Alcohol Counsellor	272112
272113 Family and Marriage Counsellor	272113
272114 Rehabilitation Counsellor	272114
272115 Student Counsellor	272115
272199 Counsellors nec	272199
272211 Minister of Religion	272211
272311 Clinical Psychologist	272311
272312 Educational Psychologist	272312
272313 Organisational Psychologist	272313
272314 Psychotherapist	272314
272399 Psychologists nec	272399
272411 Historian	272411
272412 Interpreter	272412
272413 Translator	272413
272414 Archaeologist	272414
272499 Social Professionals nec	272499
272511 Social Worker	272511
272611 Community Arts Worker	272611
272612 Recreation Officer / Recreation Coordinato	272612

272613 Welfare Worker	272613
311112 Agricultural and Agritech Technician	311111
311113 Animal Husbandry Technician	311111
311114 Aquaculture or Fisheries Technician	311111
311115 Irrigation Designer	311111
311211 Anaesthetic Technician	311211
311212 Cardiac Technician	311212
311213 Medical Laboratory Technician	311213
311214 Operating Theatre Technician	311214
311215 Pharmacy Technician	311215
311216 Pathology Collector / Phlebotomist	311216
311217 Respiratory Technician	311299
311299 Medical Technicians nec	311299
311311 Fisheries Officer	311311
311312 Meat Inspector	311312
311313 Biosecurity Officer	311313
311314 Primary Products Quality Assurance Officer	311399
311399 Primary Products Assurance and Inspection	311399
311411 Chemistry Technician	311411
311412 Earth Science Technician	311412
311413 Life Science Technician	311413
311414 School Laboratory Technician	311414
311415 Hydrographer	311415
311499 Science Technicians nec	311499
312111 Architectural Draftsperson	312111
312112 Building Associate	312112
312113 Building Inspector	312113
312114 Construction Estimator	312114
312115 Plumbing Inspector	312115
312116 Surveying or Spatial Science Technician	312116
312199 Architectural, Building and Surveying Technicians nec	312199
312211 Civil Engineering Draftsperson	312211
312212 Civil Engineering Technician	312212
312311 Electrical Engineering Draftsperson	312311
312312 Electrical Engineering Technician	312312
312411 Electronic Engineering Draftsperson	312411
312412 Electronic Engineering Technician	312412
312511 Mechanical Engineering Draftsperson	312511
312512 Mechanical Engineering Technician	312512
312611 Safety Inspector	312611
312911 Maintenance Planner	312911
312912 Metallurgical or Materials Technician	312912
312913 Mine Deputy	312913
312914 Other Draftsperson	312999
312999 Building and Engineering Technicians nec	312999
313111 Hardware Technician	313111
313112 ICT Customer Support Officer	313112
313113 Web Administrator	313113

313199 ICT Support Technicians nec	313199
313211 Radiocommunications Technician	313211
313212 Telecommunications Field Engineer	313212
313213 Telecommunications Network Planner	313213
313214 Telecommunications Technical Officer or T	313214
321111 Automotive Electrician	321111
321211 Motor Mechanic (General)	321211
321212 Diesel Motor Mechanic	321212
321213 Motorcycle Mechanic	321213
321214 Small Engine Mechanic	321214
322111 Blacksmith	322111
322112 Electroplater	322112
322113 Farrier	322113
322114 Metal Casting Trades Worker	322114
322115 Metal Polisher	322115
322211 Sheetmetal Worker	322211
322311 Metal Fabricator	322311
322312 Pressure Welder	322312
322313 Welder (First Class) (Aus) / Welder (NZ)	322313
323111 Aircraft Maintenance Engineer (Avionics)	323111
323112 Aircraft Maintenance Engineer (Mechanical)	323112
323113 Aircraft Maintenance Engineer (Structures)	323113
323211 Fitter (General)	323211
323212 Fitter and Turner	323212
323213 Fitter-Welder	323213
323214 Metal Machinist (First Class)	323214
323215 Textile, Clothing and Footwear Mechanic	323215
323299 Metal Fitters and Machinists nec	323299
323311 Engraver	323311
323312 Gunsmith	323312
323313 Locksmith	323313
323314 Precision Instrument Maker and Repairer	323314
323315 Saw Doctor	323315
323316 Watch and Clock Maker and Repairer	323316
323411 Engineering Patternmaker	323411
323412 Toolmaker	323412
324111 Panelbeater	324111
324211 Vehicle Body Builder	324211
324212 Vehicle Trimmer	324212
324311 Vehicle Painter	324311
331111 Bricklayer	331111
331112 Stonemason	331112
331211 Carpenter and Joiner	331211
331212 Carpenter	331212
331213 Joiner	331213
332111 Floor Finisher	332111
332211 Painter	332211
333111 Glazier	333111

333211 Plasterer (Wall and Ceiling)	333211
333212 Renderer (Solid Plaster)	333212
333311 Roof Tiler	333311
333411 Wall and Floor Tiler	333411
334112 Airconditioning and Mechanical Services PI	334112
334113 Drainer	334113
334114 Gasfitter	334114
334115 Roof Plumber	334115
334116 Plumber (General)	334111
334117 Fire Protection Plumber	334111
341111 Electrician (General)	341111
341112 Electrician (Special Class)	341112
341113 Lift Mechanic	341113
342111 Airconditioning and Refrigeration Mechanic	342111
342211 Electrical Linesworker / Electrical Line Mec	342211
342212 Technical Cable Jointer	342212
342311 Business Machine Mechanic	342311
342312 Communications Operator	342312
342313 Electronic Equipment Trades Worker	342313
342314 Electronic Instrument Trades Worker (Gene	342314
342315 Electronic Instrument Trades Worker (Spec	342315
342411 Cabler (Data and Telecommunications)	342411
342412 Telecommunications Cable Jointer	342412
342413 Telecommunications Linesworker / Telecor	342413
342414 Telecommunications Technician	342414
351111 Baker	351111
351112 Pastrycook	351112
351211 Butcher or Smallgoods Maker	351211
351311 Chef	351311
351411 Cook	351411
361111 Dog Handler or Trainer	361111
361112 Horse Trainer	361112
361113 Pet Groomer	361113
361114 Zookeeper	361114
361115 Kennel Hand	361115
361116 Track Rider	xxxxxx
361199 Animal Attendants and Trainers nec	361199
361311 Veterinary Nurse	361311
362111 Florist	362111
362312 Sports Turf Manager	362311
362313 Sports Turf Trades Worker	362311
362411 Nurseryperson	362411
362511 Arborist	362212
362512 Tree Worker	362212
362611 Gardener (General)	362211
362711 Landscape Gardener	362213
362712 Irrigation Technician	362213
363111 Aquaculture Supervisor	xxxxxx

363112 Fishing Leading Hand	xxxxxx	
363113 Forestry Operations Supervisor	xxxxxx	
363114 Horticultural Supervisor or Specialist	xxxxxx	
363115 Senior Broadacre Crop and Livestock Farm	xxxxxx	
363116 Senior Broadacre Crop Farm Worker	xxxxxx	
363117 Vineyard Supervisor	xxxxxx	
363199 Senior Aquaculture, Crop and Forestry Wor	xxxxxx	
363211 Senior Beef Cattle Station Worker	xxxxxx	
363212 Senior Cattle and Sheep Farm Worker	xxxxxx	
363213 Senior Dairy Cattle Farm Worker	xxxxxx	
363214 Senior Piggery Stockperson	xxxxxx	
363215 Senior Sheep Farm Worker	xxxxxx	
363299 Senior Livestock Farm Workers nec	xxxxxx	
363311 Shearer		361211
363312 Wool Classer		399917
391111 Hairdresser		391111
392111 Print Finisher		392111
392112 Screen Printer		392112
392211 Graphic Pre-press Trades Worker		392211
392311 Printing Machinist		392311
392312 Small Offset Printer		392312
393111 Canvas Goods Fabricator		393111
393112 Leather Goods Maker		393112
393113 Sail Maker		393113
393114 Shoemaker		393114
393211 Apparel Cutter		393211
393212 Clothing Patternmaker		393212
393213 Dressmaker or Tailor		393213
393299 Clothing Trades Workers nec		393299
393311 Upholsterer		393311
394112 Cabinet Maker		394111
394113 Furniture Maker		394111
394211 Furniture Finisher		394211
394212 Picture Framer		394212
394213 Wood Machinist		394213
394214 Wood Turner		394214
394299 Wood Machinists and Other Wood Trades V		394299
399111 Boat Builder and Repairer		399111
399112 Shipwright		399112
399211 Chemical Plant Operator		399211
399212 Gas or Petroleum Operator		399212
399213 Power Generation Plant Operator		399213
399311 Gallery or Museum Technician		399311
399312 Library Technician		399312
399411 Jeweller		399411
399511 Broadcast Transmitter Operator		399511
399512 Camera Operator (Film, Television or Video		399512
399513 Light Technician		399513

399514 Make Up Artist	399514
399515 Musical Instrument Maker or Repairer	399515
399516 Sound Technician	399516
399517 Television Equipment Operator	399517
399599 Performing Arts Technicians nec	399599
399611 Signwriter	399611
399911 Diver	399911
399912 Interior Decorator	399912
399913 Optical Dispenser / Dispensing Optician	399913
399914 Optical Mechanic	399914
399915 Photographer's Assistant	399915
399916 Plastics Technician	399916
399918 Fire Protection Equipment Technician	399918
399999 Technicians and Trades Workers nec	399999
411111 Ambulance Officer	411111
411112 Intensive Care Ambulance Paramedic (Aus	411112
411211 Dental Hygienist	411211
411212 Dental Prosthetist	411212
411213 Dental Technician	411213
411214 Dental Therapist	411214
411311 Diversional Therapist	411311
411411 Enrolled Nurse	411411
411412 Mothercraft Nurse	411412
411511 Aboriginal and Torres Strait Islander Health	411511
411611 Massage Therapist	411611
411711 Community Worker	411711
411712 Disabilities Services Officer	411712
411713 Family Support Worker	411713
411714 Parole or Probation Officer	411714
411715 Residential Care Officer	411715
411716 Youth Worker	411716
421111 Child Care Worker	421111
421112 Family Day Care Worker	421112
421113 Nanny	421113
421114 Out of School Hours Care Worker	421114
422111 Aboriginal and Torres Strait Islander Educat	422111
422112 Integration Aide	422112
422115 Preschool Aide	422115
422116 Teachers' Aide	422116
423111 Aged or Disabled Carer	423111
423211 Dental Assistant	423211
423311 Hospital Orderly	423311
423312 Nursing Support Worker	423312
423313 Personal Care Assistant	423313
423314 Therapy Aide	423314
423411 Child or Youth Residential Care Assistant	423411
423412 Hostel Parent	423412
423413 Refuge Worker	423413

431111 Bar Attendant	431111
431112 Barista	431112
431311 Gaming Worker	431311
431411 Hotel Service Manager	431411
431511 Waiter	431511
441211 Emergency Service Worker	441211
441212 Fire Fighter	441212
441311 Detective	441311
441312 Police Officer	441312
442111 Prison Officer	442111
442213 Crowd Controller	442213
442214 Private Investigator	442214
442216 Security Consultant	442216
442217 Security Officer	442217
451111 Beauty Therapist	451111
451211 Driving Instructor	451211
451311 Funeral Director	451311
451399 Funeral Workers nec	451399
451411 Gallery or Museum Guide	451411
451412 Tour Guide	451412
451511 Natural Remedy Consultant	451511
451512 Weight Loss Consultant	451512
451513 Herbalist (Western)	451513
451611 Tourist Information Officer	451611
451612 Travel Consultant	451612
451711 Flight Attendant	451711
451799 Travel Attendants nec	451799
451811 Civil Celebrant	451811
451814 Body Artist	451814
451815 First Aid Trainer	451815
451816 Religious Assistant	451816
451899 Personal Service Workers nec	451899
452111 Fitness Instructor	452111
452211 Bungy Jump Master	452211
452212 Fishing Guide	452212
452213 Hunting Guide	452213
452214 Mountain or Glacier Guide	452214
452215 Outdoor Adventure Instructor	452215
452216 Trekking Guide	452216
452217 Whitewater Rafting Guide	452217
452299 Outdoor Adventure Guides nec	452299
452311 Diving Instructor (Open Water)	452311
452312 Gymnastics Coach or Instructor	452312
452313 Horse Riding Coach or Instructor	452313
452314 Snowsport Instructor	452314
452315 Swimming Coach or Instructor	452315
452316 Tennis Coach	452316
452317 Other Sports Coach or Instructor	452317

452318 Dog and Horse Racing Official	452318
452321 Sports Development Officer	452321
452322 Sports Umpire	452322
452323 Other Sports Official	452323
452411 Footballer	452411
452412 Golfer	452412
452413 Jockey	452413
452414 Lifeguard	452414
452499 Sportspersons nec	452499
511111 Contract Administrator	511111
511112 Program or Project Administrator	511112
512111 Office Manager	512111
512211 Health Practice Manager	512211
512299 Practice Managers nec	512299
521111 Personal Assistant	521111
521211 Secretary (General)	521211
521212 Legal Secretary	521212
531111 General Clerk	531111
532111 Data Entry Operator	532111
532112 Machine Shorthand Reporter	532112
532113 Word Processing Operator	532113
541111 Call or Contact Centre Team Leader	541111
541112 Call or Contact Centre Operator	541112
541211 Information Officer	541211
542111 Receptionist (General)	542111
542112 Admissions Clerk	542112
542113 Hotel or Motel Receptionist	542113
542114 Medical Receptionist	542114
551111 Accounts Clerk	551111
551112 Cost Clerk	551112
551211 Bookkeeper	551211
551311 Payroll Clerk	551311
552111 Bank Worker	552111
552211 Credit or Loans Officer (Aus) / Finance Cler	552211
552311 Bookmaker	552311
552312 Insurance Consultant	552312
552313 Money Market Clerk	552313
552314 Statistical Clerk	552314
591112 Production Clerk	591112
591113 Purchasing Officer	591113
591115 Stock Clerk	591115
591116 Warehouse Administrator	591116
591117 Order Clerk	591117
591211 Despatching and Receiving Clerk	591211
591212 Import-Export Clerk	591212
599111 Conveyancer	599111
599112 Legal Executive	599112
599211 Clerk of Court	599211

599212 Court Bailiff or Sheriff (Aus) / Court Collecti	599212
599213 Court Orderly (Aus) / Court Registry Officer	599213
599214 Law Clerk	599214
599215 Trust Officer	599215
599311 Debt Collector	599311
599411 Human Resource Clerk	599411
599511 Customs Officer	599511
599512 Immigration Officer	599512
599513 Motor Vehicle Licence Examiner	599513
599514 Invasive Pest, Weed and Disease Inspector	599514
599515 Social Security Assessor	599515
599516 Taxation Inspector	599516
599517 Train Examiner	599517
599518 Transport Operations Inspector	599518
599521 Water Inspector	599521
599599 Inspectors and Regulatory Officers nec	599599
599611 Insurance Investigator	599611
599612 Insurance Loss Adjuster	599612
599613 Insurance Risk Surveyor	599613
599711 Library Assistant	599711
599912 Production Assistant (Film, Television, Rad	599912
599913 Proof Reader	599913
599914 Radio Despatcher	599914
599915 Clinical Coder	599915
599916 Facilities Administrator	599916
599999 Clerical and Administrative Workers nec	599999
611111 Auctioneer	611111
611112 Stock and Station Agent	611112
611211 Insurance Agent	611211
611311 Sales Representative (Building and Plumbi	611311
611312 Sales Representative (Business Services)	611312
611313 Sales Representative (Motor Vehicle Parts &	611313
611314 Sales Representative (Personal and Househ	611314
611399 Sales Representatives nec	611399
612111 Business Broker	612111
612112 Property Manager	612112
612113 Real Estate Agency Principal / Real Estate A	612113
612114 Real Estate Agent	612114
612115 Real Estate Representative	612115
621311 Motor Vehicle or Caravan Salesperson	621311
621312 Motor Vehicle Parts Interpreter / Automotiv	621312
621411 Pharmacy Sales Assistant	621411
621511 Retail Supervisor	621511
639211 Retail Buyer	639211
639212 Wool Buyer	639212
639511 Visual Merchandiser	639511
639911 Other Sales Support Worker	639911
711111 Clay Products Machine Operator	711111

711112 Concrete Products Machine Operator	711112
711113 Glass Production Machine Operator	711113
711114 Stone Processing Machine Operator	711114
711199 Clay, Concrete, Glass and Stone Processin	711199
711211 Industrial Spraypainter	711211
711311 Paper Products Machine Operator	711311
711313 Sawmilling Operator	711313
711314 Other Wood Processing Machine Operator	711314
711411 Photographic Developer and Printer	711411
711511 Plastic Cablemaking Machine Operator	711511
711512 Plastic Compounding and Reclamation Ma	711512
711513 Plastics Fabricator or Welder	711513
711514 Plastics Production Machine Operator (Ger	711514
711515 Reinforced Plastic and Composite Producti	711515
711516 Rubber Production Machine Operator	711516
711599 Plastics and Rubber Production Machine O	711599
711611 Sewing Machinist	711611
711711 Footwear Production Machine Operator	711711
711712 Hide and Skin Processing Machine Operato	711712
711713 Knitting Machine Operator	711713
711714 Textile Dyeing and Finishing Machine Opera	711714
711715 Weaving Machine Operator	711715
711716 Yarn Carding and Spinning Machine Operat	711716
711799 Textile and Footwear Production Machine C	711799
711911 Chemical Production Machine Operator	711911
711912 Motion Picture Projectionist	711912
711913 Sand Blaster	711913
711914 Sterilisation Technician	711914
711999 Machine Operators nec	711999
712111 Crane, Hoist or Lift Operator	712111
712211 Driller	712211
712212 Miner	712212
712213 Shot Firer	712213
712311 Engineering Production Worker	712311
712911 Boiler or Engine Operator	712911
712912 Bulk Materials Handling Plant Operator	712912
712913 Cement Production Plant Operator	712913
712914 Concrete Batching Plant Operator	712914
712915 Concrete Pump Operator	712915
712916 Paper and Pulp Mill Operator	712916
712917 Railway Signal Operator	712917
712918 Train Controller	712918
712921 Waste Water or Water Plant Operator	712921
712922 Weighbridge Operator	712922
712999 Stationary Plant Operators nec	712999
721111 Agricultural and Horticultural Mobile Plant (	721111
721112 Logging Plant Operator	721112
721211 Earthmoving Plant Operator (General)	721211

721212 Backhoe Operator	721212
721213 Bulldozer Operator	721213
721214 Excavator Operator	721214
721215 Grader Operator	721215
721216 Loader Operator	721216
721311 Forklift Driver	721311
721911 Aircraft Baggage Handler and Airline Groun	721911
721912 Linemarker	721912
721913 Paving Plant Operator	721913
721914 Railway Track Plant Operator	721914
721915 Road Roller Operator	721915
721916 Streetsweeper Operator	721916
721999 Mobile Plant Operators nec	721999
731111 Chauffeur	731111
731112 Taxi Driver	731112
731199 Automobile Drivers nec	731199
731211 Bus Driver	731211
731212 Charter and Tour Bus Driver	731212
731213 Passenger Coach Driver	731213
731311 Train Driver	731311
731312 Tram Driver	731312
732111 Delivery Driver	732111
733111 Truck Driver (General)	733111
733112 Aircraft Refueller	733112
733113 Furniture Removalist	733113
733114 Tanker Driver	733114
733115 Tow Truck Driver	733115
741111 Storeperson	741111
811611 Carpet Cleaner	811611
821311 Fencer	821311
821411 Building Insulation Installer	821411
821412 Home Improvement Installer	821412
821611 Railway Track Worker	821611
821711 Construction Rigger	821711
821712 Scaffolder	821712
821713 Steel Fixer	821713
821714 Structural Steel Erector	821714
821911 Crane Chaser	821911
831211 Meat Boner and Slicer	831211
831212 Slaughterer	831212
839311 Product Examiner	839311
839312 Product Grader	839312
839313 Product Tester	839313
842211 Cotton Farm Worker	841299
842214 Grain, Oilseed, Pulse and Pasture Farm Wo	841213
842217 Sugar Cane Farm Worker	841299
842222 Vineyard Worker	841216
842311 Beef Cattle Farm Worker	841511

842312 Cattle and Sheep Farm Worker	841513
842313 Dairy Cattle Farm Worker	841512
842314 Livestock Husbandry Worker	841599
842315 Piggery Farm Worker	841599
842316 Poultry Farm Worker	841514
842317 Sheep Farm Worker	841515
843111 Forestry Worker	841311
843112 Logging Assistant	841312
843113 Tree Faller	841313
843411 Pest Control Technician	841913
899211 Deck Hand	899211
899212 Fishing Hand	899212
899411 Motor Vehicle Parts and Accessories Fitter	899411
899412 Autoglazier	899412
899413 Exhaust and Muffler Repairer	899413
899414 Radiator Repairer	899414
899415 Tyre Fitter	899415
899511 Printer's Assistant	899511
899512 Printing Table Worker	899512

2013 Description	ANZSCO 13-22 Assessment	
	Match type	class
Chief Executive or Managing Director	1-1	Full
Corporate General Manager	1-1	Full
Aquaculture Farmer	1-1	Full
Apiarist	1-1	Full
Beef Cattle Farmer	1-1	Full
Dairy Cattle Farmer	1-1	Full
Deer Farmer	1-1	Full
Goat Farmer	1-1	Full
Horse Breeder	1-1	Full
Pig Farmer	1-1	Full
Poultry Farmer	1-1	Full
Sheep Farmer	1-1	Full
Mixed Livestock Farmer	1-m	Partial
Mixed Livestock Farmer	m-n	Mixed
Livestock Farmers nec	m-1	Mixed
Cotton Grower	1-1	Full
Grain, Oilseed or Pasture Grower	1-1	Full
Sugar Cane Grower	1-1	Full
Crop Farmers nec	1-m	Partial
Flower Grower	1-1	Full
Fruit or Nut Grower	m-n	Mixed
Grape Grower	m-n	Mixed
Fruit or Nut Grower	1-m	Partial
Crop Farmers nec	1-m	Partial
Turf Grower	1-1	Full
Vegetable Grower (Aus) / Market Gardener	1-1	Full
Grape Grower	1-m	Partial
Mixed Crop Farmer	m-n	Mixed
Crop Farmers nec	m-n	Mixed
Mixed Crop and Livestock Farmer	1-m	Partial
Mixed Crop Farmer	m-n	Mixed
Mixed Crop and Livestock Farmer	m-n	Mixed
Sales and Marketing Manager	1-1	Full
Advertising Manager	1-1	Full
Public Relations Manager	1-1	Full
Corporate Services Manager	1-1	Full
Finance Manager	1-1	Full
Human Resource Manager	1-1	Full
Policy and Planning Manager	1-1	Full
Research and Development Manager	1-1	Full
Construction Project Manager	1-1	Full
Project Builder	1-1	Full
Engineering Manager	1-1	Full
Importer or Exporter	1-1	Full
Wholesaler	1-1	Full

Manufacturer	1-1	Full
Production Manager (Forestry)	1-1	Full
Production Manager (Manufacturing)	1-1	Full
Production Manager (Mining)	1-1	Full
Supply and Distribution Manager	1-1	Full
Procurement Manager	1-1	Full
Child Care Centre Manager	1-1	Full
Medical Administrator / Medical Secretary	1-1	Full
Nursing Clinical Director	1-1	Full
Primary Health Organisation Manager	1-1	Full
Welfare Centre Manager	1-1	Full
Health and Welfare Services Manager	1-1	Full
School Principal	1-1	Full
Faculty Head	1-1	Full
Regional Education Manager	1-1	Full
Education Managers nec	1-1	Full
Chief Information Officer	1-1	Full
ICT Project Manager	1-1	Full
ICT Managers nec	1-1	Full
Arts Administrator or Manager	1-1	Full
Environmental Manager	1-1	Full
Laboratory Manager	1-1	Full
Sports Administrator	1-1	Full
Quality Assurance Manager	1-m	Partial
Quality Assurance Manager	1-m	Partial
Specialist Managers nec	1-1	Full
Cafe or Restaurant Manager	1-1	Full
Caravan Park and Camping Ground Manager	1-1	Full
Hotel or Motel Manager	1-1	Full
Licensed Club Manager	1-1	Full
Bed and Breakfast Operator	1-1	Full
Retirement Village Manager	1-1	Full
Accommodation and Hospitality Manager	1-1	Full
Retail Manager (General)	1-1	Full
Antique Dealer	1-1	Full
Betting Agency Manager	1-1	Full
Hair or Beauty Salon Manager	1-1	Full
Post Office Manager	1-1	Full
Travel Agency Manager	1-1	Full
Amusement Centre Manager	1-1	Full
Fitness Centre Manager	1-1	Full
Sports Centre Manager	1-1	Full
Call or Contact Centre Manager	1-1	Full
Customer Service Manager	1-1	Full
Conference and Event Organiser	1-1	Full
Fleet Manager	1-1	Full
Railway Station Manager	1-1	Full
Transport Company Manager	1-1	Full

Boarding Kennel or Cattery Operator	1-1	Full
Cinema or Theatre Manager	1-1	Full
Facilities Manager	1-1	Full
Financial Institution Branch Manager	1-1	Full
Equipment Hire Manager	1-1	Full
Hospitality, Retail and Service Manager	1-1	Full
Actor	1-1	Full
Dancer or Choreographer	1-1	Full
Entertainer or Variety Artist	1-1	Full
Actors, Dancers and Other Entertainers	1-1	Full
Composer	1-1	Full
Music Director	1-1	Full
Musician (Instrumental)	1-1	Full
Singer	1-1	Full
Music Professionals nec	1-1	Full
Photographer	1-1	Full
Painter (Visual Arts)	1-1	Full
Potter or Ceramic Artist	1-1	Full
Sculptor	1-1	Full
Visual Arts and Crafts Professionals	1-1	Full
Artistic Director	1-1	Full
Media Producer (excluding Video)	1-1	Full
Radio Presenter	1-1	Full
Television Presenter	1-1	Full
Author	1-1	Full
Book or Script Editor	1-1	Full
Art Director (Film, Television or Stage)	1-1	Full
Director (Film, Television, Radio or Stage)	1-1	Full
Director of Photography	1-1	Full
Film and Video Editor	1-1	Full
Program Director (Television or Radio)	1-1	Full
Stage Manager	1-1	Full
Technical Director	1-1	Full
Video Producer	1-1	Full
Film, Television, Radio and Stage Crew	1-1	Full
Copywriter	1-1	Full
Newspaper or Periodical Editor	1-1	Full
Print Journalist	1-1	Full
Radio Journalist	1-1	Full
Technical Writer	1-1	Full
Television Journalist	1-1	Full
Journalists and Other Writers nec	1-1	Full
Accountant (General)	1-1	Full
Management Accountant	1-1	Full
Taxation Accountant	1-1	Full
Company Secretary	1-1	Full
Corporate Treasurer	1-1	Full
External Auditor	1-1	Full

Internal Auditor	1-1	Full
Commodities Trader	1-1	Full
Finance Broker	1-1	Full
Insurance Broker	1-1	Full
Financial Brokers nec	1-1	Full
Financial Market Dealer	1-1	Full
Futures Trader	1-1	Full
Stockbroking Dealer	1-1	Full
Financial Dealers nec	1-1	Full
Financial Investment Adviser	1-1	Full
Financial Investment Manager	1-1	Full
Human Resource Adviser	1-1	Full
Recruitment Consultant	1-1	Full
Workplace Relations Adviser	1-1	Full
ICT Trainer	m-1	Mixed
Training and Development Profess	m-1	Mixed
Actuary	1-1	Full
Mathematician	1-1	Full
Statistician	1-m	Partial
Statistician	1-m	Partial
Statistician	1-m	Partial
Archivist	1-1	Full
Gallery or Museum Curator	1-1	Full
Health Information Manager	1-1	Full
Records Manager	1-1	Full
Economist	1-1	Full
Intelligence Officer	1-1	Full
Policy Analyst	1-1	Full
Land Economist	1-1	Full
Valuer	1-1	Full
Librarian	1-1	Full
Organisation and Methods Analyst	1-1	Full
Management Consultant	1-m	Partial
Management Consultant	1-m	Partial
Electorate Officer	1-1	Full
Liaison Officer	1-1	Full
Migration Agent / Immigration Con	1-1	Full
Patents Examiner	1-1	Full
Information and Organisation Prof	1-1	Full
Advertising Specialist	1-1	Full
Market Research Analyst	1-m	Partial
Marketing Specialist	1-m	Partial
Marketing Specialist	1-m	Partial
Market Research Analyst	1-m	Partial
ICT Account Manager	1-1	Full
ICT Business Development Manag	1-1	Full
ICT Sales Representative	1-1	Full
Public Relations Professional	1-1	Full

Sales Representative (Industrial Products)	1-1	Full
Sales Representative (Medical and Pharmaceutical)	1-1	Full
Technical Sales Representatives	1-1-m	Partial
Aeroplane Pilot	1-1	Full
Air Traffic Controller	1-1	Full
Flying Instructor	1-1	Full
Helicopter Pilot	1-1	Full
Air Transport Professionals	1-1	Full
Master Fisher	1-1	Full
Ship's Engineer	1-1	Full
Ship's Master	1-1	Full
Ship's Officer	1-1	Full
Marine Surveyor	1-1	Full
Marine Transport Professionals	1-1	Full
Architect	1-1	Full
Landscape Architect	1-1	Full
Surveyor	1-1	Full
Cartographer	1-1	Full
Other Spatial Scientist	1-1	Full
Fashion Designer	1-1	Full
Industrial Designer	1-1	Full
Jewellery Designer	1-1	Full
Graphic Designer	1-1	Full
Illustrator	1-1	Full
Multimedia Designer	1-1	Full
Web Designer	1-1	Full
Interior Designer	1-1	Full
Urban and Regional Planner	1-1	Full
Chemical Engineer	1-1	Full
Materials Engineer	1-1	Full
Civil Engineer	1-1	Full
Geotechnical Engineer	1-1	Full
Quantity Surveyor	1-1	Full
Structural Engineer	1-1	Full
Transport Engineer	1-1	Full
Electrical Engineer	1-1	Full
Electronics Engineer	1-1	Full
Industrial Engineer	1-1	Full
Mechanical Engineer	1-1	Full
Production or Plant Engineer	1-1	Full
Mining Engineer (excluding Petroleum)	1-1	Full
Petroleum Engineer	1-1	Full
Aeronautical Engineer	1-1	Full
Agricultural Engineer	1-1	Full
Biomedical Engineer	1-1	Full
Engineering Technologist	1-1	Full
Environmental Engineer	1-1	Full
Naval Architect / Marine Designer	1-1	Full

Engineering Professionals nec	1-1	Full
Agricultural Consultant	1-1	Full
Forester / Forest Scientist	1-1	Full
Agricultural Scientist	1-m	Partial
Technical Sales Representatives n	m-n	Mixed
Agricultural Scientist	m-n	Mixed
Zoologist	m-n	Mixed
Agricultural Scientist	m-n	Mixed
Marine Biologist	m-n	Mixed
Chemist	1-1	Full
Food Technologist	1-1	Full
Wine Maker	1-1	Full
Conservation Officer	1-1	Full
Environmental Consultant	1-1	Full
Environmental Research Scientist	1-1	Full
Park Ranger	1-1	Full
Environmental Scientists nec	1-1	Full
Geologist	1-1	Full
Geophysicist	1-1	Full
Hydrogeologist	1-1	Full
Life Scientist (General)	1-1	Full
Biochemist	1-1	Full
Biotechnologist	1-1	Full
Botanist	1-1	Full
Marine Biologist	1-m	Partial
Microbiologist	1-1	Full
Zoologist	1-m	Partial
Zoologist	1-m	Partial
Life Scientists nec	1-1	Full
Medical Laboratory Scientist	1-1	Full
Natural and Physical Science Prof	1-m	Partial
Veterinarian	1-1	Full
Conservator	1-1	Full
Metallurgist	1-1	Full
Meteorologist	1-1	Full
Physicist	1-1	Full
Exercise Physiologist	1-1	Full
Natural and Physical Science Prof	1-m	Partial
Early Childhood (Pre-primary Schc	1-1	Full
Primary School Teacher	1-1	Full
Middle School Teacher / Intermedi	1-1	Full
Secondary School Teacher	1-1	Full
Special Needs Teacher	1-1	Full
Teacher of the Hearing Impaired	1-1	Full
Teacher of the Sight Impaired	1-1	Full
Special Education Teachers nec	1-1	Full
University Lecturer	1-1	Full
University Tutor	1-1	Full

Vocational Education Teacher / Po	1-1	Full
Education Adviser	1-1	Full
Education Reviewer	1-1	Full
Art Teacher (Private Tuition)	1-1	Full
Dance Teacher (Private Tuition)	1-1	Full
Drama Teacher (Private Tuition)	1-1	Full
Music Teacher (Private Tuition)	1-1	Full
Private Tutors and Teachers nec	1-1	Full
Teacher of English to Speakers of (	1-1	Full
Dietitian	1-1	Full
Nutritionist	1-1	Full
Medical Diagnostic Radiographer	1-1	Full
Medical Radiation Therapist	1-1	Full
Nuclear Medicine Technologist	1-1	Full
Sonographer	1-1	Full
Environmental Health Officer	1-1	Full
Occupational Health and Safety A	1-1	Full
Optometrist	1-1	Full
Orthoptist	1-1	Full
Hospital Pharmacist	1-1	Full
Industrial Pharmacist	1-1	Full
Retail Pharmacist	1-1	Full
Health Promotion Officer	1-1	Full
Orthotist or Prosthetist	1-1	Full
Health Diagnostic and Promotion I	1-1	Full
Chiropractor	1-1	Full
Osteopath	1-1	Full
Acupuncturist	1-1	Full
Homoeopath	1-1	Full
Naturopath	1-1	Full
Traditional Chinese Medicine Prac	1-1	Full
Complementary Health Therapists	1-1	Full
Dental Specialist	1-1	Full
Dentist	1-1	Full
Occupational Therapist	1-1	Full
Physiotherapist	1-1	Full
Podiatrist	1-1	Full
Audiologist	1-1	Full
Speech Pathologist \ Speech Lang	1-1	Full
General Practitioner	1-1	Full
Resident Medical Officer	1-1	Full
Anaesthetist	1-1	Full
Specialist Physician (General Med	1-1	Full
Cardiologist	1-1	Full
Clinical Haematologist	1-1	Full
Medical Oncologist	1-1	Full
Endocrinologist	1-1	Full
Gastroenterologist	1-1	Full

Intensive Care Specialist	1-1	Full
Neurologist	1-1	Full
Paediatrician	1-1	Full
Renal Medicine Specialist	1-1	Full
Rheumatologist	1-1	Full
Thoracic Medicine Specialist	1-1	Full
Specialist Physicians nec	1-1	Full
Psychiatrist	1-1	Full
Surgeon (General)	1-1	Full
Cardiothoracic Surgeon	1-1	Full
Neurosurgeon	1-1	Full
Orthopaedic Surgeon	1-1	Full
Otorhinolaryngologist	1-1	Full
Paediatric Surgeon	1-1	Full
Plastic and Reconstructive Surgeon	1-1	Full
Urologist	1-1	Full
Vascular Surgeon	1-1	Full
Dermatologist	1-1	Full
Emergency Medicine Specialist	1-1	Full
Obstetrician and Gynaecologist	1-1	Full
Ophthalmologist	1-1	Full
Pathologist	1-1	Full
Diagnostic and Interventional Radiologist	1-1	Full
Radiation Oncologist	1-1	Full
Medical Practitioners nec	1-1	Full
Midwife	1-1	Full
Nurse Educator	1-1	Full
Nurse Researcher	1-1	Full
Nurse Manager	1-1	Full
Nurse Practitioner	1-1	Full
Registered Nurse (Aged Care)	1-1	Full
Registered Nurse (Child and Family)	1-1	Full
Registered Nurse (Community Health)	1-1	Full
Registered Nurse (Critical Care and Anaesthesia)	1-1	Full
Registered Nurse (Developmental Disability)	1-1	Full
Registered Nurse (Disability and Rehabilitation)	1-1	Full
Registered Nurse (Medical)	1-1	Full
Registered Nurse (Medical Practice)	1-1	Full
Registered Nurse (Mental Health)	1-1	Full
Registered Nurse (Perioperative)	1-1	Full
Registered Nurse (Surgical)	1-1	Full
Registered Nurse (Paediatrics)	1-1	Full
Registered Nurses nec	1-1	Full
ICT Business Analyst	1-1	Full
Systems Analyst	1-1	Full
ICT Support and Test Engineers nec	1-m	Partial
Multimedia Specialist	1-1	Full
Web Developer	1-1	Full

Analyst Programmer	1-1	Full
Developer Programmer	1-1	Full
Software Engineer	1-m	Partial
Software Tester	1-m	Partial
Software Engineer	1-m	Partial
Software Engineer	1-m	Partial
Software Tester	1-m	Partial
Software and Applications Program	1-1	Full
Database Administrator	1-1	Full
Systems Administrator	1-1	Full
ICT Security Specialist	1-m	Partial
ICT Security Specialist	1-m	Partial
ICT Security Specialist	1-m	Partial
ICT Security Specialist	1-m	Partial
ICT Security Specialist	1-m	Partial
Computer Network and Systems Engineer	1-1	Full
Network Administrator	1-1	Full
Network Analyst	1-1	Full
ICT Quality Assurance Engineer	1-1	Full
ICT Support Engineer	1-1	Full
ICT Systems Test Engineer	1-1	Full
ICT Support and Test Engineers nec	1-m	Partial
Telecommunications Engineer	1-1	Full
Telecommunications Network Engineer	1-1	Full
Barrister	1-1	Full
Intellectual Property Lawyer	1-1	Full
Judicial and Other Legal Professionals	1-1	Full
Solicitor	1-1	Full
Careers Counsellor	1-1	Full
Drug and Alcohol Counsellor	1-1	Full
Family and Marriage Counsellor	1-1	Full
Rehabilitation Counsellor	1-1	Full
Student Counsellor	1-1	Full
Counsellors nec	1-1	Full
Minister of Religion	1-1	Full
Clinical Psychologist	1-1	Full
Educational Psychologist	1-1	Full
Organisational Psychologist	1-1	Full
Psychotherapist	1-1	Full
Psychologists nec	1-1	Full
Historian	1-1	Full
Interpreter	1-1	Full
Translator	1-1	Full
Archaeologist	1-1	Full
Social Professionals nec	1-1	Full
Social Worker	1-1	Full
Community Arts Worker	1-1	Full
Recreation Officer / Recreation Coordinator	1-1	Full

Welfare Worker	1-1	Full
Agricultural Technician	1-m	Partial
Agricultural Technician	1-m	Partial
Agricultural Technician	1-m	Partial
Agricultural Technician	1-m	Partial
Anaesthetic Technician	1-1	Full
Cardiac Technician	1-1	Full
Medical Laboratory Technician	1-1	Full
Operating Theatre Technician	1-1	Full
Pharmacy Technician	1-1	Full
Pathology Collector / Phlebotomist	1-1	Full
Medical Technicians nec	1-m	Partial
Medical Technicians nec	1-m	Partial
Fisheries Officer	1-1	Full
Meat Inspector	1-1	Full
Quarantine Officer	1-1	Full
Primary Products Inspectors nec	1-m	Partial
Primary Products Inspectors nec	1-m	Partial
Chemistry Technician	1-1	Full
Earth Science Technician	1-1	Full
Life Science Technician	1-1	Full
School Laboratory Technician	1-1	Full
Hydrographer	1-1	Full
Science Technicians nec	1-1	Full
Architectural Draftsperson	1-1	Full
Building Associate	1-1	Full
Building Inspector	1-1	Full
Construction Estimator	1-1	Full
Plumbing Inspector	1-1	Full
Surveying or Spatial Science Technician	1-1	Full
Architectural, Building and Surveying	1-1	Full
Civil Engineering Draftsperson	1-1	Full
Civil Engineering Technician	1-1	Full
Electrical Engineering Draftsperson	1-1	Full
Electrical Engineering Technician	1-1	Full
Electronic Engineering Draftsperson	1-1	Full
Electronic Engineering Technician	1-1	Full
Mechanical Engineering Draftsperson	1-1	Full
Mechanical Engineering Technician	1-1	Full
Safety Inspector	1-1	Full
Maintenance Planner	1-1	Full
Metallurgical or Materials Technician	1-1	Full
Mine Deputy	1-1	Full
Building and Engineering Technician	1-m	Partial
Building and Engineering Technician	1-m	Partial
Hardware Technician	1-1	Full
ICT Customer Support Officer	1-1	Full
Web Administrator	1-1	Full

ICT Support Technicians nec	1-1	Full
Radiocommunications Technician	1-1	Full
Telecommunications Field Engineer	1-1	Full
Telecommunications Network Planner	1-1	Full
Telecommunications Technical Officer	1-1	Full
Automotive Electrician	1-1	Full
Motor Mechanic (General)	1-1	Full
Diesel Motor Mechanic	1-1	Full
Motorcycle Mechanic	1-1	Full
Small Engine Mechanic	1-1	Full
Blacksmith	1-1	Full
Electroplater	1-1	Full
Farrier	1-1	Full
Metal Casting Trades Worker	1-1	Full
Metal Polisher	1-1	Full
Sheetmetal Trades Worker	1-1	Full
Metal Fabricator	1-1	Full
Pressure Welder	1-1	Full
Welder (First Class) (Aus) / Welder	1-1	Full
Aircraft Maintenance Engineer (Aviation)	1-1	Full
Aircraft Maintenance Engineer (Maintenance)	1-1	Full
Aircraft Maintenance Engineer (Structures)	1-1	Full
Fitter (General)	1-1	Full
Fitter and Turner	1-1	Full
Fitter-Welder	1-1	Full
Metal Machinist (First Class)	1-1	Full
Textile, Clothing and Footwear Maker	1-1	Full
Metal Fitters and Machinists nec	1-1	Full
Engraver	1-1	Full
Gunsmith	1-1	Full
Locksmith	1-1	Full
Precision Instrument Maker and Repairer	1-1	Full
Saw Doctor	1-1	Full
Watch and Clock Maker and Repairer	1-1	Full
Engineering Patternmaker	1-1	Full
Toolmaker	1-1	Full
Panelbeater	1-1	Full
Vehicle Body Builder	1-1	Full
Vehicle Trimmer	1-1	Full
Vehicle Painter	1-1	Full
Bricklayer	1-1	Full
Stonemason	1-1	Full
Carpenter and Joiner	1-1	Full
Carpenter	1-1	Full
Joiner	1-1	Full
Floor Finisher	1-1	Full
Painting Trades Worker	1-1	Full
Glazier	1-1	Full

Fibrous Plasterer	1-1	Full
Solid Plasterer	1-1	Full
Roof Tiler	1-1	Full
Wall and Floor Tiler	1-1	Full
Airconditioning and Mechanical Services	1-1	Full
Drainer / Drainlayer	1-1	Full
Gasfitter	1-1	Full
Roof Plumber	1-1	Full
Plumber (General)	1-m	Partial
Plumber (General)	1-m	Partial
Electrician (General)	1-1	Full
Electrician (Special Class)	1-1	Full
Lift Mechanic	1-1	Full
Airconditioning and Refrigeration Mechanic	1-1	Full
Electrical Linesworker / Electrical Lineworker	1-1	Full
Technical Cable Joiner	1-1	Full
Business Machine Mechanic	1-1	Full
Communications Operator	1-1	Full
Electronic Equipment Trades Worker	1-1	Full
Electronic Instrument Trades Worker	1-1	Full
Electronic Instrument Trades Worker	1-1	Full
Cabler (Data and Telecommunications)	1-1	Full
Telecommunications Cable Joiner	1-1	Full
Telecommunications Lineworker	1-1	Full
Telecommunications Technician	1-1	Full
Baker	1-1	Full
Pastrycook	1-1	Full
Butcher or Smallgoods Maker	1-1	Full
Chef	1-1	Full
Cook	1-1	Full
Dog Handler or Trainer	1-1	Full
Horse Trainer	1-1	Full
Pet Groomer	1-1	Full
Zookeeper	1-1	Full
Kennel Hand	1-1	Full
No Correspondence	1-m	New occ
Animal Attendants and Trainers	1-1	Full
Veterinary Nurse	1-1	Full
Florist	1-1	Full
Greenkeeper	1-m	Partial
Greenkeeper	1-m	Partial
Nurseryperson	1-1	Full
Arborist	1-m	Partial
Arborist	1-m	Partial
Gardener (General)	1-1	Full
Landscape Gardener	1-m	Partial
Landscape Gardener	1-m	Partial
No Correspondence	1-m	New occ

No Correspondence	1-m	New occ
No Correspondence	1-m	New occ
No Correspondence	1-m	New occ
No Correspondence	1-m	New occ
No Correspondence	1-m	New occ
No Correspondence	1-m	New occ
No Correspondence	1-m	New occ
No Correspondence	1-m	New occ
No Correspondence	1-m	New occ
No Correspondence	1-m	New occ
No Correspondence	1-m	New occ
No Correspondence	1-m	New occ
No Correspondence	1-m	New occ
Shearer	1-1	Full
Wool Classer	1-1	Full
Hairdresser	1-1	Full
Print Finisher	1-1	Full
Screen Printer	1-1	Full
Graphic Pre-press Trades Worker	1-1	Full
Printing Machinist	1-1	Full
Small Offset Printer	1-1	Full
Canvas Goods Fabricator	1-1	Full
Leather Goods Maker	1-1	Full
Sail Maker	1-1	Full
Shoemaker	1-1	Full
Apparel Cutter	1-1	Full
Clothing Patternmaker	1-1	Full
Dressmaker or Tailor	1-1	Full
Clothing Trades Workers nec	1-1	Full
Upholsterer	1-1	Full
Cabinetmaker	1-m	Partial
Cabinetmaker	1-m	Partial
Furniture Finisher	1-1	Full
Picture Framer	1-1	Full
Wood Machinist	1-1	Full
Wood Turner	1-1	Full
Wood Machinists and Other Wood	1-1	Full
Boat Builder and Repairer	1-1	Full
Shipwright	1-1	Full
Chemical Plant Operator	1-1	Full
Gas or Petroleum Operator	1-1	Full
Power Generation Plant Operator	1-1	Full
Gallery or Museum Technician	1-1	Full
Library Technician	1-1	Full
Jeweller	1-1	Full
Broadcast Transmitter Operator	1-1	Full
Camera Operator (Film, Television	1-1	Full
Light Technician	1-1	Full

Make Up Artist	1-1	Full
Musical Instrument Maker or Repairer	1-1	Full
Sound Technician	1-1	Full
Television Equipment Operator	1-1	Full
Performing Arts Technicians nec	1-1	Full
Signwriter	1-1	Full
Diver	1-1	Full
Interior Decorator	1-1	Full
Optical Dispenser / Dispensing Optician	1-1	Full
Optical Mechanic	1-1	Full
Photographer's Assistant	1-1	Full
Plastics Technician	1-1	Full
Fire Protection Equipment Technician	1-1	Full
Technicians and Trades Workers nec	1-1	Full
Ambulance Officer	1-1	Full
Intensive Care Ambulance Paramedic	1-1	Full
Dental Hygienist	1-1	Full
Dental Prosthetist	1-1	Full
Dental Technician	1-1	Full
Dental Therapist	1-1	Full
Diversional Therapist	1-1	Full
Enrolled Nurse	1-1	Full
Mothercraft Nurse	1-1	Full
Aboriginal and Torres Strait Islander Health Worker	1-1	Full
Massage Therapist	1-1	Full
Community Worker	1-1	Full
Disabilities Services Officer	1-1	Full
Family Support Worker	1-1	Full
Parole or Probation Officer	1-1	Full
Residential Care Officer	1-1	Full
Youth Worker	1-1	Full
Child Care Worker	1-1	Full
Family Day Care Worker	1-1	Full
Nanny	1-1	Full
Out of School Hours Care Worker	1-1	Full
Aboriginal and Torres Strait Islander Community Worker	1-1	Full
Integration Aide	1-1	Full
Preschool Aide	1-1	Full
Teachers' Aide	1-1	Full
Aged or Disabled Carer	1-1	Full
Dental Assistant	1-1	Full
Hospital Orderly	1-1	Full
Nursing Support Worker	1-1	Full
Personal Care Assistant	1-1	Full
Therapy Aide	1-1	Full
Child or Youth Residential Care Assistant	1-1	Full
Hostel Parent	1-1	Full
Refuge Worker	1-1	Full

Bar Attendant	1-1	Full
Barista	1-1	Full
Gaming Worker	1-1	Full
Hotel Service Manager	1-1	Full
Waiter	1-1	Full
Emergency Service Worker	1-1	Full
Fire Fighter	1-1	Full
Detective	1-1	Full
Police Officer	1-1	Full
Prison Officer	1-1	Full
Crowd Controller	1-1	Full
Private Investigator	1-1	Full
Security Consultant	1-1	Full
Security Officer	1-1	Full
Beauty Therapist	1-1	Full
Driving Instructor	1-1	Full
Funeral Director	1-1	Full
Funeral Workers nec	1-1	Full
Gallery or Museum Guide	1-1	Full
Tour Guide	1-1	Full
Natural Remedy Consultant	1-1	Full
Weight Loss Consultant	1-1	Full
Herbalist (Western)	1-1	Full
Tourist Information Officer	1-1	Full
Travel Consultant	1-1	Full
Flight Attendant	1-1	Full
Travel Attendants nec	1-1	Full
Civil Celebrant	1-1	Full
Body Artist	1-1	Full
First Aid Trainer	1-1	Full
Religious Assistant	1-1	Full
Personal Service Workers nec	1-1	Full
Fitness Instructor	1-1	Full
Bungy Jump Master	1-1	Full
Fishing Guide	1-1	Full
Hunting Guide	1-1	Full
Mountain or Glacier Guide	1-1	Full
Outdoor Adventure Instructor	1-1	Full
Trekking Guide	1-1	Full
Whitewater Rafting Guide	1-1	Full
Outdoor Adventure Guides nec	1-1	Full
Diving Instructor (Open Water)	1-1	Full
Gymnastics Coach or Instructor	1-1	Full
Horse Riding Coach or Instructor	1-1	Full
Snowsport Instructor	1-1	Full
Swimming Coach or Instructor	1-1	Full
Tennis Coach	1-1	Full
Other Sports Coach or Instructor	1-1	Full

Dog and Horse Racing Official	1-1	Full
Sports Development Officer	1-1	Full
Sports Umpire	1-1	Full
Other Sports Official	1-1	Full
Footballer	1-1	Full
Golfer	1-1	Full
Jockey	1-1	Full
Lifeguard	1-1	Full
Sportspersons nec	1-1	Full
Contract Administrator	1-1	Full
Program or Project Administrator	1-1	Full
Office Manager	1-1	Full
Health Practice Manager	1-1	Full
Practice Managers nec	1-1	Full
Personal Assistant	1-1	Full
Secretary (General)	1-1	Full
Legal Secretary	1-1	Full
General Clerk	1-1	Full
Data Entry Operator	1-1	Full
Machine Shorthand Reporter	1-1	Full
Word Processing Operator	1-1	Full
Call or Contact Centre Team Lead	1-1	Full
Call or Contact Centre Operator	1-1	Full
Information Officer	1-1	Full
Receptionist (General)	1-1	Full
Admissions Clerk	1-1	Full
Hotel or Motel Receptionist	1-1	Full
Medical Receptionist	1-1	Full
Accounts Clerk	1-1	Full
Cost Clerk	1-1	Full
Bookkeeper	1-1	Full
Payroll Clerk	1-1	Full
Bank Worker	1-1	Full
Credit or Loans Officer (Aus) / Finance	1-1	Full
Bookmaker	1-1	Full
Insurance Consultant	1-1	Full
Money Market Clerk	1-1	Full
Statistical Clerk	1-1	Full
Production Clerk	1-1	Full
Purchasing Officer	1-1	Full
Stock Clerk	1-1	Full
Warehouse Administrator	1-1	Full
Order Clerk	1-1	Full
Despatching and Receiving Clerk	1-1	Full
Import-Export Clerk	1-1	Full
Conveyancer	1-1	Full
Legal Executive	1-1	Full
Clerk of Court	1-1	Full

Court Bailiff or Sheriff (Aus) / Cour	1-1	Full
Court Orderly (Aus) / Court Registr	1-1	Full
Law Clerk	1-1	Full
Trust Officer	1-1	Full
Debt Collector	1-1	Full
Human Resource Clerk	1-1	Full
Customs Officer	1-1	Full
Immigration Officer	1-1	Full
Motor Vehicle Licence Examiner	1-1	Full
Noxious Weeds and Pest Inspecto	1-1	Full
Social Security Assessor	1-1	Full
Taxation Inspector	1-1	Full
Train Examiner	1-1	Full
Transport Operations Inspector	1-1	Full
Water Inspector	1-1	Full
Inspectors and Regulatory Officers	1-1	Full
Insurance Investigator	1-1	Full
Insurance Loss Adjuster	1-1	Full
Insurance Risk Surveyor	1-1	Full
Library Assistant	1-1	Full
Production Assistant (Film, Televis	1-1	Full
Proof Reader	1-1	Full
Radio Despatcher	1-1	Full
Clinical Coder	1-1	Full
Facilities Administrator	1-1	Full
Clerical and Administrative Worke	1-1	Full
Auctioneer	1-1	Full
Stock and Station Agent	1-1	Full
Insurance Agent	1-1	Full
Sales Representative (Building and	1-1	Full
Sales Representative (Business Se	1-1	Full
Sales Representative (Motor Vehic	1-1	Full
Sales Representative (Personal an	1-1	Full
Sales Representatives nec	1-1	Full
Business Broker	1-1	Full
Property Manager	1-1	Full
Real Estate Agency Principal / Rea	1-1	Full
Real Estate Agent	1-1	Full
Real Estate Representative	1-1	Full
Motor Vehicle or Caravan Salespe	1-1	Full
Motor Vehicle Parts Interpreter / A	1-1	Full
Pharmacy Sales Assistant	1-1	Full
Retail Supervisor	1-1	Full
Retail Buyer	1-1	Full
Wool Buyer	1-1	Full
Visual Merchandiser	1-1	Full
Other Sales Support Worker	1-1	Full
Clay Products Machine Operator	1-1	Full

Concrete Products Machine Operator 1-1	Full
Glass Production Machine Operator 1-1	Full
Stone Processing Machine Operator 1-1	Full
Clay, Concrete, Glass and Stone Processing 1-1	Full
Industrial Spraypainter 1-1	Full
Paper Products Machine Operator 1-1	Full
Sawmilling Operator 1-1	Full
Other Wood Processing Machine Operator 1-1	Full
Photographic Developer and Printer 1-1	Full
Plastic Cabling Machine Operator 1-1	Full
Plastic Compounding and Reclamation 1-1	Full
Plastics Fabricator or Welder 1-1	Full
Plastics Production Machine Operator 1-1	Full
Reinforced Plastic and Composite 1-1	Full
Rubber Production Machine Operator 1-1	Full
Plastics and Rubber Production Machine 1-1	Full
Sewing Machinist 1-1	Full
Footwear Production Machine Operator 1-1	Full
Hide and Skin Processing Machine 1-1	Full
Knitting Machine Operator 1-1	Full
Textile Dyeing and Finishing Machine 1-1	Full
Weaving Machine Operator 1-1	Full
Yarn Carding and Spinning Machine 1-1	Full
Textile and Footwear Production Machine 1-1	Full
Chemical Production Machine Operator 1-1	Full
Motion Picture Projectionist 1-1	Full
Sand Blaster 1-1	Full
Sterilisation Technician 1-1	Full
Machine Operators nec 1-1	Full
Crane, Hoist or Lift Operator 1-1	Full
Driller 1-1	Full
Miner 1-1	Full
Shot Firer 1-1	Full
Engineering Production Worker 1-1	Full
Boiler or Engine Operator 1-1	Full
Bulk Materials Handling Plant Operator 1-1	Full
Cement Production Plant Operator 1-1	Full
Concrete Batching Plant Operator 1-1	Full
Concrete Pump Operator 1-1	Full
Paper and Pulp Mill Operator 1-1	Full
Railway Signal Operator 1-1	Full
Train Controller 1-1	Full
Waste Water or Water Plant Operator 1-1	Full
Weighbridge Operator 1-1	Full
Stationary Plant Operators nec 1-1	Full
Agricultural and Horticultural Machinery 1-1	Full
Logging Plant Operator 1-1	Full
Earthmoving Plant Operator (General) 1-1	Full

Backhoe Operator	1-1	Full	
Bulldozer Operator	1-1	Full	
Excavator Operator	1-1	Full	
Grader Operator	1-1	Full	
Loader Operator	1-1	Full	
Forklift Driver	1-1	Full	
Aircraft Baggage Handler and Airlir	1-1	Full	
Linemaker	1-1	Full	
Paving Plant Operator	1-1	Full	
Railway Track Plant Operator	1-1	Full	
Road Roller Operator	1-1	Full	
Streetsweeper Operator	1-1	Full	
Mobile Plant Operators nec	1-1	Full	
Chauffeur	1-1	Full	
Taxi Driver	1-1	Full	
Automobile Drivers nec	1-1	Full	
Bus Driver	1-1	Full	
Charter and Tour Bus Driver	1-1	Full	
Passenger Coach Driver	1-1	Full	
Train Driver	1-1	Full	
Tram Driver	1-1	Full	
Delivery Driver	1-1	Full	
Truck Driver (General)	1-1	Full	
Aircraft Refueller	1-1	Full	
Furniture Removalist	1-1	Full	
Tanker Driver	1-1	Full	
Tow Truck Driver	1-1	Full	
Storeperson	1-1	Full	
Carpet Cleaner	1-1	Full	
Fencer	1-1	Full	
Building Insulation Installer	1-1	Full	
Home Improvement Installer	1-1	Full	
Railway Track Worker	1-1	Full	
Construction Rigger	1-1	Full	
Scaffolder	1-1	Full	
Steel Fixer	1-1	Full	
Structural Steel Erector	1-1	Full	
Crane Chaser	1-1	Full	
Meat Boner and Slicer	1-1	Full	
Slaughterer	1-1	Full	
Product Examiner	1-1	Full	
Product Grader	1-1	Full	
Product Tester	1-1	Full	
Crop Farm Workers nec	1-m	New occ	use the Description for Xlookup ra
Grain, Oilseed or Pasture Farm Wc	1-1	New occ	
Crop Farm Workers nec	1-m	New occ	
Vineyard Worker	1-1	New occ	
Beef Cattle Farm Worker	1-1	New occ	

Mixed Livestock Farm Worker	1-1	New occ
Dairy Cattle Farm Worker	1-1	New occ
Livestock Farm Workers nec	1-m	New occ
Livestock Farm Workers nec	1-m	New occ
Poultry Farm Worker	1-1	New occ
Sheep Farm Worker	1-1	New occ
Forestry Worker	1-1	Full
Logging Assistant	1-1	Full
Tree Faller	1-1	Full
Pest Controller	1-1	Full
Deck Hand	1-1	Full
Fishing Hand	1-1	Full
Motor Vehicle Parts and Accessori	1-1	Full
Autoglazier	1-1	Full
Exhaust and Muffler Repairer	1-1	Full
Radiator Repairer	1-1	Full
Tyre Fitter	1-1	Full
Printer's Assistant	1-1	Full
Printing Table Worker	1-1	Full

ther the code

anzsco_2013	score_national_scale	ng_national_sc	score_relative	ing_relative_sc	submissions
111111	Weak signal	NS	Weak signal	NS	12
111211	Weak signal	NS	Weak signal	NS	3
121111	Weak signal	S	Weak signal	S	7
121211	Weak signal	S	Weak signal	S	4
121213	Weak signal	S	Weak signal	S	6
121214	Weak signal	NS	Weak signal	NS	5
121215	Weak signal	S	Weak signal	S	5
121216	Weak signal	S	Weak signal	S	6
121217	Weak signal	NS	Weak signal	NS	1
121218	Weak signal	S	Weak signal	S	1
121221	Weak signal	S	Weak signal	S	2
121299	Weak signal	S	Weak signal	S	8
121313	Weak signal	S	Weak signal	S	1
121318	Weak signal	NS	Weak signal	NS	2
121321	Weak signal	NS	Weak signal	NS	2
121411	Weak signal	NS	Weak signal	NS	6
131112	Weak signal	NS	Weak signal	NS	4
132111	Weak signal	NS	Weak signal	NS	3
132211	Weak signal	NS	Weak signal	NS	9
132311	Weak signal	S	Weak signal	S	7
132411	Weak signal	NS	Weak signal	NS	6
132511	Weak signal	NS	Weak signal	NS	2
133111	Weak signal	S	Weak signal	S	4
133112	Weak signal	NS	Weak signal	NS	2
133211	Moderate signal	S	Weak signal	S	5
133311	Weak signal	S	Moderate sign	S	1
133312	Weak signal	S	Weak signal	S	2
133411	Weak signal	NS	Weak signal	NS	3
133511	Weak signal	NS	Weak signal	NS	1
133512	Weak signal	S	Weak signal	S	4
133513	Weak signal	S	Weak signal	S	3
133611	Weak signal	S	Weak signal	S	4
133612	Weak signal	S	Weak signal	S	4
134111	Weak signal	NS	Weak signal	S	2
134299	Weak signal	NS	Weak signal	NS	1
134411	Weak signal	NS	Weak signal	NS	1
134499	Weak signal	NS	Weak signal	NS	2
135112	Weak signal	NS	Weak signal	NS	3
135199	Weak signal	NS	Weak signal	NS	2
139911	Weak signal	NS	Weak signal	NS	1
139915	Weak signal	NS	Weak signal	NS	2
139999	Weak signal	S	Weak signal	S	5
141111	Weak signal	S	Weak signal	S	9
141211	Weak signal	NS	Weak signal	NS	1
141311	Weak signal	NS	Weak signal	NS	4
141411	Weak signal	S	Weak signal	S	3
141911	Weak signal	NS	Weak signal	NS	1

141999	Weak signal	NS	Weak signal	NS	3
142111	Weak signal	S	Weak signal	S	3
142115	Weak signal	S	Moderate sign	S	1
142116	Weak signal	NS	Weak signal	NS	1
149113	Weak signal	NS	Moderate sign	NS	1
149212	Moderate signal	NS	Weak signal	NS	4
149311	Weak signal	NS	Weak signal	NS	2
149411	Weak signal	S	Weak signal	S	2
149413	Weak signal	S	Moderate sign	S	1
149912	Weak signal	NS	Weak signal	NS	1
149913	Weak signal	NS	Weak signal	NS	3
149999	Weak signal	NS	Weak signal	NS	2
211111	Weak signal	NS	Weak signal	NS	3
211112	Weak signal	NS	Moderate sign	NS	1
211199	Moderate signal	NS	Weak signal	NS	2
211212	Weak signal	NS	Weak signal	NS	1
211213	Weak signal	NS	Moderate sign	NS	1
211214	Weak signal	NS	Moderate sign	NS	1
211499	Weak signal	NS	Moderate sign	NS	1
212111	Moderate signal	NS	Moderate sign	NS	2
212112	Weak signal	NS	Weak signal	NS	2
212212	Weak signal	NS	Weak signal	NS	1
212311	Weak signal	NS	Weak signal	NS	1
212312	Weak signal	NS	Moderate sign	NS	2
212316	Weak signal	NS	Weak signal	NS	3
212317	Weak signal	S	Weak signal	S	2
212318	Weak signal	S	Moderate sign	S	1
212399	Weak signal	NS	Weak signal	NS	1
212499	Weak signal	NS	Weak signal	NS	1
221111	Moderate signal	S	Weak signal	S	14
221112	Weak signal	S	Weak signal	S	12
221113	Weak signal	NS	Weak signal	S	13
221211	Weak signal	NS	Weak signal	NS	4
221212	Moderate signal	NS	Weak signal	NS	3
221213	Weak signal	S	Weak signal	S	7
221214	Weak signal	NS	Weak signal	S	7
223111	Weak signal	S	Weak signal	S	6
223112	Weak signal	NS	Weak signal	NS	6
223113	Weak signal	S	Moderate sign	S	1
223211	Weak signal	S	Weak signal	S	24
223311	Weak signal	S	Weak signal	S	24
224112	Weak signal	S	Weak signal	S	1
224213	Strong signal	S	Weak signal	S	2
224311	Weak signal	NS	Moderate sign	NS	1
224712	Weak signal	S	Weak signal	S	2
225111	Weak signal	NS	Weak signal	NS	2
225112	Weak signal	NS	Moderate sign	NS	1
225113	Weak signal	NS	Moderate sign	NS	2

225212	Weak signal	NS	Weak signal	NS	2
225411	Weak signal	NS	Weak signal	NS	2
225412	Weak signal	S	Weak signal	S	1
225499	Weak signal	NS	Weak signal	NS	2
231111	Weak signal	S	Weak signal	S	2
231113	Weak signal	S	Moderate sign	S	1
231114	Weak signal	S	Weak signal	S	2
231199	Weak signal	S	Weak signal	S	2
231211	Weak signal	NS	Moderate sign	NS	1
231212	Weak signal	S	Weak signal	S	4
231213	Weak signal	S	Weak signal	S	4
231214	Weak signal	S	Weak signal	S	2
231215	Weak signal	S	Moderate sign	S	1
231299	Weak signal	S	Weak signal	S	4
232111	Weak signal	NS	Weak signal	NS	9
232112	Weak signal	NS	Weak signal	NS	4
232212	Weak signal	S	Weak signal	S	7
232311	Weak signal	NS	Moderate sign	NS	1
232411	Weak signal	S	Moderate sign	S	1
232412	Weak signal	NS	Weak signal	NS	1
232413	Weak signal	NS	Moderate sign	NS	1
232511	Weak signal	NS	Weak signal	NS	4
232611	Weak signal	NS	Weak signal	NS	1
233111	Weak signal	S	Strong signal	S	1
233211	Weak signal	S	Weak signal	S	6
233212	Weak signal	NS	Weak signal	NS	1
233214	Weak signal	S	Weak signal	S	2
233215	Weak signal	S	Moderate sign	S	1
233311	Weak signal	S	Weak signal	S	4
233411	Weak signal	NS	Weak signal	NS	2
233511	Weak signal	NS	Weak signal	NS	1
233512	Weak signal	NS	Weak signal	NS	5
233513	Weak signal	NS	Weak signal	NS	1
233611	Weak signal	S	Weak signal	S	4
233911	Weak signal	NS	Weak signal	NS	2
233914	Strong signal	S	Weak signal	S	5
233915	Weak signal	S	Weak signal	S	3
233916	Weak signal	S	Moderate sign	S	1
233999	Weak signal	S	Weak signal	S	3
234111	Weak signal	NS	Weak signal	NS	1
234112	Strong signal	S	Weak signal	S	3
234113	Weak signal	NS	Weak signal	NS	1
234212	Weak signal	NS	Strong signal	NS	1
234213	Weak signal	NS	Weak signal	NS	1
234314	Weak signal	NS	Weak signal	NS	1
234399	Weak signal	NS	Moderate sign	NS	2
234411	Weak signal	S	Weak signal	S	2
234518	Weak signal	NS	Weak signal	NS	1

234611	Weak signal	NS	Weak signal	NS	1
234711	Weak signal	NS	Weak signal	NS	1
234912	Moderate signal	S	Weak signal	S	2
241111	Weak signal	S	Weak signal	S	6
241213	Weak signal	NS	Weak signal	NS	3
241311	Weak signal	NS	Weak signal	NS	3
241411	Weak signal	S	Weak signal	S	7
241599	Weak signal	S	Weak signal	S	6
242111	Weak signal	NS	Weak signal	NS	4
242112	Weak signal	NS	Weak signal	NS	2
242211	Weak signal	S	Weak signal	S	25
249111	Weak signal	S	Weak signal	S	4
249299	Weak signal	S	Weak signal	S	4
251212	Weak signal	NS	Weak signal	NS	1
251213	Moderate signal	S	Weak signal	S	9
251214	Weak signal	NS	Weak signal	NS	1
251311	Moderate signal	S	Weak signal	S	4
251312	Weak signal	NS	Weak signal	NS	3
251411	Strong signal	S	Weak signal	S	5
251513	Weak signal	S	Weak signal	S	3
251911	Weak signal	NS	Weak signal	NS	2
251912	Weak signal	NS	Weak signal	NS	1
251999	Weak signal	NS	Weak signal	NS	2
252112	Weak signal	S	Weak signal	S	6
252299	Weak signal	NS	Weak signal	NS	1
252411	Weak signal	S	Weak signal	S	3
252511	Weak signal	S	Weak signal	S	3
252712	Strong signal	S	Strong signal	S	2
253399	Weak signal	NS	Weak signal	NS	1
253915	Weak signal	NS	Weak signal	NS	1
254411	Weak signal	NS	Weak signal	NS	1
254412	Weak signal	NS	Weak signal	NS	1
254416	Weak signal	NS	Weak signal	NS	2
254417	Weak signal	NS	Weak signal	NS	1
254424	Weak signal	NS	Weak signal	NS	1
261111	Weak signal	NS	Weak signal	NS	3
261112	Weak signal	NS	Weak signal	NS	2
261211	Weak signal	NS	Moderate sign	NS	1
261311	Weak signal	NS	Moderate sign	NS	1
261312	Weak signal	NS	Weak signal	NS	2
261313	Weak signal	S	Weak signal	S	9
262111	Weak signal	NS	Weak signal	NS	1
262112	Strong signal	NS	Moderate sign	NS	3
262113	Weak signal	S	Weak signal	S	4
263111	Weak signal	NS	Weak signal	NS	2
263212	Weak signal	NS	Weak signal	NS	1
263299	Weak signal	NS	Moderate sign	NS	1
263311	Weak signal	NS	Weak signal	NS	2

263312	Weak signal	NS	Weak signal	NS	1
271214	Weak signal	NS	Moderate sign	NS	1
272199	Weak signal	NS	Weak signal	NS	1
272511	Weak signal	NS	Weak signal	NS	1
272612	Weak signal	S	Weak signal	S	5
272613	Weak signal	NS	Weak signal	NS	1
311111	Weak signal	NS	Weak signal	S	23
311213	Weak signal	NS	Weak signal	NS	4
311215	Weak signal	S	Weak signal	S	2
311216	Moderate signal	S	Weak signal	S	3
311299	Weak signal	NS	Weak signal	NS	4
311311	Weak signal	NS	Weak signal	NS	1
311312	Strong signal	S	Weak signal	S	3
311313	Weak signal	NS	Weak signal	NS	1
311399	Weak signal	S	Weak signal	S	14
311414	Weak signal	NS	Weak signal	NS	1
312114	Weak signal	NS	Weak signal	NS	3
312116	Moderate signal	S	Weak signal	S	2
312211	Strong signal	S	Weak signal	S	3
312212	Strong signal	S	Weak signal	S	6
312311	Weak signal	S	Weak signal	S	3
312312	Weak signal	S	Weak signal	S	6
312411	Weak signal	NS	Weak signal	NS	1
312412	Weak signal	S	Weak signal	S	1
312511	Weak signal	NS	Weak signal	NS	2
312512	Weak signal	S	Weak signal	NS	6
312611	Weak signal	S	Weak signal	S	2
312911	Weak signal	S	Weak signal	S	3
312912	Moderate signal	S	Moderate sign	S	1
312913	Weak signal	S	Strong signal	S	1
312999	Weak signal	NS	Weak signal	NS	1
313199	Weak signal	S	Weak signal	S	3
313212	Weak signal	NS	Weak signal	NS	2
313214	Moderate signal	S	Moderate sign	S	1
321111	Strong signal	S	Weak signal	S	13
321211	Moderate signal	S	Weak signal	S	14
321212	Strong signal	S	Weak signal	S	15
321213	Strong signal	S	Weak signal	S	4
321214	Strong signal	S	Weak signal	S	5
322113	Weak signal	S	Weak signal	S	1
322211	Strong signal	S	Weak signal	S	5
322311	Weak signal	S	Weak signal	S	13
322312	Strong signal	S	Weak signal	S	5
322313	Weak signal	S	Weak signal	S	5
323211	Weak signal	S	Weak signal	S	8
323212	Weak signal	S	Weak signal	S	6
323213	Strong signal	S	Weak signal	S	5
323214	Weak signal	NS	Weak signal	NS	5

323299	Weak signal	S	Weak signal	NS	5
323313	Weak signal	S	Strong signal	S	1
323411	Strong signal	S	Moderate sign	S	1
324111	Strong signal	S	Weak signal	S	5
324211	Strong signal	S	Weak signal	S	5
324212	Weak signal	S	Weak signal	S	4
324311	Strong signal	S	Weak signal	S	7
331111	Strong signal	S	Moderate sign	S	4
331112	Strong signal	S	Moderate sign	S	2
331211	Moderate signal	S	Weak signal	S	4
331212	Weak signal	S	Weak signal	S	10
331213	Moderate signal	S	Moderate sign	S	2
332111	Moderate signal	S	Moderate sign	S	1
332211	Strong signal	S	Moderate sign	S	3
333111	Strong signal	S	Moderate sign	S	1
333211	Strong signal	S	Weak signal	S	4
333212	Strong signal	S	Moderate sign	S	2
333311	Strong signal	S	Weak signal	S	7
333411	Moderate signal	S	Moderate sign	S	2
334112	Weak signal	S	Weak signal	S	4
334115	Strong signal	S	Moderate sign	S	4
341111	Weak signal	S	Weak signal	S	19
341112	Strong signal	S	Weak signal	S	7
341113	Weak signal	NS	Weak signal	NS	1
342111	Weak signal	S	Weak signal	S	5
342211	Weak signal	S	Strong signal	S	1
342212	Weak signal	S	Strong signal	S	1
342311	Weak signal	NS	Weak signal	NS	3
342312	Weak signal	NS	Weak signal	NS	1
342313	Strong signal	S	Weak signal	S	7
342314	Strong signal	S	Weak signal	S	4
342315	Weak signal	S	Weak signal	S	2
342411	Weak signal	S	Weak signal	S	2
342412	Weak signal	S	Weak signal	S	1
342413	Weak signal	S	Weak signal	S	2
342414	Weak signal	S	Weak signal	S	2
351111	Weak signal	S	Strong signal	S	2
351112	Weak signal	S	Weak signal	S	3
351211	Weak signal	S	Moderate sign	S	2
351311	Weak signal	S	Weak signal	S	9
351411	Weak signal	S	Weak signal	S	7
361112	Weak signal	S	Strong signal	S	1
361311	Weak signal	NS	Weak signal	NS	1
362211	Weak signal	S	Weak signal	S	3
362212	Weak signal	S	Strong signal	S	2
362213	Weak signal	S	Weak signal	S	7
362311	Weak signal	S	Strong signal	S	3
362411	Weak signal	S	Weak signal	S	2

391111	Weak signal	S	Strong signal	S	2
393111	Weak signal	S	Strong signal	S	1
393113	Weak signal	NS	Weak signal	NS	1
393213	Weak signal	NS	Moderate sign	NS	1
393311	Weak signal	NS	Weak signal	NS	1
399111	Weak signal	NS	Weak signal	NS	1
399112	Weak signal	NS	Weak signal	NS	1
399513	Weak signal	S	Weak signal	S	2
399514	Weak signal	NS	Moderate sign	NS	1
399515	Weak signal	S	Weak signal	S	4
399516	Weak signal	S	Weak signal	S	2
399599	Weak signal	S	Weak signal	S	4
399911	Weak signal	NS	Weak signal	NS	3
399912	Weak signal	NS	Weak signal	NS	1
399913	Strong signal	S	Weak signal	S	12
399914	Weak signal	S	Weak signal	S	2
399999	Moderate signal	S	Weak signal	S	16
411111	Weak signal	NS	Weak signal	NS	3
411112	Weak signal	NS	Weak signal	NS	1
411212	Strong signal	S	Weak signal	S	2
411213	Weak signal	S	Strong signal	S	1
411411	Weak signal	S	Weak signal	S	6
411511	Weak signal	S	Moderate sign	S	3
411611	Weak signal	S	Moderate sign	S	1
411711	Weak signal	S	Weak signal	NS	4
411712	Weak signal	NS	Weak signal	NS	5
411713	Weak signal	NS	Weak signal	NS	4
411715	Strong signal	S	Strong signal	S	2
411716	Weak signal	S	Weak signal	S	3
421111	Weak signal	S	Weak signal	S	10
421112	Weak signal	S	Weak signal	S	3
421114	Weak signal	S	Weak signal	S	4
422111	Weak signal	S	Strong signal	S	1
423111	Weak signal	S	Weak signal	S	5
423313	Weak signal	S	Strong signal	S	1
423314	Weak signal	NS	Weak signal	NS	2
431111	Weak signal	S	Weak signal	S	5
431112	Weak signal	S	Weak signal	S	5
431311	Weak signal	NS	Weak signal	NS	1
431411	Weak signal	NS	Weak signal	NS	4
431511	Weak signal	S	Weak signal	S	4
441212	Weak signal	NS	Moderate sign	NS	1
441312	Moderate signal	S	Weak signal	S	4
442111	Weak signal	S	Strong signal	S	1
442213	Moderate signal	NS	Moderate sign	NS	2
442216	Weak signal	S	Weak signal	S	1
442217	Weak signal	S	Weak signal	S	1
451111	Weak signal	S	Weak signal	S	3

451211	Weak signal	S	Moderate sign	S	1
451411	Weak signal	NS	Weak signal	NS	1
451412	Weak signal	NS	Weak signal	NS	1
451512	Weak signal	NS	Weak signal	NS	1
451611	Weak signal	NS	Weak signal	NS	1
451612	Weak signal	NS	Weak signal	NS	1
451711	Weak signal	NS	Weak signal	NS	2
451799	Weak signal	NS	Weak signal	NS	1
451815	Weak signal	S	Weak signal	S	2
451899	Weak signal	NS	Weak signal	NS	1
452111	Strong signal	S	Weak signal	S	7
452212	Weak signal	NS	Weak signal	NS	2
452214	Strong signal	S	Strong signal	S	1
452215	Strong signal	S	Weak signal	S	54
452216	Weak signal	S	Weak signal	S	15
452217	Moderate signal	S	Weak signal	S	11
452299	Strong signal	S	Weak signal	S	31
452311	Weak signal	NS	Weak signal	NS	1
452312	Weak signal	S	Strong signal	S	1
452313	Moderate signal	NS	Strong signal	NS	1
452314	Strong signal	S	Strong signal	S	1
452315	Moderate signal	S	Weak signal	S	2
452317	Strong signal	S	Weak signal	S	5
452321	Strong signal	S	Weak signal	S	4
452322	Strong signal	S	Weak signal	S	2
452323	Strong signal	S	Weak signal	S	4
452414	Weak signal	NS	Weak signal	NS	2
511111	Weak signal	NS	Weak signal	NS	1
511112	Weak signal	NS	Weak signal	NS	8
512111	Weak signal	NS	Weak signal	NS	6
512299	Weak signal	NS	Weak signal	NS	1
521111	Weak signal	NS	Weak signal	NS	4
521211	Weak signal	NS	Weak signal	NS	3
531111	Weak signal	NS	Weak signal	NS	4
532111	Weak signal	NS	Weak signal	NS	2
532113	Weak signal	NS	Weak signal	NS	1
542111	Weak signal	NS	Weak signal	NS	7
542112	Weak signal	NS	Weak signal	NS	1
551111	Weak signal	NS	Weak signal	NS	5
551112	Weak signal	NS	Weak signal	NS	1
551211	Weak signal	NS	Weak signal	NS	2
551311	Weak signal	NS	Weak signal	NS	3
552312	Weak signal	NS	Strong signal	NS	1
591112	Weak signal	NS	Weak signal	NS	1
591113	Weak signal	NS	Weak signal	NS	2
591116	Weak signal	S	Weak signal	S	4
591211	Weak signal	S	Weak signal	S	2
591212	Weak signal	S	Weak signal	S	2

599411	Weak signal	NS	Weak signal	NS	2
599513	Weak signal	NS	Weak signal	NS	1
599517	Weak signal	NS	Weak signal	NS	1
599912	Weak signal	NS	Weak signal	NS	2
599915	Weak signal	NS	Weak signal	NS	2
599916	Weak signal	NS	Weak signal	NS	3
599999	Weak signal	NS	Weak signal	NS	1
611312	Weak signal	NS	Weak signal	NS	1
611313	Moderate signal	S	Moderate sign	S	1
611399	Weak signal	NS	Weak signal	NS	2
621311	Moderate signal	NS	Moderate sign	NS	1
621312	Weak signal	NS	Weak signal	NS	2
621411	Moderate signal	NS	Weak signal	NS	3
621511	Weak signal	S	Weak signal	S	5
711112	Weak signal	NS	Weak signal	NS	2
711516	Weak signal	NS	Weak signal	NS	1
711913	Weak signal	NS	Weak signal	NS	1
711999	Weak signal	NS	Weak signal	NS	5
712111	Weak signal	NS	Weak signal	NS	6
712211	Weak signal	S	Weak signal	S	3
712212	Weak signal	S	Weak signal	S	2
712213	Weak signal	S	Weak signal	S	2
712311	Weak signal	S	Weak signal	S	3
712917	Weak signal	NS	Weak signal	NS	3
712918	Weak signal	S	Weak signal	S	3
712921	Weak signal	S	Moderate sign	S	2
721111	Weak signal	S	Weak signal	S	3
721112	Weak signal	NS	Weak signal	NS	1
721211	Weak signal	NS	Strong signal	NS	2
721311	Weak signal	NS	Weak signal	NS	13
721911	Weak signal	S	Weak signal	S	2
721914	Weak signal	S	Weak signal	S	4
721999	Strong signal	NS	Weak signal	NS	7
731111	Weak signal	NS	Weak signal	NS	1
731112	Weak signal	NS	Weak signal	NS	2
731211	Weak signal	S	Weak signal	S	5
731212	Weak signal	S	Weak signal	S	2
731213	Weak signal	NS	Weak signal	NS	1
731311	Strong signal	S	Weak signal	S	7
731312	Weak signal	NS	Weak signal	NS	1
732111	Weak signal	NS	Weak signal	NS	2
733111	Weak signal	S	Weak signal	S	9
733113	Weak signal	S	Weak signal	S	2
733114	Weak signal	NS	Weak signal	NS	1
733115	Moderate signal	S	Weak signal	S	2
741111	Weak signal	S	Weak signal	S	4
811611	Weak signal	S	Moderate sign	S	1
821311	Weak signal	NS	Weak signal	NS	1

821611	Weak signal	S	Moderate sign	S	1
821711	Weak signal	NS	Weak signal	NS	4
821713	Moderate signal	S	Moderate sign	S	1
821714	Moderate signal	S	Moderate sign	S	1
831211	Moderate signal	S	Weak signal	S	3
831212	Strong signal	S	Weak signal	S	3
839311	Weak signal	NS	Weak signal	NS	1
839312	Weak signal	NS	Weak signal	NS	1
839313	Weak signal	NS	Weak signal	NS	1
841213	Strong signal	S	Weak signal	S	2
841216	Weak signal	NS	Weak signal	NS	1
841299	Strong signal	S	Weak signal	S	3
841311	Weak signal	NS	Weak signal	NS	1
841511	Weak signal	S	Moderate sign	S	1
841512	Weak signal	NS	Weak signal	NS	1
841514	Weak signal	S	Weak signal	S	1
841599	Weak signal	S	Weak signal	S	2
841913	Weak signal	NS	Weak signal	NS	1
899211	Strong signal	S	Weak signal	S	5
899212	Weak signal	S	Weak signal	S	5
899411	Moderate signal	S	Moderate sign	S	1
899412	Weak signal	S	Moderate sign	S	2
899413	Weak signal	S	Moderate sign	S	1
899415	Moderate signal	S	Moderate sign	S	1
xxxxxx	Strong signal	S	Moderate sign	S	21

all occs
occs at least 100

198 176
Flags of WITHIN, BELOW and ABOVE

anzsco_code	x2013_title	log(X1)	Log(X2)
131113	Advertising Manager	Above	Above
134211	Medical Administrator / Medical Superintendent	Within	Within
134212	Nursing Clinical Director	Within	Within
134213	Primary Health Organisation Manager	Within	Within
134214	Welfare Centre Manager	Within	Within
134411	Faculty Head	Above	Above
135111	Chief Information Officer	Above	Above
139912	Environmental Manager	Above	Above
139913	Laboratory Manager	Above	Above
142114	Hair or Beauty Salon Manager	Below	Within
142115	Post Office Manager	Within	Above
149211	Call or Contact Centre Manager	Above	Above
149411	Fleet Manager	Above	Above
149413	Transport Company Manager	Above	Above
211111	Actor	Within	Above
212111	Artistic Director	Above	Above
212112	Media Producer (excluding Video)	Above	Above
212113	Radio Presenter	Above	Above
212211	Author	Within	Above
212212	Book or Script Editor	Above	Above
212311	Art Director (Film, Television or Stage)	Above	Above
212312	Director (Film, Television, Radio or Stage)	Above	Above
212313	Director of Photography	Above	Above
212314	Film and Video Editor	Above	Above
212315	Program Director (Television or Radio)	Above	Above
212316	Stage Manager	Above	Above
212317	Technical Director	Above	Above
212318	Video Producer	Above	Above
212411	Copywriter	Above	Above
221111	Accountant (General)	Above	Above
221112	Management Accountant	Above	Above
221113	Taxation Accountant	Above	Above
221212	Corporate Treasurer	Above	Above
221213	External Auditor	Above	Above
221214	Internal Auditor	Above	Above
222111	Commodities Trader	Within	Above
222312	Financial Investment Manager	Above	Above
224111	Actuary	Above	Above
224112	Mathematician	Above	Above
224113	Statistician	Above	Above

224211	Archivist	Above	Above
224212	Gallery or Museum Curator	Above	Above
224213	Health Information Manager	Above	Above
224214	Records Manager	Above	Above
224411	Intelligence Officer	Above	Above
224512	Valuer	Above	Above
225112	Market Research Analyst	Above	Above
231111	Aeroplane Pilot	Below	Below
231112	Air Traffic Controller	Below	Below
231113	Flying Instructor	Above	Within
231114	Helicopter Pilot	Below	Below
231213	Ship's Master	Above	Above
231214	Ship's Officer	Above	Within
232112	Landscape Architect	Above	Within
232213	Cartographer	Above	Within
232214	Other Spatial Scientist	Above	Above
232311	Fashion Designer	Above	Above
232312	Industrial Designer	Above	Above
232412	Illustrator	Above	Above
232413	Multimedia Designer	Above	Above
232414	Web Designer	Above	Above
233111	Chemical Engineer	Above	Within
233112	Materials Engineer	Above	Within
233211	Civil Engineer	Above	Above
233212	Geotechnical Engineer	Above	Within
233213	Quantity Surveyor	Above	Above
233214	Structural Engineer	Above	Within
233215	Transport Engineer	Above	Within
233511	Industrial Engineer	Above	Within
233612	Petroleum Engineer	Above	Within
233911	Aeronautical Engineer	Above	Within
233913	Biomedical Engineer	Above	Above
233914	Engineering Technologist	Above	Within
233915	Environmental Engineer	Above	Within
233916	Naval Architect / Marine Designer	Within	Within
234212	Food Technologist	Above	Above
234311	Conservation Officer	Above	Within
234314	Park Ranger	Within	Within
234511	Life Scientist (General)	Above	Above
234513	Biochemist	Above	Above
234514	Biotechnologist	Above	Above
234515	Botanist	Above	Above
234517	Microbiologist	Above	Above
234518	Zoologist	Above	Above
234911	Conservator	Above	Above
234912	Metallurgist	Above	Within
234913	Meteorologist	Above	Within
234914	Physicist	Above	Within

234999	Natural and Physical Science Professionals nec	Within	Within
242111	University Lecturer	Within	Within
242112	University Tutor	Within	Within
249212	Dance Teacher (Private Tuition)	Within	Below
249214	Music Teacher (Private Tuition)	Within	Within
251111	Dietitian	Within	Below
251112	Nutritionist	Above	Above
251212	Medical Radiation Therapist	Within	Within
251213	Nuclear Medicine Technologist	Within	Within
251412	Orthoptist	Below	Below
251511	Hospital Pharmacist	Within	Within
251513	Retail Pharmacist	Below	Below
251911	Health Promotion Officer	Within	Within
251912	Orthotist or Prosthetist	Within	Within
252211	Acupuncturist	Below	Below
252213	Naturopath	Below	Below
252711	Audiologist	Below	Within
253112	Resident Medical Officer	Within	Within
253317	Intensive Care Specialist	Within	Within
253318	Neurologist	Within	Below
253321	Paediatrician	Within	Below
253324	Thoracic Medicine Specialist	Within	Below
253911	Dermatologist	Within	Below
253912	Emergency Medicine Specialist	Within	Within
253913	Obstetrician and Gynaecologist	Within	Below
253914	Ophthalmologist	Within	Below
253915	Pathologist	Within	Below
253917	Diagnostic and Interventional Radiologist	Within	Within
254212	Nurse Researcher	Within	Within
254411	Nurse Practitioner	Within	Within
254412	Registered Nurse (Aged Care)	Within	Within
254413	Registered Nurse (Child and Family Health)	Within	Below
254414	Registered Nurse (Community Health)	Within	Within
254415	Registered Nurse (Critical Care and Emergency)	Within	Within
254416	Registered Nurse (Developmental Disability)	Within	Within
254417	Registered Nurse (Disability and Rehabilitation)	Below	Below
254418	Registered Nurse (Medical)	Within	Within
254421	Registered Nurse (Medical Practice)	Within	Within
254422	Registered Nurse (Mental Health)	Below	Below
254423	Registered Nurse (Perioperative)	Below	Within
254424	Registered Nurse (Surgical)	Below	Below
254425	Registered Nurse (Paediatrics)	Within	Within
261211	Multimedia Specialist	Above	Above
261311	Analyst Programmer	Above	Above
261312	Developer Programmer	Above	Above
261314	Software Tester	Above	Above
263112	Network Administrator	Above	Above
263113	Network Analyst	Above	Above

263211	ICT Quality Assurance Engineer	Above	Above
263212	ICT Support Engineer	Above	Above
263213	ICT Systems Test Engineer	Above	Above
272111	Careers Counsellor	Above	Within
272112	Drug and Alcohol Counsellor	Within	Within
272113	Family and Marriage Counsellor	Within	Within
272114	Rehabilitation Counsellor	Within	Within
272115	Student Counsellor	Within	Within
272312	Educational Psychologist	Within	Within
272313	Organisational Psychologist	Above	Above
272411	Historian	Below	Below
272412	Interpreter	Within	Within
272413	Translator	Below	Below
272612	Recreation Officer / Recreation Coordinator	Within	Within
311211	Anaesthetic Technician	Within	Within
311212	Cardiac Technician	Within	Within
311213	Medical Laboratory Technician	Above	Above
311214	Operating Theatre Technician	Within	Within
311299	Medical Technicians nec	Within	Within
311411	Chemistry Technician	Above	Above
311412	Earth Science Technician	Above	Within
311413	Life Science Technician	Above	Above
312116	Surveying or Spatial Science Technician	Above	Within
312212	Civil Engineering Technician	Within	Within
312312	Electrical Engineering Technician	Above	Within
312511	Mechanical Engineering Draftsperson	Above	Within
312512	Mechanical Engineering Technician	Above	Within
313111	Hardware Technician	Above	Above
313113	Web Administrator	Above	Above
321212	Diesel Motor Mechanic	Within	Below
321213	Motorcycle Mechanic	Within	Below
321214	Small Engine Mechanic	Within	Below
322313	Welder (First Class) (Aus) / Welder (NZ)	Within	Below
323111	Aircraft Maintenance Engineer (Avionics)	Within	Within
323214	Metal Machinist (First Class)	Within	Below
323311	Engraver	Below	Below
323312	Gunsmith	Within	Below
323314	Precision Instrument Maker and Repairer	Within	Within
323315	Saw Doctor	Below	Below
323316	Watch and Clock Maker and Repairer	Within	Below
323411	Engineering Patternmaker	Within	Below
323412	Toolmaker	Within	Below
331111	Bricklayer	Below	Below
331213	Joiner	Within	Below
333211	Fibrous Plasterer	Below	Below
333212	Solid Plasterer	Below	Below
334113	Drainer / Drainlayer	Within	Below
334114	Gasfitter	Within	Below

334115	Roof Plumber	Below	Below
341112	Electrician (Special Class)	Within	Within
341113	Lift Mechanic	Within	Below
342311	Business Machine Mechanic	Above	Above
342312	Communications Operator	Below	Below
342314	Electronic Instrument Trades Worker (General)	Above	Within
342411	Cabler (Data and Telecommunications)	Above	Above
342412	Telecommunications Cable Jointer	Within	Below
342413	Telecommunications Linesworker / Telecommunicat	Within	Within
342414	Telecommunications Technician	Above	Above
362212	Arborist	Below	Below
392111	Print Finisher	Below	Below
392112	Screen Printer	Within	Within
393212	Clothing Patternmaker	Below	Below
394211	Furniture Finisher	Below	Below
394213	Wood Machinist	Below	Below
399212	Gas or Petroleum Operator	Below	Below
399213	Power Generation Plant Operator	Within	Below
399311	Gallery or Museum Technician	Below	Within
399312	Library Technician	Above	Above
399511	Broadcast Transmitter Operator	Below	Below
399512	Camera Operator (Film, Television or Video)	Within	Above
399515	Musical Instrument Maker or Repairer	Within	Below
399516	Sound Technician	Below	Within
399911	Diver	Below	Within
399912	Interior Decorator	Above	Within
399914	Optical Mechanic	Within	Below
399915	Photographer's Assistant	Above	Above
399916	Plastics Technician	Within	Within
411111	Ambulance Officer	Within	Within
411112	Intensive Care Ambulance Paramedic (Aus) / Ambul	Within	Within
411211	Dental Hygienist	Within	Within
411213	Dental Technician	Below	Within
411214	Dental Therapist	Within	Within
411412	Mothercraft Nurse	Within	Within
411511	Aboriginal and Torres Strait Islander Health Worker	Within	Within
411713	Family Support Worker	Within	Within
411714	Parole or Probation Officer	Within	Within
411715	Residential Care Officer	Within	Within
421113	Nanny	Within	Within
422112	Integration Aide	Within	Within
423314	Therapy Aide	Within	Within
431912	Doorperson or Luggage Porter	Within	Above
441211	Emergency Service Worker	Within	Within
441212	Fire Fighter	Within	Within
441312	Police Officer	Within	Within
442214	Private Investigator	Within	Within
442215	Retail Loss Prevention Officer	Below	Within

442216	Security Consultant	Above	Above
451711	Flight Attendant	Below	Below
452215	Outdoor Adventure Instructor	Below	Below
452216	Trekking Guide	Below	Within
452322	Sports Umpire	Below	Below
452414	Lifeguard	Within	Within
521211	Secretary (General)	Above	Above
532113	Word Processing Operator	Above	Above
541111	Call or Contact Centre Team Leader	Above	Above
542112	Admissions Clerk	Within	Above
542113	Hotel or Motel Receptionist	Within	Above
551112	Cost Clerk	Above	Above
552312	Insurance Consultant	Above	Above
552314	Statistical Clerk	Above	Above
561212	Postal Delivery Officer	Within	Above
561411	Mail Clerk	Within	Above
561912	Meter Reader	Above	Above
591112	Production Clerk	Above	Above
591113	Purchasing Officer	Above	Above
591115	Stock Clerk	Above	Above
591116	Warehouse Administrator	Above	Above
591117	Order Clerk	Above	Above
599511	Customs Officer	Within	Above
599512	Immigration Officer	Within	Above
599516	Taxation Inspector	Above	Above
599518	Transport Operations Inspector	Within	Within
599913	Proof Reader	Above	Above
599914	Radio Despatcher	Within	Within
599915	Clinical Coder	Within	Within
599916	Facilities Administrator	Above	Above
612114	Real Estate Agent	Above	Within
612115	Real Estate Representative	Within	Above
621311	Motor Vehicle or Caravan Salesperson	Within	Above
621312	Motor Vehicle Parts Interpreter / Automotive Parts Salesperson	Within	Above
639112	Sales Demonstrator	Within	Above
639211	Retail Buyer	Within	Above
711111	Clay Products Machine Operator	Below	Below
711112	Concrete Products Machine Operator	Below	Below
711113	Glass Production Machine Operator	Below	Below
711114	Stone Processing Machine Operator	Within	Below
711511	Plastic Cabling Machine Operator	Below	Below
711512	Plastic Compounding and Reclamation Machine Operator	Below	Below
711513	Plastics Fabricator or Welder	Below	Below
711514	Plastics Production Machine Operator (General)	Below	Below
711515	Reinforced Plastic and Composite Production Worker	Below	Within
711516	Rubber Production Machine Operator	Below	Below
711914	Sterilisation Technician	Within	Within
712213	Shot Firer	Below	Below

712911	Boiler or Engine Operator	Within	Below
712912	Bulk Materials Handling Plant Operator	Within	Within
712915	Concrete Pump Operator	Within	Below
712917	Railway Signal Operator	Below	Below
712921	Waste Water or Water Plant Operator	Below	Below
712922	Weighbridge Operator	Within	Within
721111	Agricultural and Horticultural Mobile Plant Operator	Below	Below
721211	Earthmoving Plant Operator (General)	Within	Below
721212	Backhoe Operator	Within	Below
721213	Bulldozer Operator	Within	Below
721215	Grader Operator	Within	Below
721216	Loader Operator	Within	Below
721911	Aircraft Baggage Handler and Airline Ground Crew	Within	Below
721912	Linemaker	Within	Below
721913	Paving Plant Operator	Below	Below
721914	Railway Track Plant Operator	Within	Below
721915	Road Roller Operator	Within	Within
731311	Train Driver	Below	Below
733112	Aircraft Refueller	Within	Below
733113	Furniture Removalist	Above	Above
733114	Tanker Driver	Within	Within
733115	Tow Truck Driver	Within	Within
811411	Commercial Housekeeper	Below	Within
811412	Domestic Housekeeper	Below	Below
811511	Laundry Worker (General)	Within	Above
811512	Drycleaner	Below	Within
811513	Ironer or Presser	Below	Below
811611	Carpet Cleaner	Below	Within
811612	Window Cleaner	Below	Within
821111	Builder's Labourer	Within	Below
821112	Drainage, Sewerage and Stormwater Labourer	Below	Below
821113	Earthmoving Labourer	Below	Below
821114	Plumber's Assistant	Below	Below
821411	Building Insulation Installer	Below	Below
821412	Home Improvement Installer	Within	Below
821713	Steel Fixer	Within	Below
821714	Structural Steel Erector	Within	Below
821911	Crane Chaser	Below	Below
821912	Driller's Assistant	Within	Below
821913	Lagger	Below	Below
821914	Mining Support Worker	Below	Below
831111	Baking Factory Worker	Within	Within
831113	Confectionery Maker	Below	Below
831115	Fruit and Vegetable Factory Worker	Below	Below
831211	Meat Boner and Slicer	Below	Below
831311	Meat Process Worker	Below	Below
831312	Poultry Process Worker	Below	Below
831313	Seafood Process Worker	Below	Below

839212	Rubber Factory Worker	Below	Below
839311	Product Examiner	Above	Above
839313	Product Tester	Above	Above
839411	Paper and Pulp Mill Worker	Below	Below
839412	Sawmill or Timber Yard Worker	Below	Below
839413	Wood and Wood Products Factory Worker	Below	Below
839911	Cement and Concrete Plant Worker	Below	Below
839912	Chemical Plant Worker	Within	Within
839913	Clay Processing Factory Worker	Below	Within
839914	Fabric and Textile Factory Worker	Below	Within
839915	Footwear Factory Worker	Below	Below
839916	Glass Processing Worker	Within	Within
839918	Recycling Worker	Below	Within
841311	Forestry Worker	Below	Below
841313	Tree Faller	Below	Below
851211	Pastrycook's Assistant	Within	Within
899412	Autoglazier	Below	Below
899415	Tyre Fitter	Below	Below
899511	Printer's Assistant	Below	Within
899512	Printing Table Worker	Below	Within
899911	Bicycle Mechanic	Below	Below
899914	Electrical or Telecommunications Trades Assistant	Within	Within
899915	Leaflet or Newspaper Deliverer	Within	Within
899918	Sign Erector	Below	Below
899921	Ticket Collector or Usher	Below	Within
111211	Corporate General Manager	Above	Above
131112	Sales and Marketing Manager	Within	Above
131114	Public Relations Manager	Above	Above
132111	Corporate Services Manager	Above	Above
132211	Finance Manager	Above	Above
132311	Human Resource Manager	Above	Above
132411	Policy and Planning Manager	Above	Above
133111	Construction Project Manager	Above	Above
133211	Engineering Manager	Above	Above
133512	Production Manager (Manufacturing)	Above	Above
133513	Production Manager (Mining)	Within	Within
133611	Supply and Distribution Manager	Above	Above
133612	Procurement Manager	Above	Above
134111	Child Care Centre Manager	Within	Within
135112	ICT Project Manager	Above	Above
139914	Quality Assurance Manager	Above	Above
141111	Cafe or Restaurant Manager	Below	Within
141311	Hotel or Motel Manager	Within	Above
141411	Licensed Club Manager	Within	Within
142111	Retail Manager (General)	Below	Within
149112	Fitness Centre Manager	Within	Above
149212	Customer Service Manager	Within	Above
149311	Conference and Event Organiser	Within	Above

149913	Facilities Manager	Within	Above
149914	Financial Institution Branch Manager	Above	Above
212415	Technical Writer	Above	Above
222113	Insurance Broker	Below	Below
222311	Financial Investment Adviser	Above	Above
223111	Human Resource Adviser	Above	Above
223112	Recruitment Consultant	Within	Within
223113	Workplace Relations Adviser	Within	Within
223311	Training and Development Professional	Within	Above
224412	Policy Analyst	Above	Above
224611	Librarian	Within	Within
224711	Management Consultant	Above	Above
224712	Organisation and Methods Analyst	Above	Above
224912	Liaison Officer	Within	Above
225113	Marketing Specialist	Above	Above
225311	Public Relations Professional	Above	Above
225411	Sales Representative (Industrial Products)	Below	Within
225412	Sales Representative (Medical and Pharmaceutical F	Above	Above
232111	Architect	Above	Above
232212	Surveyor	Below	Below
232411	Graphic Designer	Above	Above
232511	Interior Designer	Above	Above
232611	Urban and Regional Planner	Within	Within
233311	Electrical Engineer	Above	Above
233512	Mechanical Engineer	Above	Above
233513	Production or Plant Engineer	Above	Above
233611	Mining Engineer (excluding Petroleum)	Above	Within
234112	Agricultural Scientist	Above	Below
234211	Chemist	Above	Above
234312	Environmental Consultant	Above	Above
234313	Environmental Research Scientist	Above	Within
234411	Geologist	Above	Within
234611	Medical Laboratory Scientist	Above	Above
234711	Veterinarian	Below	Below
241111	Early Childhood (Pre-primary School) Teacher	Below	Below
241213	Primary School Teacher	Within	Within
241411	Secondary School Teacher	Within	Below
241511	Special Needs Teacher	Below	Below
251211	Medical Diagnostic Radiographer	Within	Within
251214	Sonographer	Below	Below
251311	Environmental Health Officer	Within	Within
251312	Occupational Health and Safety Adviser	Above	Above
251411	Optometrist	Below	Below
252312	Dentist	Below	Below
252411	Occupational Therapist	Below	Below
252511	Physiotherapist	Below	Below
252611	Podiatrist	Below	Below
252712	Speech Pathologist \ Speech Language Therapist	Below	Below

253111	General Practitioner	Below	Below
253411	Psychiatrist	Below	Below
254111	Midwife	Below	Below
254211	Nurse Educator	Within	Within
254311	Nurse Manager	Within	Within
261212	Web Developer	Above	Above
261313	Software Engineer	Above	Above
262111	Database Administrator	Above	Above
262112	ICT Security Specialist	Above	Above
262113	Systems Administrator	Above	Above
263111	Computer Network and Systems Engineer	Above	Above
263299	ICT Support and Test Engineers nec	Above	Above
271311	Solicitor	Within	Within
272311	Clinical Psychologist	Below	Below
272511	Social Worker	Within	Within
272613	Welfare Worker	Within	Within
311215	Pharmacy Technician	Below	Within
311216	Pathology Collector / Phlebotomist	Within	Within
312111	Architectural Draftsperson	Above	Above
312112	Building Associate	Within	Above
312113	Building Inspector	Below	Below
312114	Construction Estimator	Above	Above
312211	Civil Engineering Draftsperson	Within	Within
312311	Electrical Engineering Draftsperson	Within	Within
312611	Safety Inspector	Within	Within
312911	Maintenance Planner	Within	Within
312912	Metallurgical or Materials Technician	Below	Below
313112	ICT Customer Support Officer	Above	Above
321111	Automotive Electrician	Below	Below
321211	Motor Mechanic (General)	Below	Below
322311	Metal Fabricator	Below	Below
323112	Aircraft Maintenance Engineer (Mechanical)	Within	Below
323211	Fitter (General)	Within	Below
323313	Locksmith	Below	Below
324111	Panelbeater	Below	Below
324311	Vehicle Painter	Below	Below
331112	Stonemason	Below	Below
331212	Carpenter	Within	Below
332111	Floor Finisher	Below	Below
333111	Glazier	Below	Below
333411	Wall and Floor Tiler	Below	Below
334111	Plumber (General)	Below	Below
341111	Electrician (General)	Below	Below
342111	Airconditioning and Refrigeration Mechanic	Below	Below
342313	Electronic Equipment Trades Worker	Below	Below
351111	Baker	Below	Below
351112	Pastrycook	Within	Below
351211	Butcher or Smallgoods Maker	Below	Below

351311	Chef	Within	Within
351411	Cook	Within	Within
362211	Gardener (General)	Below	Within
362213	Landscape Gardener	Below	Below
362311	Greenkeeper	Below	Within
391111	Hairdresser	Below	Below
394111	Cabinetmaker	Below	Below
399913	Optical Dispenser / Dispensing Optician	Below	Within
399918	Fire Protection Equipment Technician	Below	Within
411311	Diversional Therapist	Below	Within
411411	Enrolled Nurse	Within	Below
411711	Community Worker	Above	Above
411712	Disabilities Services Officer	Above	Above
411716	Youth Worker	Within	Within
421111	Child Care Worker	Below	Below
421114	Out of School Hours Care Worker	Below	Below
423111	Aged or Disabled Carer	Within	Below
423211	Dental Assistant	Below	Within
423311	Hospital Orderly	Within	Within
423312	Nursing Support Worker	Below	Below
423313	Personal Care Assistant	Below	Below
431111	Bar Attendant	Above	Above
431112	Barista	Below	Above
431411	Hotel Service Manager	Within	Above
431511	Waiter	Below	Above
442217	Security Officer	Within	Within
451111	Beauty Therapist	Below	Below
451612	Travel Consultant	Below	Below
452315	Swimming Coach or Instructor	Below	Below
511111	Contract Administrator	Within	Within
511112	Program or Project Administrator	Within	Above
512111	Office Manager	Within	Above
512211	Health Practice Manager	Below	Within
521111	Personal Assistant	Above	Above
521212	Legal Secretary	Below	Within
531111	General Clerk	Above	Above
532111	Data Entry Operator	Above	Above
541112	Call or Contact Centre Operator	Within	Above
542111	Receptionist (General)	Within	Above
542114	Medical Receptionist	Within	Above
551111	Accounts Clerk	Above	Above
551211	Bookkeeper	Above	Above
551311	Payroll Clerk	Above	Above
561211	Courier	Within	Within
599111	Conveyancer	Below	Below
599214	Law Clerk	Above	Above
612112	Property Manager	Within	Within
621111	Sales Assistant (General)	Below	Above

712211	Driller	Below	Below
712212	Miner	Below	Below
721214	Excavator Operator	Within	Within
721311	Forklift Driver	Above	Above
731211	Bus Driver	Below	Below
732111	Delivery Driver	Above	Above
733111	Truck Driver (General)	Within	Within
741111	Storeperson	Within	Above
811211	Commercial Cleaner	Below	Within
821711	Construction Rigger	Within	Within
821712	Scaffolder	Below	Below
393213	Dressmaker or Tailor	Above	Above
441311	Detective	Within	Within
134311	School Principal	Within	Within
212413	Print Journalist	Below	Below
225111	Advertising Specialist	Within	Above
233411	Electronics Engineer	Above	Above
261111	ICT Business Analyst	Above	Above
322211	Sheetmetal Trades Worker	Below	Below
332211	Painting Trades Worker	Below	Below
342211	Electrical Linesworker / Electrical Line Mechanic	Below	Below
422116	Teachers' Aide	Within	Within
452312	Gymnastics Coach or Instructor	Below	Below
552111	Bank Worker	Below	Above
711711	Footwear Production Machine Operator	Above	Above
711712	Hide and Skin Processing Machine Operator	Above	Above
711714	Textile Dyeing and Finishing Machine Operator	Above	Above
721916	Streetsweeper Operator	Above	Within
333311	Roof Tiler	Below	Below

Mean >>	1.474	0.771432539	2.118308449
Mean >>	1.477	0.772	2.118
SD >>	0.677	0.536	0.536

466 log(X1) Log(X2) Log(X3) avg(X1) avg(X2)
 E 0.5 SD of me logged values of variable average index over 3 years

				Average qualified per vacancy	Average suitable per vacancy
Log(X3)	log(X1)2	Log(X2)3	Log(X3)4		
Within	1.953053593	1.261663111	1.946474837	7.050183133	3.531289532
Within	1.759894262	1.017252845	2.078725722	5.811822831	2.765586822
Within	1.451798592	0.766928315	2.10307345	4.270789019	2.153142311
Within	1.628390886	0.934051707	2.048041709	5.095668606	2.544799099
Within	1.642338875	0.959544492	1.998343526	5.167240918	2.610507096
Within	2.028842538	1.230079873	2.00611428	7.605278442	3.421502812
Within	2.145503513	1.331748042	2.003768563	8.546343353	3.787658592
Within	2.038453889	1.062446714	2.14231337	7.678727847	2.89344176
Within	2.137206277	1.251904699	2.042972023	8.475725695	3.496997347
Within	0.986242926	0.604569207	2.12500538	2.681142275	1.830463488
Within	1.79892518	1.326166686	1.890599118	6.043148674	3.766577204
Within	1.993996562	1.303245034	1.960898627	7.344829247	3.681223
Within	2.004531163	1.214031893	1.995343676	7.422613086	3.367032836
Within	1.902666521	1.141470867	1.996912771	6.703746313	3.131370809
Within	1.728043655	1.141083716	1.906991733	5.62962963	3.13015873
Within	2.136581682	1.258182746	1.991085362	8.470433447	3.519020719
Within	2.060729106	1.228641912	1.973170645	7.851692443	3.416586358
Within	2.237031701	1.30068148	1.990339354	9.365490416	3.671798071
Within	1.622914174	1.048021049	1.960622872	5.067837381	2.852001559
Within	2.124467442	1.262056521	1.950722283	8.368439625	3.532679052
Within	2.32731277	1.356561564	1.97809801	10.25035942	3.882819496
Within	2.097397397	1.268156687	1.957941333	8.144944245	3.554294842
Within	2.283084892	1.345242229	1.973705532	9.806886979	3.839116373
Within	2.347546364	1.371772638	1.935804261	10.45987349	3.942332836
Within	2.011430823	1.23603941	1.973160716	7.474003678	3.441954263
Within	2.062380841	1.155940124	2.018518065	7.864672072	3.177008797
Within	2.129895575	1.244729343	2.052422923	8.413988138	3.471994954
Within	2.400368475	1.416373303	2.03350026	11.0272389	4.122143534
Within	1.876342204	1.317202358	1.918336945	6.529577265	3.732963262
Within	2.47591281	1.522654818	1.948243552	11.89255781	4.584379747
Within	2.294075534	1.338290734	2.000297336	9.915265452	3.81252132
Within	2.16477204	1.206363423	2.011773889	8.712615562	3.341311593
Within	2.158528721	1.319973051	1.993470927	8.658389374	3.743320498
Within	2.298295426	1.317330694	2.012373667	9.957195208	3.733442365
Within	2.218339566	1.313271747	2.008694367	9.192055385	3.718319232
Within	1.802487326	1.11653278	2.016445251	6.064713639	3.05424608
Within	2.163692588	1.261207661	1.999773081	8.703215788	3.529681575
Within	2.347199373	1.306065604	2.045580662	10.45624464	3.691620804
Within	2.118532615	1.054147493	1.995039049	8.318921467	2.869527818
Within	2.323478576	1.355037476	2.034880749	10.2111328	3.876906243

Within	2.212405759	1.388773597	1.98507558	9.137673013	4.009929248
Within	2.182494359	1.251576531	2.000940655	8.868399661	3.495849932
Within	1.890018632	1.111485175	2.06566338	6.619492016	3.038868295
Within	2.200823294	1.377452202	2.003770928	9.032446794	3.964787271
Within	2.24237235	1.367987396	2.02279846	9.415642014	3.927438359
Within	2.188430367	1.138329174	2.078625057	8.921199109	3.12154844
Within	2.17591429	1.326576338	1.960997337	8.810236556	3.768120506
Above	0.635463862	-0.33032676	2.588481072	1.887897662	0.718688856
Above	0.635799119	-0.330122097	2.588504095	1.8885307	0.71883596
Above	2.306291332	0.666085474	2.447884005	10.03713116	1.946602361
Above	0.635528956	-0.330287024	2.588485541	1.888020557	0.718717415
Within	2.839618642	1.305146336	2.177347335	17.10923954	3.688228776
Within	2.317378415	0.842607265	2.307181871	10.14903285	2.32241424
Within	1.937756668	0.81010602	2.226687326	6.943157679	2.248146323
Within	2.242876562	0.963777935	2.09013723	9.420390688	2.621581954
Within	2.164810704	1.132725707	2.106924465	8.712952432	3.104105863
Within	2.50334489	1.370623562	1.969302909	12.22331129	3.937805395
Within	2.076078121	1.188293278	2.061851944	7.973137838	3.281475858
Within	2.149113988	1.158947966	2.026741791	8.577255477	3.186579123
Within	2.461940607	1.499799058	2.004859567	11.72754803	4.480788601
Within	2.474898561	1.524200803	2.005534412	11.88050191	4.59147261
Within	2.005363221	0.992048632	2.153853024	7.428791699	2.696753473
Within	1.828265827	0.889747306	2.174040822	6.223085386	2.434514386
Within	2.181123554	1.07639086	2.304957145	8.856251148	2.934070946
Within	1.854222689	0.867692357	2.14632806	6.386731845	2.381409067
Within	2.254501671	1.213203093	2.052913355	9.530542777	3.364243397
Within	1.857559329	0.905646166	2.143455992	6.40807766	2.473529718
Within	1.893597299	0.960918864	2.125373076	6.64322341	2.614097369
Within	2.213924515	0.980819174	2.124575666	9.151561446	2.66663979
Within	1.840301841	0.739767582	2.184114244	6.2984391	2.095448439
Within	2.139483252	0.960558365	2.228334101	8.495046699	2.61315516
Within	2.213280327	1.166913588	2.111405736	9.145668018	3.212063573
Within	1.993519625	1.034198154	2.118399632	7.341327063	2.812849859
Within	2.149210609	1.032649858	2.160134997	8.578084264	2.808498104
Within	1.71328762	0.606729134	2.202079862	5.547168516	1.834421429
Within	1.986707425	1.051874579	2.009093415	7.291486428	2.863013035
Within	2.140119384	0.993256316	2.343919202	8.500452383	2.700012265
Within	1.811422864	0.724443437	2.264168132	6.119147954	2.063582266
Within	2.343341832	1.072139818	2.175318085	10.41598694	2.92162456
Within	2.835474014	1.44428332	2.142546293	17.03847486	4.23881318
Within	2.441918635	1.229694706	2.184826747	11.49507445	3.420185215
Within	2.539222964	1.193320362	2.278832027	12.66982224	3.298013648
Within	2.794197709	1.454693742	2.202460434	16.34950643	4.283171511
Within	2.313149125	1.065080846	2.271616163	10.10620028	2.901073514
Within	2.213460205	1.233588275	2.07289742	9.147313272	3.433527902
Within	1.850063694	0.846221374	2.17447536	6.360224616	2.330822883
Within	2.089678625	0.864682087	2.221972521	8.082317295	2.374251161
Within	2.256634249	0.958861599	2.156570776	9.550889091	2.608725007

Within	1.204964644	0.537420363	2.230748832	3.336641107	1.711585892
Within	1.384247949	0.657951052	2.123067552	3.991822722	1.930832103
Within	1.298651127	0.55299259	2.152294157	3.664350587	1.738447702
Within	1.244789841	0.46522031	2.197418444	3.472205006	1.592364964
Within	1.29051336	0.550582617	2.150362175	3.634651963	1.734263134
Within	1.322267693	0.462120722	2.242761752	3.751919939	1.58743693
Within	1.962951518	1.156688168	2.10014457	7.120311809	3.179386226
Within	1.224421788	0.56033248	2.268180727	3.402198322	1.75125466
Within	1.26244155	0.589562811	2.25558238	3.534039498	1.803199903
Within	1.076936749	0.366914502	2.291497782	2.935673059	1.443274517
Within	1.180110483	0.548350369	2.235186908	3.254733776	1.730396148
Within	0.979710699	0.244032067	2.226965928	2.663685522	1.276385259
Within	1.278018834	0.645804917	2.148252993	3.589521237	1.907521809
Within	1.406424461	0.567110169	2.257172155	4.081336308	1.763164436
Within	1.046062575	0.318205542	2.286050592	2.846421454	1.374658782
Within	1.060327905	0.338499974	2.28123672	2.887317599	1.402841713
Within	1.112856444	0.511861884	2.23290623	3.043038259	1.668394663
Within	1.177859236	0.540522134	2.217128714	3.247414809	1.716903082
Within	1.179873705	0.541547526	2.219042855	3.253963218	1.718664483
Within	1.155955432	0.427977398	2.284602406	3.177057431	1.534151406
Within	1.146542008	0.501919507	2.235836045	3.147290766	1.651889042
Within	1.163194686	0.490739533	2.252038215	3.200140406	1.633523818
Within	1.216633876	0.48245768	2.278622404	3.375805209	1.620051081
Within	1.186435013	0.548384522	2.220292482	3.27538367	1.730455246
Within	1.138911987	0.480439896	2.242747627	3.123368249	1.616785463
Within	1.20090441	0.498066515	2.271402957	3.323121029	1.645536572
Within	1.223491861	0.479476079	2.268297093	3.399035996	1.615227928
Within	1.152253265	0.505509568	2.256152834	3.165317179	1.657830083
Within	1.743035258	0.964099467	2.095277367	5.714662602	2.622425013
Within	1.248765734	0.601572278	2.190933011	3.486037602	1.824985932
Within	1.172031834	0.517142375	2.215740939	3.228545848	1.677227907
Within	1.172724383	0.489211839	2.211982011	3.230782549	1.631030198
Within	1.204634179	0.545841071	2.186950521	3.335538646	1.72605951
Within	1.174221684	0.535371675	2.224606552	3.235623625	1.708082976
Within	1.177902945	0.516266659	2.208585284	3.247556753	1.675759774
Within	1.12883037	0.472279051	2.223595655	3.092037843	1.603644819
Within	1.155580056	0.530707209	2.222850587	3.175865063	1.700134234
Within	1.239016791	0.597748204	2.193549063	3.452217545	1.818020377
Within	1.072203586	0.418024958	2.240697885	2.921810873	1.518958584
Within	1.137531185	0.517984233	2.225271297	3.119058474	1.678640489
Within	1.122253563	0.478365739	2.235477582	3.071768834	1.613435473
Within	1.222617473	0.566538699	2.195605615	3.39606522	1.762157127
Within	2.440743439	1.600719049	1.996017924	11.48157342	4.95659518
Within	2.205748401	1.326763985	2.036813298	9.077042297	3.768827649
Within	2.307255082	1.412972711	2.028334368	10.0468091	4.108149611
Within	2.395977209	1.394712912	2.063036556	10.97892152	4.033816346
Within	2.400760207	1.485248402	2.055815387	11.03155947	4.416062235
Within	2.213139316	1.338179325	2.029802099	9.144378472	3.812096596

Within	2.170027618	1.295030765	2.067709327	8.758525931	3.651108299
Within	2.216871093	1.340012406	2.041088258	9.17856701	3.819090886
Within	2.375704162	1.288698158	2.010354999	10.75858631	3.62806032
Within	1.833628831	1.037078676	2.058897351	6.256549472	2.820964016
Within	1.320234909	0.62466523	2.183923983	3.744300844	1.86762063
Within	1.24651998	0.618761166	2.092380723	3.478217604	1.856626565
Within	1.337967301	0.661482509	2.120135794	3.811288426	1.937662809
Within	1.40129874	0.767282664	2.088726183	4.060470038	2.15390541
Within	1.390715333	0.655737391	2.163064739	4.017723034	1.926562623
Within	2.099882361	1.188412476	2.063699723	8.165209312	3.281867026
Within	0.640075705	0.337548192	2.11082239	1.896624459	1.401507148
Within	1.232657901	0.781558685	2.080601455	3.43033492	2.184875145
Within	0.554558588	0.292175736	1.988635094	1.74117224	1.339338367
Within	1.520447612	0.899601373	2.047364318	4.574272234	2.458622841
Within	1.17255084	0.547492482	2.223123389	3.230221919	1.7289123
Within	1.196608626	0.549697184	2.24121508	3.308876235	1.73272824
Within	2.43317732	1.729445625	1.962270455	11.39503028	5.637527735
Within	1.225065806	0.610544658	2.212545715	3.404390106	1.841434078
Within	1.212389374	0.566073577	2.229592172	3.36150696	1.761337699
Within	2.215804828	1.192002415	2.018665531	9.168785434	3.293669903
Within	2.063433262	0.956005191	2.156222968	7.872953375	2.601284057
Within	2.446962483	1.323913446	2.034650351	11.55320032	3.758099759
Within	2.072195973	0.999898485	2.115382438	7.942244937	2.718005896
Within	1.749654569	0.83545049	2.183313592	5.752615199	2.305852578
Within	1.905439956	0.990935162	2.147535332	6.722364524	2.693752389
Within	1.993209842	1.018218811	2.209885968	7.339053194	2.768259576
Within	1.938362193	1.004254122	2.167161505	6.947363206	2.729870364
Within	2.126128134	1.220163656	2.134503395	8.382348568	3.387742113
Within	2.297223561	1.518710746	2.036439974	9.946528157	4.566334232
Within	1.352805219	0.354017179	2.36036399	3.868261647	1.424779663
Within	1.425983843	0.404482141	2.326662519	4.161950536	1.498526274
Within	1.38073072	0.382016189	2.327191718	3.977807228	1.465235806
Within	1.208457546	0.293978036	2.2914431	3.348316045	1.341754433
Within	1.699685155	0.723801667	2.289572248	5.472224216	2.062258345
Above	1.175701871	0.131407142	2.536021906	3.240416501	1.140432005
Within	0.89853161	0.202203894	2.288940633	2.455994105	1.224097568
Within	1.537107264	0.438743314	2.329579285	4.651116339	1.550757179
Within	1.65466241	0.651875257	2.291088993	5.231313582	1.919136331
Within	0.795755418	0.160659958	2.339443774	2.216114456	1.174285595
Within	1.389658991	0.354325692	2.338887325	4.013481185	1.425219293
Within	1.222425067	0.267970956	2.308426392	3.395411857	1.30730917
Within	1.439019239	0.492362929	2.270273324	4.216558353	1.636177828
Within	0.875833336	0.072205708	2.272463933	2.400875197	1.074876432
Within	1.230812378	0.308352303	2.284999054	3.424009996	1.361180452
Within	0.960988458	0.179502894	2.269097091	2.614279301	1.196622367
Above	0.767032242	0.128245009	2.391778138	2.153366093	1.136831503
Within	1.407753876	0.430091777	2.265725614	4.086765703	1.537398615
Within	1.419120878	0.462350902	2.256809431	4.133485004	1.587802368

Within	0.963370634	0.263818407	2.25456923	2.620514398	1.30189176
Within	1.773582566	0.801124719	2.248141199	5.891923802	2.228045445
Within	1.470029606	0.486849455	2.275177557	4.349363905	1.627181627
Within	1.97931287	1.153921356	2.169762561	7.237767988	3.170601623
Within	0.964217242	0.472632021	2.225486313	2.622733887	1.604210959
Within	1.824340553	0.941232324	2.176360477	6.198705953	2.56313809
Within	2.045753366	1.265812466	2.122893327	7.734983616	3.545972547
Within	1.441241057	0.474451718	2.263503837	4.225937193	1.607132794
Within	1.582324818	0.614132718	2.279445747	4.866255831	1.848053121
Within	2.062432058	1.118799692	2.165144671	7.865074888	3.06117764
Within	0.390255865	0.091464862	2.339488306	1.47735875	1.095778272
Within	0.91633184	0.452980876	2.147871302	2.500102771	1.572994104
Within	1.515605158	0.622900601	2.206219145	4.552175081	1.864327878
Within	0.581009548	0.032002731	2.327404253	1.787842433	1.032520325
Within	0.826900447	0.071538386	2.371316592	2.286221483	1.074159383
Within	0.659273907	0.012217696	2.290361859	1.933388004	1.012292637
Within	0.697328093	0.218478539	2.265388063	2.00837933	1.244182315
Within	1.426166954	0.452024839	2.277569716	4.162712702	1.571490983
Within	0.933215074	0.713125085	2.001271436	2.542670926	2.040357596
Within	2.112121426	1.596577265	1.861582727	8.265757894	4.936108486
Within	0.932493525	0.468628187	2.380247151	2.540836925	1.597800805
Within	1.627710747	1.052113463	1.924775774	5.092204022	2.863697045
Within	1.420496727	0.407041933	2.318575473	4.139175971	1.502367103
Within	0.996814412	0.519839988	2.316758466	2.709636281	1.681758527
Within	0.698662706	0.711972566	1.948585298	2.011061528	2.038007399
Within	1.851606707	1.015367264	2.0691576	6.370046103	2.760376997
Within	1.525447677	0.485270747	2.322015074	4.597201172	1.624614809
Within	1.845437289	1.226458647	1.909139116	6.330867602	3.409135184
Within	1.673122715	0.569705121	2.276040404	5.328782112	1.767745704
Within	1.254916459	0.581848065	2.207702592	3.507545337	1.789342198
Within	1.25135271	0.598496153	2.213918145	3.495067575	1.819380673
Within	1.25295177	0.593183055	2.129118041	3.500660868	1.809739759
Within	1.135276897	0.545652334	2.047687455	3.112035138	1.72573377
Within	1.226522325	0.537865803	2.089337372	3.409352277	1.712348471
Within	1.187052801	0.560563911	2.13611906	3.277407786	1.751660002
Within	1.295218554	0.631330395	2.173341787	3.651794001	1.880110205
Within	1.572603273	0.813005322	2.046509855	4.819177515	2.254673835
Within	1.477201969	0.785246368	2.079122232	4.380671262	2.192947145
Within	1.233263979	0.601846113	2.12939674	3.432414602	1.825485744
Within	1.192959269	0.561098674	2.05102877	3.296822972	1.752596976
Within	1.268119337	0.621322919	2.079841083	3.554162092	1.86138888
Within	1.230338522	0.581330041	2.179324241	3.422387895	1.788415516
Below	1.464362118	1.235330579	1.829869839	4.324783657	3.439515365
Within	1.278267204	0.644241757	2.124582522	3.590412878	1.904542376
Within	1.200170927	0.648848203	2.094337536	3.320684469	1.913335785
Within	1.351448695	0.706586075	1.911382738	3.863017814	2.027059204
Within	1.358028224	0.792541656	1.984992631	3.888518451	2.209003826
Within	0.956286551	0.589851327	1.969218583	2.602016057	1.803720231

Within	2.033989685	1.189540108	2.064395024	7.644524842	3.285569853
Above	-0.632610347	-0.938115141	2.556365614	0.531203365	0.391364808
Within	0.217978296	-0.040468094	2.343345683	1.243560077	0.960339804
Within	0.586959339	0.59958985	1.925194407	1.79851143	1.821371611
Within	0.212094836	-0.045478793	2.296664712	1.236265122	0.955539866
Within	1.536042969	0.936844265	2.286818295	4.646168812	2.551915529
Within	1.894313651	1.406423208	1.887471911	6.647984004	4.081331194
Within	2.287395564	1.564443435	1.95426669	9.849252504	4.780013808
Within	1.966913115	1.285192581	1.964000592	7.148575562	3.615364141
Within	1.544121452	1.187132248	1.995532189	4.683854826	3.277668177
Below	1.521733679	1.307687571	1.820118678	4.580158841	3.697613351
Within	2.066757026	1.362499273	1.949781363	7.899164748	3.90594313
Within	1.866927725	1.273232465	1.948629767	6.468393159	3.572381517
Below	2.185064445	1.572213347	1.816410562	8.891221531	4.817298758
Below	1.669293825	1.068723176	1.7563637	5.308417799	2.911659449
Below	1.663923831	1.391159553	1.714968297	5.279988032	4.019508186
Within	1.989622037	1.2761677	1.926205623	7.312769286	3.582882701
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Within	1.952711661	1.283917438	1.971666259	7.04777286	3.610756973
Within	2.062216934	1.302612951	1.970670263	7.863383099	3.678896895
Within	2.062566197	1.306492107	1.981347053	7.866129968	3.693195627
Within	1.960988967	1.293407915	1.932562683	7.106351539	3.645187905
Within	1.766579983	1.300719805	1.875274046	5.85080924	3.671938797
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Within	2.036814139	1.226520756	1.935254862	7.666146971	3.409346928
Within	1.607676763	0.973193022	1.917259807	4.991202003	2.646380937
Within	2.187054334	1.537342653	1.869721983	8.908931686	4.652211292
Within	1.152325512	1.029690119	2.034657207	3.165545871	2.800197971
Within	1.195014771	0.586614888	2.194413472	3.303606567	1.797892037
Within	2.006185298	1.230019973	2.013873381	7.434901248	3.421297868
Within	1.862376932	0.994656579	2.020815464	6.439023717	2.703795643
Within	1.75715643	1.141469637	2.006837795	5.795932799	3.131366959
Within	1.597244382	1.13058568	2.002509159	4.939402549	3.097470096
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Within	1.748091667	1.218443952	1.975973124	5.743631449	3.381921205
Within	0.632458438	0.131554052	2.274675297	1.882232247	1.140599558
Within	1.058349901	0.303414668	2.261416258	2.881612118	1.354476006
Within	0.649444513	0.395171222	2.129725144	1.914477066	1.484638372
Within	1.27705624	0.366053068	2.254655567	3.586067651	1.442031766
Within	0.836424194	0.476519838	2.180570548	2.30809889	1.610459976
Above	0.682729082	0.119960038	2.457130618	1.979271963	1.127451796
Above	0.680095859	0.125845392	2.447911644	1.974066956	1.134106813
Within	0.696106741	0.439279223	2.179398325	2.005927889	1.551588466
Within	0.69391187	0.524699789	2.143492078	2.001529964	1.68995143
Above	0.534850745	-0.367557188	2.506185499	1.707193417	0.692423728
Within	1.269748449	0.618988584	2.228946269	3.559956938	1.857048844
Within	0.909622871	0.355385808	2.161408929	2.483385799	1.426730992

Within	1.428996008	0.48314134	2.260159685	4.174505918	1.621159024
Within	1.581293941	0.878670437	2.069042716	4.861241905	2.407696392
Within	1.374833639	0.36917224	2.272027153	3.954418808	1.446536733
Within	0.39445532	0.161728924	2.384119547	1.483575897	1.175541537
Within	0.730951827	0.115265036	2.326403397	2.077056666	1.122170814
Within	1.545873063	0.873632314	2.029145508	4.692066308	2.395596628
Within	0.638369804	0.436636296	2.169446467	1.893391762	1.547493145
Within	1.284931242	0.381045288	2.245411225	3.61441943	1.463813897
Within	1.308776997	0.460844804	2.22879185	3.701643823	1.585412782
Within	1.153869209	0.445600337	2.179990349	3.17043629	1.561427297
Within	1.331400733	0.406517344	2.22223022	3.78634333	1.501579184
Within	1.373445413	0.496759134	2.210002443	3.948932989	1.643386634
Within	1.17211323	0.415250292	2.255697185	3.228808648	1.514749823
Within	1.424390982	0.484574408	2.195401157	4.155326405	1.62348392
Within	0.813679863	0.096994532	2.27040367	2.256195219	1.101854348
Within	1.284534655	0.379171409	2.201705868	3.612986281	1.461073455
Within	1.785095355	0.835747678	2.157813868	5.960148248	2.306537952
Within	-0.545111102	-0.126400767	2.312535424	0.579777365	0.881261596
Within	1.178754109	0.379998223	2.328143024	3.250322133	1.462281991
Within	1.889680559	1.142380408	1.924219084	6.617254523	3.134220217
Within	1.349138554	0.604939048	2.192959202	3.854103999	1.831140594
Within	1.625934399	0.789589357	2.188248082	5.083166524	2.202491804
Within	0.410706147	0.557679802	2.109431179	1.507882195	1.746615302
Within	1.127965853	0.502808812	1.910124471	3.08936588	1.653358728
Within	1.336910777	1.079373349	1.876447147	3.807263832	2.942834844
Within	0.638545754	0.775817476	1.967962213	1.893724933	2.172367261
Within	0.5856541	0.373782865	2.275803187	1.796165473	1.453221571
Within	0.638675407	0.774655561	1.968522095	1.893970478	2.169844619
Within	0.409847348	0.559295882	2.112063929	1.506587784	1.749440254
Within	1.350753267	0.457732262	2.233977129	3.860332299	1.580485791
Within	0.860274194	0.321817651	2.218351469	2.363808748	1.379633179
Within	0.984655389	0.324059026	2.193341826	2.676889239	1.382728922
Within	1.071035624	0.416995766	2.192594454	2.918400302	1.517396088
Within	0.702214303	0.183061623	2.258501954	2.018216706	1.200888408
Within	1.412088847	0.47988553	2.227582736	4.104520172	1.615889421
Within	1.212349967	0.268472486	2.292141278	3.361374499	1.307964989
Within	1.243932949	0.285219601	2.255923568	3.469230976	1.330054078
Within	0.59958696	0.123565743	2.053158326	1.821366347	1.131524392
Within	1.221589051	0.460692814	2.151297542	3.392574426	1.585171833
Within	0.550848653	0.225596509	2.163250755	1.734724573	1.253069961
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Within	1.37834229	0.662221659	2.124161734	3.968317853	1.939095562
Within	1.136522712	0.383525259	2.250028647	3.115914573	1.467448618
Within	1.034891075	0.351363073	2.211603029	2.814799618	1.421003161
Within	0.747608214	0.267587625	2.123360776	2.111942655	1.306808134
Within	0.747608214	0.267587625	2.123360776	2.111942655	1.306808134
Within	0.747608214	0.267587625	2.123360776	2.111942655	1.306808134
Within	0.747608214	0.267587625	2.123360776	2.111942655	1.306808134

Above	0.254085798	-0.42941653	2.430605489	1.289282417	0.650888758
Within	2.123351397	1.203799697	2.072332159	8.359105279	3.332756359
Within	2.01192211	1.094939573	2.090682906	7.477676458	2.989002062
Above	0.468122849	-0.118315885	2.473283381	1.596993579	0.888415372
Within	0.666171499	0.015697158	2.287638464	1.946769825	1.015821005
Within	0.941585691	0.15679736	2.306321236	2.564043978	1.16975855
Within	1.099348563	0.327322126	2.246809204	3.002209637	1.387248275
Within	1.484509813	0.716152508	2.15528579	4.412801783	2.046543981
Within	0.670899316	0.509200585	2.127154204	1.955995588	1.663960468
Within	1.130684611	0.519639205	2.22428733	3.097776546	1.681420893
Within	0.474460194	0.245081893	2.335300859	1.607146416	1.277725946
Within	1.630605151	0.605812756	2.25634393	5.106964266	1.832741176
Within	0.629772465	0.833065953	1.916815972	1.877183406	2.300360737
Within	0.960998662	0.246289661	2.303408487	2.614305977	1.279270074
Above	-0.068792079	-0.347213585	2.454523613	0.933520759	0.706654382
Within	1.38553722	0.668391978	2.119868582	3.996972582	1.951097389
Above	0.364981758	-0.305996148	2.514554431	1.44048773	0.736389456
Above	0.378027873	-0.280733462	2.564075155	1.45940362	0.755229606
Within	1.054463184	0.599020807	2.084446803	2.870433846	1.820335467
Within	0.67386888	0.516028674	2.099791137	1.961812675	1.675361017
Above	-1.945910149	-2.351375257	3.044522438	0.142857143	0.095238095
Within	1.664602117	0.71871551	2.219975627	5.283570588	2.051796007
Within	1.169061694	1.02412653	1.855693513	3.218970841	2.784662081
Within	1.011820145	0.261749625	2.194301914	2.750602959	1.299201215
Within	1.002915687	0.72033697	1.939952186	2.726219053	2.05512561
Within	3.217237632	2.017820644	1.995048299	24.95907871	7.521914132
Within	1.787499396	1.130821501	2.029330337	5.974493927	3.09820063
Below	2.126457224	1.294921249	1.846021255	8.385107571	3.650708465
Within	1.965279677	1.369159986	1.854808787	7.136908337	3.932046332
Within	3.354518663	1.913479838	1.87747082	28.63181933	6.776629386
Within	2.289204982	1.33040149	1.935967606	9.867090044	3.782561743
Within	2.085998942	1.044545067	2.072661855	8.052631579	2.842105263
Within	1.98547661	1.10820098	2.088858453	7.282517483	3.028904429
Within	2.355062682	1.30776391	2.139864334	10.53878943	3.697895634
Within	1.991568237	1.147021981	1.993918123	7.327015251	3.148801743
Within	1.486821214	0.96824343	2.102839895	4.423013335	2.633314792
Within	2.029258816	1.440185878	1.931265455	7.608445014	4.221480423
Within	2.235626906	1.309180788	2.031578146	9.352343059	3.703138815
Within	1.292912641	0.610875452	1.978927901	3.643382982	1.842043315
Below	2.688446296	1.635663327	1.842110387	14.70880503	5.132861635
Within	2.169105179	1.142262446	2.115423035	8.75045045	3.133850517
Within	1.11177016	0.948801893	2.007124811	3.039734451	2.582613557
Within	1.328552067	1.061018101	1.864450822	3.775572653	2.889311102
Within	1.252618658	0.732149338	2.057890634	3.499494949	2.079545455
Below	0.501941596	0.93310713	1.804849697	1.651925531	2.542396474
Below	1.430552834	1.040533026	1.662535134	4.181009957	2.830725462
Below	1.577996387	1.452784102	1.827010419	4.845238095	4.275
Within	1.527027182	1.217374577	1.993597822	4.604468212	3.378306595

Within	1.638391576	1.391279159	1.85752765	5.146884478	4.019988972
Within	2.042026505	1.228642004	2.022245343	7.706210058	3.416586674
Within	1.993511038	1.255489776	1.935511643	7.34126402	3.509556849
Within	0.942203601	0.451596548	2.140655336	2.565628816	1.570818071
Within	1.955818444	1.082485034	2.119664942	7.069702809	2.952006279
Within	2.056203676	1.257755132	1.934213955	7.816240433	3.517516259
Within	1.166244311	0.853604463	1.996471101	3.20991453	2.348095238
Within	1.62033809	0.961203814	2.028131018	5.054799007	2.614842364
Within	1.707303663	1.110501329	1.952793664	5.514073616	3.035879988
Within	1.947631847	1.10351991	2.086889591	7.012062266	3.014759052
Within	1.727145359	0.971297361	1.974793023	5.62457483	2.641369048
Within	2.355976945	1.26441074	1.981885121	10.54842906	3.541005549
Below	2.296917089	1.721053647	1.677726749	9.943480285	5.590415689
Within	1.314996695	1.272857269	2.05828681	3.724738676	3.571041425
Within	2.255852132	1.484680093	1.92741163	9.543422099	4.413553259
Within	2.455173348	1.209277857	1.954799096	11.64845261	3.35106383
Within	0.803689055	0.749490233	2.133978577	2.233766234	2.115921116
Within	1.941821589	1.374568132	2.049257565	6.971438508	3.95336902
Within	2.369940958	1.064403215	2.10801128	10.69676071	2.899108325
Above	0.828673982	-0.06773017	2.601134928	2.290279775	0.934512599
Below	2.846281162	1.63316939	1.761258633	17.22361078	5.120076552
Within	2.513621459	1.169437394	1.911489887	12.34957265	3.220180437
Within	1.609413396	0.599248554	2.333838503	4.999877417	1.820750091
Within	2.753525689	1.133406368	2.231626879	15.69788027	3.106219427
Within	3.1125818	1.178367056	2.261858011	22.47900585	3.249064327
Within	2.435530112	1.27600352	2.254018072	11.42187198	3.582294511
Within	1.899008057	0.511964461	2.268542377	6.679265707	1.66856581
Above	2.106635966	0.345121978	2.459329808	8.220540541	1.412162162
Within	2.63512213	1.212973515	1.981587044	13.94501546	3.363471128
Within	2.142498566	1.102576736	2.160325687	8.520700587	3.011916948
Within	2.079800535	0.778830864	2.301441825	8.002872465	2.178923318
Within	2.057405477	0.840932271	2.260286857	7.825639649	2.318527465
Within	2.749589546	1.530115281	2.03484492	15.63621262	4.618709241
Above	0.5876431	-0.010970087	2.414888663	1.799741602	0.989089865
Within	0.926900911	0.268086567	2.376993645	2.526666667	1.307460317
Within	1.390333622	0.742548516	1.975623046	4.016189717	2.101283852
Within	1.360707522	0.352703868	2.07176354	3.898950919	1.422909712
Within	0.814521253	0.067295471	2.162205759	2.258094357	1.069611471
Within	1.20059802	0.530251773	2.305045485	3.322103013	1.699360107
Within	0.640434682	0.068751807	2.383954221	1.897305425	1.071170319
Within	1.51371673	0.784856743	2.283696238	4.543586738	2.192092886
Within	2.098355598	1.212136115	2.012417973	8.152752479	3.360655738
Within	1.016134965	0.369116606	2.263327482	2.762496957	1.446456259
Within	1.124212543	0.340149167	2.160072122	3.077792264	1.405157178
Above	0.550046337	-0.048232524	2.444546532	1.733333333	0.952912186
Within	0.9578236	0.236244538	2.217051537	2.606018557	1.266483976
Within	0.840909459	0.16800785	2.359595348	2.318474576	1.182945897
Above	0.176138259	-0.548144657	2.545933812	1.192602936	0.578021244

Above	0.428215575	0.048363339	2.716698761	1.534516848	1.049551929
Above	0.051404808	-0.359271152	2.48708943	1.052748968	0.698185012
Above	0.021203566	-0.499441471	2.387827853	1.021429959	0.606869519
Within	1.208176025	0.55804248	2.174064794	3.347373557	1.747248875
Within	1.500363947	0.703505191	2.133330594	4.483320463	2.020823681
Within	2.790323162	1.478657312	2.039753799	16.28628205	4.387051282
Within	2.342195279	1.641663815	2.004356801	10.40405131	5.1637539
Below	2.343189942	1.604342988	1.834314297	10.41440498	4.974590164
Within	2.331593252	1.498897631	2.005708021	10.29432994	4.476751319
Within	2.535746716	1.620328067	2.033817522	12.62585526	5.054748341
Within	2.166107999	1.208204202	2.157438048	8.724263039	3.347467876
Within	2.204960089	1.446922033	1.970993209	9.069889573	4.250012962
Within	1.629635274	0.862877758	2.133083203	5.102013542	2.369971094
Within	1.035441484	0.409187866	2.239295755	2.816349336	1.505594544
Within	1.579434628	0.813497751	2.211887276	4.852211729	2.255784377
Within	1.555960733	0.862310879	1.99827539	4.739637863	2.368627987
Within	1.000455385	0.708964552	1.939164761	2.719519975	2.031886257
Within	1.553139608	0.878701464	1.940507842	4.726285598	2.407771097
Within	2.624654047	1.295564747	1.980491422	13.79979928	3.653058447
Within	1.792185092	1.045637134	1.893163717	6.002554278	2.845210728
Above	0.841482134	0.167361408	2.433099323	2.31980269	1.182181437
Within	2.099490601	1.35225819	2.142547204	8.162011133	3.866146172
Within	1.708137216	0.528021484	2.197597479	5.518671804	1.695574267
Within	1.77198345	0.780747615	2.097691717	5.882509461	2.183103776
Within	1.216395324	0.729961154	2.280467288	3.375	2.075
Within	1.606564937	1.019605832	2.036138433	4.985655738	2.772101874
Within	1.060688929	0.458020212	2.362811437	2.888360179	1.580940956
Below	3.01646546	2.256496058	1.772597852	20.41899225	9.549569337
Above	0.427714974	-0.199803983	2.525670962	1.53374886	0.818891254
Above	0.450620633	-0.478017652	2.492062083	1.569285834	0.620011252
Above	0.611976975	-0.147001475	2.454652087	1.844073485	0.863292704
Above	1.174206108	0.067261069	2.611391926	3.235573227	1.069574675
Within	1.381817371	0.416112838	2.35604329	3.982132066	1.516056929
Above	0.694387399	-0.073524114	2.512174557	2.002481975	0.929113741
Above	-0.265649027	-0.692037191	2.635637318	0.766708174	0.500555303
Above	0.687576136	0.073673259	2.399648842	1.988888889	1.076455026
Above	-0.436537082	-0.589889431	2.646220165	0.646270532	0.554388579
Within	1.161660594	0.300527903	2.299006937	3.195234861	1.35057159
Above	0.141374689	-0.314321226	2.482469821	1.151856155	0.730284404
Above	0.367897864	-0.125424095	2.504702084	1.444694476	0.88212272
Within	0.322787069	-0.124481784	2.334702647	1.380971267	0.882954345
Within	0.752782108	0.041577534	2.35336389	2.122897939	1.042453984
Within	1.079914225	0.320652465	2.2826043	2.944426981	1.378026585
Above	0.663573727	0.103918379	2.500827712	1.941719125	1.109509892
Within	0.785113306	0.395969733	2.349669209	2.192655367	1.485824345
Within	0.939635524	0.415974355	2.351117802	2.559048537	1.515846995
Within	1.308755231	0.347262095	2.144094946	3.701563252	1.41518759
Within	0.747608214	0.267587625	2.123360776	2.111942655	1.306808134

Within	1.741937638	0.879804056	1.97579766	5.708393511	2.41042735
Within	1.301914167	0.870812444	1.967092768	3.67632704	2.388850873
Within	1.03262116	0.842068793	1.929742132	2.808417508	2.321164021
Within	0.477984361	0.227610229	2.349022451	1.612820261	1.255595835
Within	0.688005781	0.518673536	1.990752283	1.98974359	1.67979798
Above	0.761241469	-0.057858161	2.433117126	2.140932474	0.943783803
Above	0.425664627	-0.096402758	2.415722979	1.530607365	0.908098199
Within	0.64711696	0.666543074	1.929575507	1.910026201	1.947493331
Within	0.781401036	0.670362509	2.091825854	2.184530729	1.954945878
Within	0.9269872	0.565301211	2.167567351	2.526884701	1.759977827
Within	1.318965846	0.466290616	2.130939656	3.739552104	1.594070194
Within	1.94341189	1.08931963	1.988927178	6.982534014	2.972251153
Within	1.83512877	1.342626218	1.936801924	6.265940957	3.829086326
Within	1.462614471	0.707323052	1.992623286	4.317232066	2.028553651
Within	0.938754646	0.315155493	2.00517561	2.556795319	1.370472393
Within	0.890184357	0.443387899	1.95800601	2.435578625	1.557976555
Within	1.350889999	0.430880886	1.955807418	3.860860164	1.538612269
Below	1.055631828	0.8203836	1.824633294	2.873790323	2.271370968
Within	1.14139576	0.981380141	1.907955274	3.13113563	2.668136106
Within	0.810409003	0.3095878	1.8911052	2.248827577	1.362863225
Within	1.10883698	0.421028164	2.060298052	3.030831427	1.523527186
Below	1.934045526	1.446319058	1.713248866	6.917438387	4.247451086
Below	0.302043855	1.278589247	1.773675794	1.352620545	3.591569332
Within	1.408840474	1.235112915	1.972029443	4.091208791	3.438766789
Below	0.49656129	1.047545371	1.728885438	1.643061534	2.850645247
Within	1.346165547	0.701285101	1.971946593	3.842662736	2.016342248
Within	1.12725657	0.349979288	2.151779751	3.087175423	1.419038157
Within	0.753528759	0.461956749	2.124904352	2.124483596	1.587176655
Within	0.132845039	-0.106426898	2.101630911	1.142073008	0.899040767
Within	1.511988694	0.762131419	2.019814019	4.535742036	2.142838643
Within	1.684367554	1.375021583	1.979502761	5.389041579	3.955162086
Below	1.5343835	1.486897337	1.789267091	4.638465035	4.423350042
Below	1.068703621	0.731890029	1.782626986	2.911602512	2.079006279
Below	1.839435344	1.686148544	1.640886453	6.292983886	5.398647958
Below	1.053882086	0.99954415	1.801176681	2.868766326	2.717042983
Below	1.819730546	1.704676718	1.708787863	6.170195644	5.499607455
Below	2.436800983	2.58375039	1.470175845	11.43639694	13.2467255
Below	1.266781861	1.376909516	1.633246433	3.549411663	3.962636218
Below	1.663036498	1.542505293	1.578548873	5.275305	4.67629109
Below	1.798702554	1.611129418	1.549639347	6.041803462	5.008464687
Below	2.35329141	1.717731622	1.736830439	10.52013889	5.571875
Within	2.368081498	1.17366344	1.914422793	10.67688899	3.233817863
Below	1.908721311	1.686407162	1.697779423	6.74445922	5.400044326
Below	1.495388171	0.952974075	1.777929186	4.461067876	2.5934112
Within	0.905940367	0.422067718	2.085476474	2.474257539	1.525111799
Below	2.841147472	2.313978277	1.673898887	17.13541667	10.11458333
Below	1.320665581	0.713680457	1.818947821	3.745913758	2.041491068
Below	0.924970063	1.567707474	1.718672988	2.521792763	4.795641447

Within	0.690343985	0.101868746	2.272594193	1.99440146	1.107238132
Within	0.700076396	0.262284892	1.885347529	2.013906556	1.29989682
Within	1.757606028	0.853036563	2.109116603	5.798539222	2.346762135
Below	2.353838741	1.447574316	1.700177061	10.52589847	4.252786079
Below	0.281845137	-0.078108379	1.844674773	1.325573422	0.924864185
Below	2.474624694	1.449872992	1.659820588	11.87724868	4.262573099
Within	1.497929402	0.687710764	2.10959458	4.472418895	1.989156667
Below	1.760874556	1.339262996	1.803938071	5.81752292	3.816229891
Within	0.629772465	0.833065953	1.916815972	1.877183406	2.300360737
Within	1.289049472	0.596322197	2.014742606	3.629335132	1.815429714
Within	0.077962193	-0.281879838	2.263298592	1.081081786	0.754364325
Within	2.254211509	1.372308119	2.029609168	9.527777778	3.944444444
Below	1.601069663	0.916290732	1.832581464	4.958333333	2.5
Within	1.581838301	0.905117431	1.946849557	4.863888889	2.472222222
Within	0.660711905	0.244196961	2.284780468	1.936170213	1.276595745
Within	1.739934401	1.078203417	2.315405781	5.696969697	2.939393939
Within	2.918500926	1.470486452	2.256065077	18.51351351	4.351351351
Within	2.535002361	1.410320265	1.90261954	12.61646064	4.097267404
Above	0.449014304	-0.199673375	2.407780822	1.566767068	0.818998215
Within	0.810263206	0.230319055	2.20414502	2.248499727	1.259001637
Within	0.131576358	-0.207639365	2.360854001	1.140625	0.8125
Below	1.18727041	0.811546532	1.619019589	3.278121059	2.251387137
Within	-0.012121361	-0.128381167	2.386095726	0.987951807	0.879518072
Below	0.850332764	1.225026214	1.658228077	2.340425532	3.404255319
Below	2.251291799	1.871802177	1.704748092	9.5	6.5
Below	2.251291799	1.871802177	1.704748092	9.5	6.5
Below	2.251291799	1.871802177	1.704748092	9.5	6.5
Below	2.890371758	0.916290732	1.609437912	18	2.5
Within	0.497838428	-0.084083117	2.200306244	1.64516129	0.919354839

Min em size 100

Avg(X3) X1_2024 X2_2024 X3_2024

Average vacancy duration week	Emp. Size (2021)	qualified_per_vac ancy_2024	suitable_per_va cancy_2024	vacancy_durati on_week_2024	suitability_gap_ 2024
7.003953932	2079	8.298667642	3.920195888	7.045619984	0.527611412
7.99427549	3596	6.574527128	2.941184676	8.168057755	0.552639358
8.191306839	2401	4.575859361	2.146309529	8.580812985	0.530949411
7.752704178	266	5.727279682	2.705651008	7.764006262	0.527585318
7.376826454	1408	6.046474625	2.820217476	7.343419198	0.533576563
7.434373257	5233	8.914863402	3.80786257	7.484217023	0.57286361
7.416954755	7328	10.3242348	4.260859925	7.387565206	0.587295329
8.519122734	2827	8.922590029	2.817049778	8.861246534	0.684278918
7.713499863	2803	9.848047674	3.758248091	7.645891898	0.61837633
8.372942537	5666	1.602798883	1.5293301	9.11386052	0.045837805
6.623335654	3035	6.490962457	3.980611146	6.743968053	0.386745622
7.105709577	3848	8.4486071	3.995326237	7.011116496	0.527102374
7.354730238	3361	8.671394824	3.73189779	7.384899097	0.569631199
7.366279568	11300	8.038010142	3.544325116	7.196219505	0.559054411
6.732804233	1508	5	2.857142857	7.142857143	0.428571429
7.323478076	362	10.70083342	3.92116766	7.307844543	0.633564274
7.19344824	7801	10.20859878	3.916899457	7.408914383	0.616313704
7.318016742	1553	14.07515549	4.366074517	6.997469654	0.689802751
7.103750413	3704	5.083580422	2.591899848	6.624389583	0.490142846
7.033766118	1139	11.13331981	4.144837487	7.423357216	0.627708756
7.228980449	222	14.20574327	4.629644063	6.888248776	0.67410054
7.084726949	2390	10.50336717	4.143093112	7.273246358	0.605546198
7.197296947	544	12.73753621	4.38010907	7.179895317	0.656125879
6.929615035	3308	13.70362205	4.442929132	7.11422489	0.675784321
7.193376813	1269	10.5260281	4.089975231	7.308241986	0.611441734
7.527161896	305	9.770388379	3.686472189	7.355348023	0.622689289
7.786744954	476	10.315609	3.863117792	7.780941148	0.62550754
7.640784339	1935	14.61182782	4.653539806	7.638989797	0.681522403
6.80962427	2983	8.537080728	4.421409086	6.666286902	0.48209356
7.016352893	139058	11.27119775	4.227130384	7.158839935	0.624961741
7.391253461	6401	11.80267086	4.227940735	7.359484077	0.641781019
7.476568191	12492	10.25125075	3.572044128	7.316955927	0.651550409
7.340969561	4691	10.13180324	4.125635109	7.389304153	0.592803471
7.48105382	12485	12.00226291	4.168304364	7.502280144	0.652706794
7.453579356	5971	11.1249845	4.092947027	7.531331092	0.632094137
7.51157565	2260	6.889563084	3.155769033	7.613779963	0.541949323
7.387379573	9936	9.933480906	3.774363089	7.435872355	0.620036206
7.733647872	2368	12.88775588	4.107385784	7.763839422	0.681295501
7.352490131	639	15.08069011	4.502229194	6.704836835	0.70145735
7.651339639	3521	13.41336738	4.386307829	7.88842846	0.672989809

7.279597554	1002	11.88975014	4.730290525	7.001703865	0.602153917
7.396009925	1337	12.26513649	4.151947526	7.458175929	0.661483789
7.89053058	1967	7.743471948	3.210448643	8.043189275	0.585399332
7.416972301	2064	11.1695523	4.531487209	7.378717368	0.594300014
7.559450181	3808	12.40838271	4.46569694	7.518249683	0.640106447
7.993470787	5174	11.97002138	3.602229853	8.144335696	0.699062371
7.106411016	2947	11.94075833	4.47558447	6.894015062	0.625184235
13.30954001	8197	2.996169572	0.741632546	16.04721973	0.752473107
13.30984643	1589	2.997446489	0.74186548	16.04922094	0.752500843
11.56385177	966	8.901001876	1.548816005	13.43242762	0.825995318
13.30959949	1127	2.996417465	0.741677767	16.04760816	0.752478493
8.822871065	3652	16.49561852	3.339058453	9.114493451	0.797579069
10.04607359	554	11.51445242	2.40957901	10.53081352	0.790734381
9.269109628	3797	8.141106729	2.469737414	9.358789301	0.696633701
8.086024736	323	15.18058909	3.705740468	7.30569685	0.755889548
8.222912496	3557	10.74827356	3.608025412	8.086674793	0.664315818
7.165679618	3662	17.0183512	4.752500184	7.249157983	0.720742619
7.860513572	5009	10.06173115	3.733940207	7.854843834	0.628896842
7.589318448	3376	11.22444286	3.857535791	7.47737291	0.656327192
7.425051099	4626	14.92438061	4.981394942	7.379585789	0.666224343
7.43006355	5331	15.46078356	5.346027081	7.344613705	0.654220172
8.617999868	3114	8.897125632	2.94825181	8.720981294	0.668628731
8.793746307	675	7.843000531	2.790363202	9.090173113	0.64422249
10.02374868	29363	6.814403055	2.329194472	9.187219834	0.658195376
8.553393121	2487	8.046040047	2.711530192	8.724820748	0.662998174
7.790564754	3450	11.71638913	3.783971653	7.89363978	0.677036021
8.528862431	9013	8.202662828	2.841853048	8.655140125	0.653545061
8.376021797	4936	8.437851483	3.062905022	8.508251905	0.637004156
8.369345333	4732	8.866999671	3.301541163	8.139930328	0.627659717
8.882777095	2447	7.5580162	2.318878269	9.07433903	0.693189561
9.284386339	1399	10.19581014	2.854018848	9.606608858	0.720079247
8.259844285	1326	11.25345504	3.50093757	8.336107927	0.688901092
8.317815269	366	9.270934448	3.204736767	8.362304676	0.654324299
8.672308318	1631	10.33134312	3.106614868	8.620559646	0.699301937
9.043803812	399	6.732118138	2.051539564	9.152604756	0.695260909
7.456554279	1382	8.212231709	3.115880803	6.833689592	0.620580506
10.42200256	5059	10.19686353	2.920133214	13.34130533	0.71362437
9.62311611	3112	8.046517999	2.472666299	10.99808834	0.692703565
8.804985412	300	11.97933891	3.334399078	9.354856095	0.721654166
8.521107268	134	17.5777531	3.984330748	9.699180109	0.773331055
8.889108359	948	13.20631441	3.698160427	9.664985785	0.719970287
9.765268176	705	16.04741783	4.18941523	11.36135201	0.738935243
9.04724629	764	18.23868747	4.801722863	10.79278604	0.736728705
9.69505695	837	12.44296637	3.331078108	11.31187525	0.732292284
7.947817955	527	11.45012513	3.894863672	7.604648348	0.659840951
8.797568356	1083	7.971435028	2.670882523	9.166806921	0.664943324
9.225510446	711	11.94682046	2.969985424	7.908902622	0.75139951
8.641453314	1507	10.9682789	2.899141903	7.686099442	0.735679414

9.306832722	1467	3.034823278	1.559048946	9.900447483	0.486280154
8.356732922	39536	3.787293671	1.798255607	8.185309831	0.525187175
8.60457602	9475	3.304931299	1.541819335	8.92174388	0.533479157
9.001744965	7195	2.324164248	1.321088294	9.451488763	0.431585657
8.587968184	11801	3.187100948	1.522139386	8.920201078	0.522406284
9.419309196	5447	3.837752421	1.688204953	9.206507458	0.56010582
8.167350584	1196	7.626371803	2.932234523	7.972955745	0.615513825
9.661807354	2199	3.081325747	1.571802881	10.56796167	0.489893958
9.540848093	830	3.260581351	1.631766751	10.38678451	0.499547297
9.889739266	1069	2.65795234	1.3564684	10.64847628	0.489656613
9.348228943	5430	3.01244419	1.617558968	10.1625309	0.463041017
9.271692374	21667	2.78670178	1.352217047	10.36943905	0.514760763
8.56987368	5108	3.53549827	1.818694575	8.639029754	0.485590308
9.556027954	552	3.878188468	1.629990387	10.2827437	0.579703152
9.836014439	1406	2.598070015	1.267606717	10.57107935	0.512096783
9.78877891	2438	2.667088034	1.311790764	10.4365278	0.508156181
9.326932938	2636	2.667537115	1.403259789	10.66150105	0.473949292
9.180931904	15950	2.984646729	1.587917372	9.766502507	0.467971416
9.198522335	1039	2.980494196	1.578397982	9.780674695	0.470424071
9.821780364	574	2.836552285	1.375483724	10.57776364	0.515086067
9.354299199	2475	2.823906206	1.511134654	10.00928271	0.464877887
9.507093598	350	2.896890889	1.475928768	10.23544398	0.490512821
9.763221363	672	3.058413715	1.475751235	10.61119884	0.517478218
9.210024237	4005	3.009334793	1.591862998	9.789864063	0.471024958
9.419176147	1879	2.779455523	1.461678751	10.13935246	0.474113279
9.692990132	1047	3.029177551	1.515010492	10.55327795	0.499860782
9.662931725	2767	3.028334124	1.450380102	10.46991778	0.521063383
9.546292258	2815	2.807095458	1.486121541	10.4714084	0.470583896
8.12769501	1253	6.18651921	2.647721077	8.385847979	0.572017642
8.943553654	2502	3.264021889	1.699566632	9.468529779	0.479302931
9.168199673	38432	3.129181924	1.590306847	9.832603945	0.491781914
9.133801759	5473	3.154585075	1.545570979	9.614854855	0.510055699
8.908006876	16023	3.29348378	1.665300159	9.368710342	0.494365155
9.249842753	42074	2.949356681	1.555682858	9.941684963	0.472534852
9.102829364	28	3.192334593	1.593143478	9.612151016	0.500947212
9.24049684	5273	3.032187026	1.522722103	9.822898196	0.497813924
9.233614608	25569	2.856956937	1.568921067	9.938674224	0.450841892
8.966981085	11720	3.243481785	1.703171325	9.522143095	0.47489413
9.39988904	18181	2.644194605	1.399408287	10.01264249	0.470761991
9.255993589	26743	2.784250618	1.537747865	10.08389897	0.447697756
9.350946627	19494	2.732154035	1.484325553	10.18194665	0.456719668
8.985441125	7114	3.265702696	1.658567731	9.637718995	0.492125314
7.359690824	1111	14.3541764	5.524935881	7.274291352	0.615099068
7.666140523	4526	11.45323637	4.299852661	7.597908942	0.624573132
7.601414653	43944	12.3960042	4.629503985	7.920771231	0.626532558
7.869830746	9078	13.39750782	4.375254421	7.792948418	0.673427739
7.813206062	5025	13.47462442	4.944146499	7.760921863	0.633077231
7.612579674	1642	11.58985514	4.389683558	7.648736029	0.621247763

7.906690715	1004	10.72352737	4.101115723	7.9170387	0.617559075
7.698983121	9731	11.30556513	4.324428363	7.671656095	0.617495604
7.465967288	1783	11.36416783	4.015545586	7.883697994	0.646648514
7.837323225	2264	7.574095949	3.117164813	7.7545368	0.588443976
8.881087205	2495	3.771245919	1.845614276	8.957672879	0.510608877
8.104186037	1863	3.786647061	1.838980865	8.369945251	0.51435113
8.332268881	1939	4.151325879	1.973390995	8.40626581	0.524635971
8.074623018	4067	4.395579433	2.23618875	8.149541408	0.49126417
8.697753194	4141	4.295003187	2.018829651	8.858623663	0.529958521
7.875051493	612	10.20515128	3.663193769	7.937397817	0.641044638
8.255027346	512	1.555555556	1.388888889	12.66666667	0.107142857
8.009284694	3926	3.997581919	2.406304806	7.678504572	0.398059913
7.305555556	1668	1.555555556	1.388888889	12.66666667	0.107142857
7.747454346	1683	5.35053807	2.644068251	7.704772882	0.505831336
9.236133904	735	2.911381203	1.620345377	10.07007012	0.443444447
9.404751876	1000	2.923135029	1.554611393	10.32751825	0.468169832
7.115464082	7554	4.169156306	1.959094834	9.646392247	0.530098012
9.138951975	1394	3.037135045	1.685832999	9.986991404	0.444926559
9.29607411	2653	2.97638663	1.581973468	10.21964523	0.468491945
7.528271984	4179	8.220223055	2.944504966	7.809776558	0.641797437
8.638448271	2247	10.37790401	2.957836873	8.349824344	0.714987066
7.649576993	2536	13.3169878	3.97668954	7.205006702	0.701382205
8.292756629	1200	12.10316677	3.413244826	7.668410548	0.717987458
8.87566793	3472	7.102704834	2.612446225	9.131794784	0.632189949
8.563725621	6764	8.313533732	3.0082952	8.945624709	0.638144825
9.114676967	3033	9.124341615	3.069553192	9.393643069	0.663586336
8.733458942	1167	8.565734429	3.022499427	9.089935755	0.647140657
8.452847741	1479	10.55679682	3.823509109	8.622858692	0.637815412
7.66327911	2732	12.41326314	5.100285137	7.571437425	0.589126157
10.59480715	7376	3.943544571	1.410737531	11.89638057	0.642266619
10.24369628	1968	4.29217995	1.471858652	11.41671034	0.657083657
10.24911867	1814	3.968932836	1.438048175	11.0845272	0.637673845
9.889198488	19897	3.731384883	1.442041346	11.16166431	0.613537228
9.870714562	2252	6.144167987	2.233578449	10.54169251	0.63647178
12.62933025	2374	5.084010336	1.37130748	12.15803792	0.730270517
9.864482039	457	2.689415159	1.350421503	10.47727336	0.497875403
10.27361836	173	4.859136206	1.542165137	11.45562053	0.682625662
9.885697278	1691	6.010357887	2.114312016	10.44503327	0.648221944
10.37546386	290	2.594662226	1.340879811	11.68277713	0.483216044
10.36969205	521	4.316040509	1.374278133	11.43189299	0.681588222
10.05858392	174	3.705223563	1.425672311	10.68492938	0.615226373
9.682046792	2038	4.960101518	1.813747666	10.25464248	0.634332551
9.703279619	16732	3.566227172	1.474949447	10.18161373	0.586411808
9.825676932	4251	3.875670256	1.488245575	10.27659557	0.616003046
9.67066514	18194	3.215385508	1.392376213	10.82545194	0.566964456
10.9329169	4639	3.486414068	1.427035861	10.5487507	0.590686639
9.63811562	4825	4.599735657	1.614151777	9.910390651	0.649077274
9.552562382	7566	4.301064601	1.645752189	10.27257794	0.617361667

9.531186678	10532	3.065203095	1.443138722	9.901996723	0.52918659
9.470116409	57	7.185036294	2.479608713	9.939875832	0.654892667
9.72964643	3458	5.024804414	1.788150516	10.39280679	0.6441353
8.756204725	2049	8.83280309	3.581801067	9.146726343	0.594488745
9.257983992	1196	2.492375969	1.803008606	8.475740728	0.276590439
8.814168441	1427	7.706804848	2.886911211	9.148949991	0.625407511
8.355277098	1433	9.382471654	3.889875746	8.451352031	0.585410339
9.616725648	610	4.509634815	1.723888933	9.598458263	0.617732033
9.771263155	1255	5.44579124	1.995921571	10.49345053	0.633492824
8.715862754	10105	9.307222947	3.187048064	8.833038279	0.65757261
10.37592591	6959	1.48766377	1.391426987	10.2090968	0.064689875
8.566603265	1352	3.013477095	1.775180219	8.262324448	0.410919624
9.081316267	1051	5.280094158	2.25207566	8.953646186	0.573478125
10.25129719	341	1.343137255	0.921568627	10	0.313868613
10.71148566	570	2.850437985	1.242783503	11.29218956	0.564002617
9.87851166	944	1.897848306	1.120239488	8.521564577	0.409731808
9.634862811	3801	1.894532124	1.291332783	10.50447407	0.318389608
9.752949146	2092	4.809415954	1.722064684	10.28312768	0.641938917
7.398456784	273	3.184941456	2.300728568	6.62933973	0.277622964
6.433911841	6247	9.171186104	5.565208361	6.101756757	0.393185538
10.80757363	431	2.484118897	1.791925972	9.526834525	0.27864726
6.853611735	2896	5.088359982	2.59566944	6.6247315	0.489880934
10.1611891	834	4.114615658	1.461905184	10.71862797	0.644704316
10.14274292	3182	2.597351734	1.839772208	9.130716879	0.291673829
7.018751113	905	2.008056843	2.411885183	5.787928183	-0.201104038
7.918150057	1864	7.566612405	2.994108586	7.827746531	0.604299992
10.19619972	401	4.78753504	1.677150351	10.70097219	0.649683953
6.747277675	804	7.663660845	3.821419841	6.185062817	0.501358434
9.738045242	209	5.59324376	1.847264146	10.48419088	0.669732945
9.094797916	17532	3.403799068	1.679271972	9.783183361	0.506647737
9.151503158	1602	3.223293004	1.67138266	9.947210119	0.481467351
8.407448517	1335	3.090376574	2.194714634	10.82608508	0.289822913
7.749958236	2798	3.235975744	2.371077093	7.97572745	0.267275999
8.079559651	2552	3.1084453	1.929302535	8.868354893	0.379335215
8.466515748	127	3.276130215	1.667715235	8.58952202	0.490949649
8.787601317	1849	3.79048094	1.856619603	8.875115648	0.51018891
7.740837261	4061	4.078407011	2.047894437	7.9195321	0.497869038
7.997445933	2142	4.471689099	2.092204625	7.52272346	0.532122073
8.40979199	2777	3.5294993	1.789949756	8.546966199	0.492860147
7.775896599	7096	3.335332456	1.653805966	7.969688254	0.504155586
8.003196967	22139	3.096072376	1.715710276	8.133764826	0.445842969
8.840330306	7794	3.376758034	1.717413586	9.346194936	0.491401644
6.233075303	818	5.473911931	4.044881242	6.042909919	0.261062053
8.36940272	1613	3.644159167	1.862131069	7.935623694	0.489009403
8.120059943	13324	5.389529032	3.23791803	9.829050161	0.399220598
6.762433013	55355	6.981707317	3.859756098	6.538461538	0.447161572
7.278993744	570	5.102599013	3.058015033	7.359664647	0.400694622
7.165075387	1427	3.075231037	2.379287095	8.028680972	0.22630623

7.880528922	1135	9.516730238	3.761757193	7.910886004	0.604721674
12.88888889	6119	0.351851852	0.259259259	13.3	0.263157895
10.41602706	1701	1.523529412	1.129411765	8.454545455	0.258687259
6.856481481	52	1.818181818	2	6.625	-0.1
9.9409711	4940	1.523529412	1.129411765	8.454545455	0.258687259
9.843568473	5034	4.56	2.38	10.24444444	0.478070175
6.602655464	22736	9.647700568	4.556959625	7.047354078	0.527663655
7.058740883	4843	12.01510806	5.395951302	6.90292994	0.550902807
7.12778546	2937	8.345744411	3.948614492	7.079522926	0.526870906
7.356116833	7996	4.81558142	3.52685389	7.599734966	0.267616185
6.172590957	9902	4.876397384	4.118005514	6.082069041	0.155522984
7.027151015	8623	8.561639201	4.309461887	7.001310129	0.496654579
7.019063237	28328	6.988335165	4.005164006	7.344751444	0.426878661
6.149744661	128	11.89918764	6.031780559	5.708426607	0.49309308
5.791340009	14071	4.47991072	2.273367632	5.608741433	0.492541755
5.556499352	2001	5.58218787	4.132962025	5.338590334	0.2596161
6.863418375	1919	6.942505046	3.111917235	7.452994406	0.551758736
7.291190156	4483	9.228653196	4.08159423	7.312389647	0.557725906
7.18263465	15809	7.969184151	4.015666411	7.273027771	0.496100688
7.175484338	19308	8.325611133	3.817531966	7.222275931	0.541471262
7.25250592	19929	8.792730421	3.951814175	7.335336333	0.550558929
6.907188511	14166	8.083220621	3.949142952	6.881599396	0.51143942
6.522606371	971	7.07396063	4.762396216	7.316402408	0.32677089
6.731614096	3776	7.100992005	4.773487636	7.305076435	0.327771721
6.925808958	4559	9.08557056	4.074687169	6.942973352	0.551521047
6.802293314	1243	4.378897513	2.581294084	6.753356165	0.410515072
6.486492793	272	11.07790137	5.487571228	6.391825478	0.504638014
7.649629437	3615	3.43780617	3.613506216	7.51021383	-0.051108188
8.97473558	1636	2.955141371	1.636047207	9.906634034	0.446372609
7.49228168	3809	8.62256637	3.748667622	7.477896593	0.565249201
7.544474675	24874	8.981793926	3.126917728	8.262122101	0.651860446
7.439754082	13217	7.590627671	3.733778974	7.851028305	0.508106689
7.407619695	14450	6.979312209	3.744507839	7.179460264	0.463484692
7.537443862	17619	5.093717681	3.182767866	7.507732758	0.375158172
7.13861631	8296	6.828913657	3.734005209	7.219087409	0.453206557
7.213636002	4240	6.57880192	3.516625946	7.371981855	0.465461039
9.724760838	530	1.889263694	1.261375392	10.24105243	0.332345508
9.596670905	595	3.262177777	1.563277899	10.2741108	0.520787031
8.412554249	1252	1.980893792	1.854318382	8.741686651	0.063898131
9.532009607	284	4.314402684	1.646997538	10.20425867	0.618255954
8.851354941	56	1.434782609	1.52173913	7.947368421	-0.060606061
11.67127411	59	2.015625	1.171875	13.56862745	0.418604651
11.56417137	904	2.015625	1.171875	13.56862745	0.418604651
8.840985256	1981	2.170029939	1.909818846	8.613764676	0.119911292
8.529170211	826	2.234062216	2.189440549	8.791836392	0.019973332
12.2580823	1538	1.518121949	0.732857016	14.75947858	0.517260773
9.290071683	4784	3.389554255	1.773098937	10.1242594	0.476893183
8.683363286	2607	3.253823438	1.689479632	9.321479651	0.480770956

9.584619568	544	4.985024341	1.810227588	10.25721059	0.636866851
7.91724044	2837	6.465096799	2.949150959	7.878792972	0.543834988
9.699042339	2158	4.793996282	1.602162799	10.50343004	0.665798072
10.84950597	1223	1.077115315	1.127690156	8.956066252	-0.04695397
10.24104225	5245	1.966907805	1.165343115	10.90683728	0.407525298
7.607582965	1056	5.934371544	3.067057115	7.561510759	0.483170696
8.753437381	9318	1.624043257	1.676802149	7.564400953	-0.032486137
9.444298492	3656	4.263898418	1.636093512	9.830200357	0.61629163
9.288637229	431	4.449318261	1.782478534	9.494507943	0.599381651
8.846220882	1457	4.024362856	1.775951909	9.442341797	0.558699856
9.227888157	2126	4.431426978	1.656871249	9.628838021	0.626108868
9.115738664	5104	4.653427968	1.801015061	9.731597132	0.61297025
9.54194349	4033	4.182365258	1.722031541	10.37781183	0.588263713
8.983604173	983	5.321210563	1.851636305	9.039537812	0.652027244
9.683308882	250	2.550923417	1.177749447	10.54750892	0.538304663
9.040422121	389	3.984746967	1.661074637	8.808462093	0.583141753
8.652202116	641	10.55645323	3.246456061	9.042410886	0.692467158
10.1	11226	0.795918367	1.489795918	5.2	-0.871794872
10.25887335	707	4.356459765	1.555482586	11.25432045	0.64294802
6.849797461	5830	10.07527715	3.953892411	6.694976749	0.607564898
8.961693375	3809	5.34221378	2.115431668	9.223303881	0.604015909
8.919573061	2621	7.732590542	2.653707597	9.612990914	0.656815193
8.243550849	24911	2.320299242	2.130935018	6.533005951	0.081611984
6.753929413	4358	3.823578277	1.979256279	5.645703543	0.482354973
6.530262534	9713	3.424044754	2.693315459	5.40011464	0.21341114
7.156079056	1670	2.270433936	2.15802723	5.110125553	0.049508908
9.735735494	598	2.210772662	1.89371941	9.899379441	0.14341287
7.160086736	2436	2.275521313	2.157875955	5.094925203	0.051700398
8.265282651	2871	2.317069432	2.129775503	6.606461975	0.080832247
9.336926496	42320	4.640313964	1.773480192	9.894434865	0.617810302
9.192164799	3259	2.433052845	1.580941644	9.561097039	0.350223055
8.965122991	2023	3.040107597	1.508137004	9.182243388	0.503919859
8.958425213	1562	3.167442738	1.740160406	9.474421297	0.450610303
9.568744007	4416	2.36757465	1.364691847	10.21767396	0.423590784
9.277412996	12663	4.90052021	1.82935164	9.541112864	0.626702562
9.896105318	3960	3.960740859	1.437004047	10.88934996	0.637188067
9.54410387	383	3.971226197	1.464505104	10.29339551	0.63122093
7.792473457	833	2.395240579	1.494275965	8.624859376	0.376147859
8.596004841	2255	3.892362068	1.746420974	9.006246712	0.551321038
8.699371264	379	2.11557747	1.572045068	8.689700684	0.256919167
8.764782251	1709	3.576363755	1.700048919	9.123080069	0.524643175
8.365881712	3306	4.865401881	2.133924042	8.668428506	0.561408473
9.488007635	2215	3.3786128	1.348791302	10.29231662	0.600785476
9.130340873	2607	2.953875671	1.306997792	9.986727345	0.557531211
8.359183673	6122	1.827586207	1.189655172	9.311111111	0.349056604
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8.359183673	2228	1.827586207	1.189655172	9.311111111	0.349056604

11.36576184	261	1.148833852	0.592368028	13.61115372	0.484374501
7.943326634	3985	9.917567533	3.686215181	8.106892128	0.628314587
8.090438285	1893	8.654554039	3.202636937	8.209521061	0.62994778
11.86132825	434	1.575901085	0.929225905	12.4497289	0.410352646
9.85164517	2675	1.917190517	1.127140242	8.491936808	0.412087515
10.03743131	1785	2.825366967	1.272616049	10.28017557	0.549574953
9.457510655	827	3.764115261	1.599102727	10.11723626	0.575171689
8.630356295	2029	4.096780937	2.188213403	9.236077626	0.465870049
8.390953858	182	2.234196988	2.189333194	8.793263487	0.020080501
9.246890471	818	2.975228772	1.892796535	9.462420331	0.363814792
10.33256811	138	1.795926215	1.549884966	10.61342122	0.136999642
9.548116689	676	5.586523212	2.027268394	9.985528202	0.637114478
6.799274885	3022	2.004366812	2.165938865	6.463414634	-0.080610022
10.00823733	1251	2.490192628	0.944501969	10.57590401	0.620711282
11.64088667	591	0.938461538	0.6	12.88888889	0.360655738
8.3300427	3415	4.909005331	2.153083308	8.618683214	0.56140131
12.36109983	2136	1.312064479	0.711903787	12.78038956	0.457417071
12.98864034	6642	1.299285196	0.668171126	15.04583112	0.485739445
8.040142468	1579	3.606762666	2.059726171	7.719591372	0.428926613
8.164464483	574	2.233943919	2.193422372	7.626043537	0.018139017
21	1694	0.142857143	0.095238095	21	0.333333333
9.207106459	2736	5.993376303	2.293286596	9.473267535	0.617363156
6.396132512	3378	4.58949909	2.135686091	6.548326241	0.534658129
8.973734429	1343	3.374730848	1.446763445	9.521432944	0.571295161
6.958418256	1733	3.4096227	2.30050275	6.721941521	0.325291109
7.35255814	60306	20.86046512	7.697674419	7.465116279	0.630992196
7.608989198	118504	5.307692308	2.938461538	7.734375	0.446376812
6.334565693	10813	14.60465116	5.395348837	5.813953488	0.630573248
6.39047619	9594	8.542857143	4.428571429	5.771428571	0.481605351
6.53695081	59125	25.76923077	6.061538462	6.738461538	0.764776119
6.930747047	55611	11.90566038	4.132075472	6.641509434	0.652931854
7.945945946	51391	8.052631579	2.842105263	7.945945946	0.647058824
8.075691122	60155	8.5	3.35	7.026315789	0.605882353
8.498284622	22793	14.08695652	3.260869565	8.604651163	0.768518519
7.344253148	34828	12.39215686	3.568627451	6.745098039	0.712025316
8.189393939	10921	5.518518519	3.055555556	9	0.446308725
6.898234127	30119	9.508474576	3.593220339	6.72	0.622103387
7.626111983	9926	13.25641026	3.871794872	8.435897436	0.707930368
7.234982211	14593	4.333333333	1.958333333	7.979166667	0.548076923
6.309840426	49569	20.26666667	5.416666667	6.744680851	0.732730263
8.293093295	19061	9.066666667	3.016666667	8.267857143	0.667279412
7.441889718	55772	3.78	2.56	6.186046512	0.322751323
6.4523914	18790	4.075471698	3.849056604	6.471698113	0.055555556
7.829437229	5727	3.75	2.125	7.476190476	0.433333333
6.079057679	183465	0.776824034	1.652360515	6.05952381	-1.127071823
5.272660819	6079	3.605263158	2.526315789	5.684210526	0.299270073
6.215277778	39960	4.625	4.416666667	5.645833333	0.045045045
7.341901154	19904	5.12	4.04	6.729166667	0.2109375

6.407874665	21711	4.673076923	4.653846154	6.93877551	0.004115226
7.555270074	9170	3.6875	2.5625	8.0625	0.305084746
6.927587603	3847	6.571428571	3.6	5.514285714	0.452173913
8.505009444	11617	2.903846154	1.961538462	8.277777778	0.324503311
8.328346541	23971	6.912280702	2.824561404	8.333333333	0.591370558
6.918603581	33536	10.3164557	4.253164557	7.056338028	0.587730061
7.36302682	33020	4.619047619	3.05952381	7.172413793	0.337628866
7.599869055	3966	5.06779661	2.813559322	8.083333333	0.444816054
7.048350825	19299	5.339622642	2.547169811	6.717391304	0.522968198
8.059806842	15465	6.142857143	3.404761905	9	0.445736434
7.205128205	7904	5.208333333	2.854166667	7.076923077	0.452
7.256409311	64927	15.88235294	3.823529412	6.46875	0.759259259
5.353372569	9472	15.8974359	9.256410256	4.411764706	0.417741935
7.832539683	7362	2.317073171	2.951219512	6.583333333	-0.273684211
6.871700697	71700	15.14864865	5.189189189	7.726027397	0.657448707
7.0625	19872	18.31818182	4	6.375	0.781637717
8.448412698	16220	2.523809524	2.841269841	8.866666667	-0.125786164
7.762136087	9722	10.5483871	5.241935484	8.911764706	0.503058104
8.231854145	19337	15.86666667	3.453333333	8.087719298	0.782352941
13.47902708	9714	3.492753623	1.086956522	12.32075472	0.68879668
5.819757728	27528	17.91525424	5.694915254	5.178571429	0.682119205
6.76315764	11932	18	4.648148148	6.528301887	0.741769547
10.31746926	13691	4.609375	1.84375	11.06896552	0.6
9.315008149	18349	17.12962963	4.296296296	8.957446809	0.749189189
9.6009112	22911	21.61333333	2.52	10.40322581	0.883405305
9.525934933	4618	10.69444444	3.388888889	10.90322581	0.683116883
9.665302177	5896	11.98484848	2.287878788	8.461538462	0.809102402
11.6969697	3423	11.08108108	1.324324324	11.75757576	0.880487805
7.254246664	3736	16.37837838	2.594594595	6.2	0.841584158
8.673962199	5126	11.57142857	4.12244898	9.8	0.643738977
9.98573856	5477	10.12962963	1.925925926	10.78571429	0.809872029
9.585838533	6498	13.47826087	3.869565217	9.5	0.712903226
7.651065504	19792	16.83333333	4.694444444	7.03030303	0.721122112
11.18852459	11217	1.488372093	0.953488372	12	0.359375
10.77246827	30012	2.7	1.383333333	11.11538462	0.487654321
7.211111111	164891	2.650684932	1.589041096	8.166666667	0.400516796
7.938811189	155842	2.337349398	1.325301205	8.25	0.432989691
8.690285205	22977	1.255319149	0.595744681	10.93939394	0.525423729
10.02463421	10210	1.729411765	1.117647059	12.84782609	0.353741497
10.84771242	6009	1.860465116	0.953488372	11.05714286	0.4875
9.812884218	4345	4.56	2.38	10.24444444	0.478070175
7.481385281	20634	9.393442623	3.081967213	6.672727273	0.671902269
9.615029834	5213	2.913043478	1.623188406	10.48333333	0.44278607
8.671763063	14208	3	1.492307692	9.298245614	0.502564103
11.52532205	19429	1.2	0.9125	11.57692308	0.239583333
9.180223371	28913	2.403508772	1.052631579	9.711538462	0.562043796
10.58666667	4723	1.53968254	0.857142857	11.75	0.443298969
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15.13029101	48708	2.309859155	1.915492958	14.5	0.170731707
12.02622197	4330	1	0.696428571	14.26315789	0.303571429
10.88981396	19573	0.841346154	0.504807692	12.66666667	0.4
8.793957115	4971	3.384615385	1.769230769	8.526315789	0.477272727
8.442940039	20829	6.114285714	2.485714286	9.242424242	0.593457944
7.688715993	8991	28.92307692	6.923076923	6.973684211	0.760638298
7.421318973	55196	12.38356164	4.698630137	6.31147541	0.620575221
6.260839599	5851	8.625	4.55	6.078947368	0.472463768
7.431353586	13297	13.38636364	5.454545455	7.147058824	0.592529711
7.643208852	14684	19.77777778	5.555555556	7.647058824	0.719101124
8.648951049	14538	12.2	3.366666667	9.3	0.724043716
7.17780201	2910	11.81578947	4.315789474	7.594594595	0.634743875
8.440851592	69704	4.625	1.291666667	10.03225806	0.720720721
9.386718406	22041	1.307692308	0.923076923	9.119047619	0.294117647
9.132936508	28251	3.945454545	1.854545455	9.523809524	0.529953917
7.376323843	34280	6.68	2.933333333	6.708333333	0.560878244
6.952941176	6895	1.890909091	1.890909091	7.3	0
6.962285815	11987	6.372881356	2.677966102	6.558823529	0.579787234
7.246303105	13963	23.01666667	4.833333333	5.960784314	0.790007241
6.640343654	38658	7.733333333	2.633333333	7.195652174	0.659482759
11.39414153	6343	3.148148148	1.185185185	11.25581395	0.623529412
8.521115024	7008	12.93333333	6.4	6.804878049	0.505154639
9.003356738	6789	6.12244898	1.816326531	9.536585366	0.703333333
8.147341818	2220	7.083333333	2.145833333	8.782608696	0.697058824
9.78125	4378	3.375	2.075	9.78125	0.385185185
7.660968661	8281	5.721311475	2.704918033	7.692307692	0.52722063
10.62076914	4145	4.8	2.282352941	10.60784314	0.524509804
5.886124795	46158	16.90697674	7.720930233	4.965517241	0.543328748
12.49927899	8398	1.519230769	0.673076923	13.22222222	0.556962025
12.08617313	79296	1.411764706	0.705882353	11.82608696	0.5
11.64238231	42567	1.752941176	1.152941176	12.5952381	0.342281879
13.6179929	1804	4.311926606	0.981651376	18.80645161	0.772340426
10.54912892	68461	4.408450704	1.521126761	12.68292683	0.654952077
12.33171694	2704	0.714285714	0.404761905	15.43333333	0.433333333
13.95220161	10203	0.61971831	0.507042254	14.07692308	0.181818182
11.01930618	8873	1.928571429	0.928571429	12.41176471	0.518518519
14.1006397	4750	0.666666667	0.688888889	16.57142857	-0.033333333
9.964282381	104855	3.870967742	1.806451613	8.447368421	0.533333333
11.97079365	8021	1.411764706	0.735294118	13	0.479166667
12.23991196	8586	1.338461538	1	14.08510638	0.252873563
10.32638889	17546	1.073770492	0.819672131	12.375	0.236641221
10.52090142	53352	1.481012658	0.696202532	11.09375	0.52991453
9.802175	128273	2.627118644	1.474576271	11.88235294	0.438709677
12.19258173	20980	2.015625	1.171875	13.56862745	0.418604651
10.48210177	14963	1.763636364	1.327272727	10.42424242	0.24742268
10.49729707	18656	3.070588235	1.4	11.46153846	0.544061303
8.534313725	6834	3.722222222	1.291666667	9.1875	0.652985075
8.359183673	13776	1.827586207	1.189655172	9.311111111	0.349056604

7.212370377	90453	6.989795918	2.5	7.109375	0.642335766
7.149859944	36937	5.405797101	3.463768116	6.80952381	0.35924933
6.887733888	32552	3.888888889	2.396825397	8	0.383673469
10.47532457	25088	1.033057851	1.388429752	9.671641791	-0.344
7.321039188	12554	1.866666667	1.933333333	8.288888889	-0.035714286
11.39434439	53579	1.154761905	0.726190476	11.67924528	0.371134021
11.19786325	22605	1.343137255	0.921568627	10	0.313868613
6.886586313	6162	2.108108108	2.22972973	6.53030303	-0.057692308
8.099690526	4109	1.909090909	1.96969697	8.264150943	-0.031746032
8.737004104	4530	2.931818182	2.227272727	8.209302326	0.240310078
8.42277761	41624	2.908163265	1.275510204	11.72093023	0.561403509
7.307689702	28401	11.47435897	3.179487179	7.825	0.722905028
6.936531907	15588	7.245614035	4.052631579	6.636363636	0.440677966
7.334749695	16164	2.4625	1.5375	6.738095238	0.375634518
7.427398108	123794	2.606060606	1.46969697	6.978723404	0.436046512
7.085185185	11227	3	1.708333333	7.075	0.430555556
7.06962486	227535	5.783410138	1.751152074	6.925	0.697211155
6.200520833	26438	3.425	3.075	6.671875	0.102189781
6.73929469	14853	2.954545455	3.113636364	5.958333333	-0.053846154
6.626688453	39681	1.274559194	1.052896725	6.441176471	0.173913043
7.848308668	42333	3.843049327	1.843049327	6.976744186	0.52042007
5.546953542	45599	13.97849462	7.462365591	4.298245614	0.466153846
5.892473118	46252	2.166666667	4.369047619	6.177419355	-1.016483516
7.185243742	7390	4	3.464285714	6.381818182	0.133928571
5.634370549	86874	3.41025641	3.948717949	5.531914894	-0.157894737
7.18464847	42238	6.981707317	3.859756098	6.538461538	0.447161572
8.600150915	30901	2.611111111	1.333333333	8.85483871	0.489361702
8.372096673	8870	2.294117647	1.578431373	9	0.311965812
8.179499072	12046	1.410071942	1.064748201	7.318181818	0.244897959
7.536923077	21235	5.363636364	2.424242424	7.730769231	0.548022599
7.239142504	103190	5.35	4.375	6.567567568	0.182242991
5.98506435	111828	3.431372549	4.666666667	6.78	-0.36
5.945454545	22767	2.837837838	2.594594595	6	0.085714286
5.159741352	50751	8.819672131	7.098360656	4.393442623	0.195167286
6.056770157	7695	2.610169492	3.050847458	5.925925926	-0.168831169
5.522263682	244849	5.173913043	6.304347826	4.075	-0.218487395
4.35	34400	12.19230769	18.67307692	4.027777778	-0.531545741
5.12047103	36058	3.954545455	5.027272727	4.305555556	-0.271264368
4.847915762	70855	8.276595745	5.404255319	5.446808511	0.347043702
4.709771285	71536	6.446808511	5.106382979	5.113636364	0.207920792
5.679313934	92987	8.8	5.283333333	6.120689655	0.399621212
6.783022459	79763	12.68918919	3.594594595	6.084507042	0.716719915
5.461805556	28516	7.468085106	6.404255319	5.444444444	0.142450142
5.917589494	26287	4.212121212	1.681818182	5.522727273	0.600719424
8.048425431	7408	2.350877193	1.526315789	6.666666667	0.350746269
5.332919768	8954	20	12.5	4.870967742	0.375
6.165367965	39202	3.551020408	2.020408163	5.681818182	0.431034483
5.577122642	514084	4.109375	5.578125	5.679245283	-0.357414449

9.704543647	8074	2.313186813	1.357142857	8.035087719	0.413301663
6.588643791	40570	2.62332696	1.543021033	7.354166667	0.41180758
8.240958031	10614	10.93055556	3.513888889	6.459459459	0.678526048
5.474916701	56046	18.456	5.704	5.245283019	0.690940616
6.326042055	34234	1.434599156	1.046413502	6.789473684	0.270588235
5.258367347	70090	22.41269841	5.80952381	4.755102041	0.740793201
8.244897959	148374	5.262135922	2.349514563	8.571428571	0.553505535
6.07351838	134656	6.957446809	4.329787234	6	0.377675841
6.799274885	140795	2.004366812	2.165938865	6.463414634	-0.080610022
7.498796984	7358	4.153409091	2.454545455	6.673469388	0.409028728
9.61475206	8314	1.182835821	0.832089552	10.67391304	0.296529968
7.611111111	5226	N/A	N/A	N/A	N/A
6.25	4767	N/A	N/A	N/A	N/A
7.006578947	24323	N/A	N/A	N/A	N/A
9.823529412	2819	N/A	N/A	N/A	N/A
10.12903226	6853	N/A	N/A	N/A	N/A
9.545454545	5115	N/A	N/A	N/A	N/A
6.703431373	20340	N/A	N/A	N/A	N/A
11.1092803	4443	N/A	N/A	N/A	N/A
9.0625	41191	N/A	N/A	N/A	N/A
10.6	6286	N/A	N/A	N/A	N/A
5.048138639	74812	N/A	N/A	N/A	N/A
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5.25	41997	N/A	N/A	N/A	N/A
5.5	136	N/A	N/A	N/A	N/A
5.5	155	N/A	N/A	N/A	N/A
5.5	94	N/A	N/A	N/A	N/A
5	622	N/A	N/A	N/A	N/A
9.027777778	6384	N/A	N/A	N/A	N/A

qualified_per_v acancy_2023	suitable_per_v cancy_2023	vacancy_durati on_week_2023	suitability_gap_ 2023	qualified_p er_vacancy_ 2022	suitable_pe r_vacancy_2 022	vacancy_du ration_week _2022
6.415177399	3.477441523	7.27842066	0.457935252	6.4367044	3.1962312	6.6878212
5.575305775	2.892385604	8.281694345	0.481214893	5.2856356	2.4631902	7.5330744
3.962406896	2.264733778	8.100139435	0.428444923	4.2741008	2.0483836	7.8929681
4.94686317	2.641650059	8.234377464	0.465994921	4.612863	2.2870962	7.2597288
5.006319812	2.701549962	7.861425354	0.460372077	4.4489283	2.3097538	6.9256348
7.040481221	3.321103893	7.763889314	0.528284532	6.8604907	3.135542	7.0550134
7.700807884	3.842759095	7.774358906	0.500992733	7.6139874	3.2593568	7.0889402
7.032931662	2.75280354	8.921664609	0.608583778	7.0806619	3.110472	7.7744571
7.799668528	3.593195334	8.149190878	0.539314354	7.7794609	3.1395486	7.3454168
3.151515152	1.727272727	7.967741935	0.451923077	3.2891128	2.2347876	8.0372252
6.233130069	3.807951325	6.78068604	0.389078796	5.4053535	3.5111691	6.3453529
6.850067795	3.722564893	7.540521478	0.456565248	6.7358128	3.3257779	6.7654908
6.672338007	3.29886501	7.595311195	0.505590843	6.9241064	3.0703357	7.0839804
5.897374919	2.973562318	7.699848877	0.495782046	6.1758539	2.876225	7.2027703
6.555555556	3.666666667	7.222222222	0.440677966	5.3333333	2.8666667	5.8333333
7.176195456	3.316732321	7.792129273	0.537814662	7.5342715	3.3191622	6.8704604
7.174116773	3.412084128	7.912543834	0.524389659	6.1723618	2.9207755	6.2588865
7.130570741	3.432650744	8.708858113	0.518600843	6.890745	3.216669	6.2477225
2.948701689	1.68034389	8.795507813	0.430141104	7.17123	4.2837609	5.8913538
7.080276292	3.304718915	7.509258907	0.533250006	6.8917228	3.1484808	6.1686822
8.648336563	3.745659666	8.575941476	0.566892472	7.8969984	3.2731548	6.2227511
6.952908315	3.313895188	7.570276667	0.523379996	6.9785573	3.2058962	6.4106578
8.750494099	4.149641429	7.84703465	0.525782044	7.9326306	2.9875986	6.5649609
8.666500473	3.820448644	7.506010929	0.559170549	9.009498	3.5636207	6.1686093
6.824217874	3.383566264	8.237195225	0.504182556	5.0717651	2.8523213	6.0346932
6.739845126	2.949600232	8.073555466	0.562363797	7.0837827	2.894954	7.1525822
7.622566763	3.564836831	8.229088034	0.532331176	7.3037887	2.9880302	7.3502057
9.97654356	4.584178051	8.07618244	0.540504382	8.4933453	3.1287127	7.2071808
5.499895661	3.427039475	7.487895751	0.376890093	5.5517554	3.3504412	6.2746902
8.068637833	3.580062911	7.271171125	0.556298971	16.337838	5.9459459	6.6190476
8.627406197	3.730953076	7.550491737	0.567546376	9.3157193	3.4786701	7.2637846
7.067775782	2.946955882	7.435731721	0.583043383	8.8188202	3.5049348	7.6770169
7.78182718	3.639913196	7.55894254	0.532254686	8.0615377	3.4644132	7.074662
8.782998174	3.655205398	7.683951184	0.583831702	9.0863245	3.3768173	7.2569301
8.031214761	3.67718383	7.62440554	0.542138526	8.4199669	3.3848268	7.2050014
4.887103704	2.906123468	7.723619826	0.405348516	6.4174741	3.1008457	7.1973272
8.063863981	3.465437255	7.641231435	0.570251028	8.1123025	3.3492444	7.0850349
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8.212353246	4.085368654	7.835689249	0.50253374	7.6261901	3.2312495	7.3244116
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5.394185389	2.376866384	9.124179692	0.559365092	5.4320702	2.1363136	8.1668861
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5.498131076	2.411725093	8.996200563	0.561355475	5.5234391	2.167011	7.9352466
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12.23913043	2.130434783	9.256410256	0.825932504	6.3485542	2.5679434	7.7116954
5.484151206	1.935933547	9.37769406	0.646994863	5.8531499	2.0315335	8.1962982
8.027443512	2.740418061	9.6099003	0.65861883	7.2618864	2.2450286	8.6366499
8.014057253	3.324509129	8.402044391	0.585165288	8.1694918	2.810744	8.0413805
6.439154502	2.811458939	8.714074231	0.56338073	6.3138922	2.4223539	7.8770669
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6.508065942	2.48662682	7.794443611	0.617916161	7.1541616	2.9865315	7.7415296
8.272239841	2.612300542	9.512385769	0.6842088	7.0322538	2.567603	8.4123166
5.536438867	1.856786729	10.12506389	0.66462436	4.774487	1.8612938	7.7461961
8.814273093	2.691978851	9.044694982	0.694588672	10.454349	2.7384958	8.0154052
13.00558821	3.554302399	8.524362287	0.7267096	20.532083	5.1778064	7.3397794
9.838406379	3.098901393	9.241097657	0.685019985	11.440503	3.4634938	7.7612416
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7.593762022	3.366025521	8.42766997	0.556738082	8.3980527	3.0396945	7.8111355
5.534784022	2.278040967	9.14989506	0.588413756	5.5744548	2.0435452	8.0760031
5.447825643	1.545888074	12.05733164	0.716237601	6.8523058	2.60688	7.7102971
7.737674388	2.525614999	9.846577747	0.673595079	9.946714	2.4014181	8.3916828

3.291154597	1.84179885	9.489513597	0.440379115	3.6839454	1.7339099	8.5305371
3.342555211	1.916096958	9.079221026	0.426756826	4.8456193	2.0781437	7.8056679
3.050746557	1.740867518	9.082256835	0.429363441	4.6373739	1.9326563	7.8097273
2.960717857	1.632266638	10.27883528	0.448692271	5.1317329	1.82374	7.2749109
3.021595072	1.727761566	9.544427398	0.428195531	4.6952599	1.9528885	7.2992761
3.712237775	1.587197544	10.4512617	0.572441842	3.7057696	1.4869083	8.6001584
5.423564138	2.606848053	8.843052213	0.519347797	8.3109995	3.9990761	7.6860438
3.21140192	1.847037809	9.612013418	0.424850002	3.9138673	1.8349233	8.805447
3.363615388	1.897810387	9.544296365	0.435782583	3.9779218	1.8800226	8.6914634
2.601306243	1.40375457	9.98000411	0.460365509	3.5477606	1.5696006	9.0407374
3.172934609	1.808565389	9.36950229	0.430002313	3.5788225	1.7650641	8.5126536
2.752741884	1.460809699	9.74563807	0.469325581	2.4516129	1.016129	7.7
3.675526562	2.109644751	9.012803684	0.426029246	3.5575389	1.7942261	8.0577876
3.840353594	1.7993441	9.749622879	0.531463951	4.5254669	1.8601588	8.6357173
2.529810711	1.349025843	9.957357119	0.466748308	3.4113836	1.5073438	8.9796068
2.562162647	1.378867644	10.06517349	0.46183446	3.4327021	1.5178667	8.8646354
2.724735556	1.601924199	9.819297761	0.412080855	3.7368421	2	7.5
3.228277536	1.824253358	9.357225461	0.434914335	3.5293202	1.7385385	8.4190677
3.244633779	1.834385369	9.446198745	0.434640242	3.5367617	1.7432101	8.3686936
2.943852214	1.537904567	9.979110198	0.477587713	3.7507678	1.6890659	8.9084673
3.061976995	1.771467416	9.475534293	0.421462859	3.5559891	1.6730651	8.5780806
3.129105112	1.760873162	9.606190126	0.437259824	3.5744252	1.6637695	8.6796467
3.138936716	1.624927506	9.753505393	0.482331868	3.9300652	1.7594745	8.9249599
3.243553802	1.834056711	9.4439699	0.434553325	3.5732624	1.765446	8.3962387
3.063498386	1.7372901	9.492084257	0.432906475	3.5271508	1.6513875	8.6260917
3.062682797	1.655770975	9.667935195	0.459372359	3.8775027	1.7658282	8.8577573
3.267451238	1.630022535	9.804919082	0.501133325	3.9013226	1.7652811	8.7139583
2.988225128	1.742337167	9.475055956	0.416932429	3.700631	1.7450315	8.6924124
5.802931438	2.891496381	8.301779668	0.501717983	5.1545372	2.3280576	7.6954574
3.480130803	1.9497476	9.123587164	0.439748759	3.7139601	1.8256436	8.238544
3.156293766	1.829730623	9.235818289	0.420291405	3.4001619	1.6116463	8.4361768
3.047902448	1.746665338	9.447195681	0.426928726	3.4898601	1.6008543	8.3393547
3.21247732	1.843608225	9.108811781	0.42611012	3.5006548	1.6692701	8.2464985
3.237895965	1.829971854	9.384716666	0.434826853	3.5196182	1.7385942	8.4231266
3.12383019	1.815151146	9.289492928	0.418934118	3.4265055	1.6189847	8.4068441
3.003607016	1.766467804	9.486453932	0.411884513	3.2403195	1.5217446	8.4121384
3.166321775	1.803940895	9.311151167	0.430272404	3.5043165	1.7275407	8.4510184
3.438118936	1.938743687	9.117423769	0.436103369	3.6750519	1.8121461	8.2613764
2.801091267	1.610358198	9.503716329	0.425096134	3.3201467	1.5471093	8.6833083
3.152415061	1.803081976	9.199456639	0.428031544	3.4205097	1.6950916	8.4846252
3.013066455	1.717535212	9.301406976	0.429971015	3.470086	1.6384457	8.5694863
3.322169641	1.896308723	9.094321201	0.429195698	3.6003233	1.7315949	8.2242832
10.60281979	5.606694545	7.731349074	0.471207221	9.4877241	3.7381551	7.073432
8.177313986	3.903920885	7.994949586	0.522591295	7.6005765	3.1027094	7.405563
9.060878799	4.378489153	8.210395804	0.516769924	8.6835443	3.3164557	6.6730769
9.788715684	4.408781602	8.118691828	0.549605715	9.750541	3.317413	7.697852
10.2585513	4.929249564	8.074590459	0.519498473	9.3615027	3.3747906	7.6041059
8.15748423	3.954364941	7.891445709	0.515247001	7.685796	3.0922413	7.2975573

7.859834911	3.811876469	8.214757667	0.515018253	7.6922155	3.0403327	7.5882758
8.358494773	3.982303735	7.956010179	0.523562095	7.8716411	3.1505406	7.4692831
13.02941176	3.867647059	6.8	0.703160271	7.8821793	3.0009883	7.7142039
5.536981351	2.795084325	8.381512149	0.495197085	5.6585711	2.5506429	7.3759207
3.632456451	1.997841406	9.500098087	0.450002654	3.8292002	1.7594062	8.1854906
3.398258221	2.105305641	8.533989268	0.380475084	3.2497475	1.6255932	7.4086236
3.612518797	2.105821062	8.9631983	0.417076788	3.6700206	1.7337764	7.6273425
3.617538257	2.134364067	8.626428717	0.40999544	4.1682924	2.0911634	7.4478989
3.67262978	2.00661378	9.232532999	0.453630259	4.0855361	1.7542444	8.0021029
6.815332124	3.31344911	8.188861181	0.513824264	7.4751445	2.8689582	7.4988955
2.6	1.6	4.5	0.384615385	1.5343178	1.2156326	7.5984154
2.74548802	1.909311113	9.531550791	0.304564034	3.5479348	2.2390095	6.8177987
2.6	1.6	4.5	0.384615385	1.0679612	1.0291262	4.75
4.129310459	2.414073321	8.138465443	0.415381007	4.2429682	2.317727	7.3991247
3.156389832	1.833804655	9.151507156	0.419018324	3.6228947	1.7325869	8.4868244
3.297188197	1.878965166	9.284704036	0.430131053	3.7063055	1.7646082	8.6020333
12.57407407	6	6.866666667	0.522827688	17.44186	8.9534884	4.8333333
3.492075793	1.998130373	8.961739137	0.427810136	3.6839595	1.8403389	8.4681254
3.361081288	1.9172043	9.106579739	0.429587048	3.747053	1.7848353	8.5619974
8.457518851	3.160799347	7.627541236	0.626273449	10.828614	3.7757054	7.1474982
6.595149023	2.326895447	9.265316159	0.647180763	6.6458071	2.5191199	8.3002043
10.02615711	3.315689597	8.810525005	0.669296066	11.316456	3.9819201	6.9331993
5.25190948	2.061413792	9.083036683	0.607492513	6.4716586	2.6793591	8.1268227
5.217636634	2.266021913	9.387382256	0.565699555	4.9375041	2.0390896	8.1078268
6.043508834	2.718334186	8.891270126	0.550205971	5.810051	2.3546278	7.854282
6.840779412	2.94601416	9.556127604	0.569345248	6.0520386	2.2892114	8.3942602
6.393409555	2.827237783	9.047002035	0.557788726	5.8829456	2.3398739	8.063439
7.769506222	3.71200081	8.762899312	0.522234656	6.8207427	2.6277164	7.9727852
9.329556371	5.207430594	7.972334747	0.441835133	8.096765	3.391287	7.4460652
3.756183793	1.363951182	10.78000687	0.636878476	3.9050566	1.4996503	9.108034
4.10443381	1.519400527	10.62640021	0.62981483	4.0892378	1.5043196	8.6879783
4.052297825	1.556931681	10.60132028	0.615790411	3.912191	1.4007276	9.0615085
3.092243916	1.276116647	9.550851699	0.587316951	3.2213193	1.3071053	8.9550795
5.582572322	2.215429465	10.15693097	0.603152573	4.6899323	1.7377671	8.9135202
2.142857143	1.06122449	14.9375	0.504761905	2.494382	0.988764	10.792453
2.037567485	1.053486218	10.21350355	0.482968674	2.6409997	1.268385	8.9026692
4.731433041	1.653474985	10.80576135	0.650533999	4.3627798	1.4566314	8.5594732
5.222391669	1.980550848	10.21593522	0.620757888	4.4611912	1.6625461	8.9961233
1.784433627	1.060939266	10.85408756	0.405447616	2.2692475	1.1210377	8.5895269
3.698553081	1.398321529	10.70328661	0.621927414	4.02585	1.5030582	8.9738965
3.224634865	1.25107778	10.52409879	0.612024979	3.2563771	1.2451774	8.9667236
3.91608525	1.566835555	10.11373633	0.599897486	3.7734883	1.5279503	8.6777616
2.523190872	1.16477419	10.58611986	0.538372541	1.1132075	0.5849057	8.3421053
3.096395942	1.241199671	10.53189177	0.599146978	3.2999638	1.3540961	8.6685435
2.234193969	1.107603247	10.76281466	0.50424929	2.3932584	1.0898876	7.4237288
0.7	0.457142857	14.33333333	0.346938776	2.2736842	1.5263158	7.9166667
3.772197982	1.483578355	10.4742105	0.606707187	3.8883635	1.5144657	8.5297457
4.092416623	1.543925277	9.743799219	0.622735069	4.0069738	1.5737296	8.64131

2.351426238	1.195009364	10.36991937	0.491793812	2.4449139	1.2675272	8.3216439
5.559574464	2.320626353	9.967013762	0.582589213	4.9311606	1.8839013	8.5034596
3.920132231	1.469655202	10.29572221	0.625100605	4.1031551	1.6237392	8.5004103
6.831424302	3.506690351	8.99624365	0.486682397	6.0490766	2.4233135	8.1256442
2.333532791	1.304585503	10.63590516	0.440939717	3.0422929	1.7050388	8.6623061
5.552456504	2.627330533	9.183223402	0.526816548	5.3368565	2.1751725	8.1103319
7.479622798	4.129981148	8.719351156	0.447835638	6.3428564	2.6180607	7.8951281
3.663095631	1.386703977	10.36872971	0.621439319	4.5050811	1.7108055	8.882989
4.718379605	1.87029004	10.18444174	0.60361603	4.4345966	1.6779478	8.6358972
7.96354412	3.699819238	9.142179122	0.535405445	6.3244576	2.2966656	8.1723709
2.001230662	1.429998739	10.57721751	0.285440321	0.9431818	0.4659091	10.341463
2.170831371	1.559208383	9.600588005	0.281745969	2.3159998	1.3845937	7.8368973
4.035469586	1.63532029	9.663521784	0.594763322	4.3409615	1.7055877	8.6267808
1.493821812	0.799018541	10.18715781	0.465117905	2.5265682	1.3769738	10.566734
1.707571382	0.828853306	11.77970135	0.514601079	2.3006551	1.1508413	9.0625661
1.746889126	0.832004981	12.59853335	0.52372193	2.1554266	1.0846334	8.5154371
1.802498205	1.15028105	10.27389384	0.361840668	2.3281077	1.2909331	8.1262205
3.673790437	1.421647511	10.33479805	0.613029775	4.0049317	1.5707608	8.6409217
2.157566134	1.960199637	7.254368255	0.091476453	2.2855052	1.8601446	8.3116624
7.775882383	5.115138832	6.775364188	0.342178986	7.8502052	4.1279783	6.4246146
2.336532383	1.298928105	12.75797793	0.444078706	2.8018595	1.7025483	10.137908
3.031807276	1.719813826	8.04480369	0.432743024	7.1564448	4.2756079	5.8913
4.079579873	1.506524079	10.58803484	0.630715876	4.2233324	1.538672	9.1769045
2.556120588	1.422970795	11.80247149	0.443308425	2.9754365	1.7825326	9.4950404
1.560869818	1.887960294	7.888477564	-0.209556539	2.4642579	1.8141767	7.3798476
5.492461681	2.618366395	8.541697549	0.523279989	6.0510642	2.668656	7.3850061
4.559927989	1.616353649	10.58830187	0.645530883	4.4441405	1.5803404	9.2993251
4.873249802	2.910288306	7.50424763	0.402803381	6.4556922	3.4956974	6.5525226
5.718648166	1.779839701	10.06714743	0.688765658	4.6744544	1.6761333	8.6627974
3.392387809	1.948943468	9.184442744	0.425495086	3.7264491	1.7398112	8.3167676
3.473356947	1.965863095	9.108251997	0.434016392	3.7885528	1.8208963	8.3990474
2.412227993	1.440260713	6.249850476	0.402933422	4.999378	1.7942439	8.14641
2.405214414	1.416293707	7.151698279	0.411156985	3.6949153	1.3898305	8.122449
2.985529594	1.528082202	6.447093908	0.488170472	4.1340819	1.6796607	8.9232302
3.226806982	1.922312938	8.921631231	0.404267764	3.3292862	1.6649518	7.888394
3.531527883	2.051696359	9.138966122	0.419034359	3.6333732	1.7320147	8.3487222
6.846153846	2.923076923	8.322580645	0.573033708	3.5329717	1.7930501	6.980399
4.480438811	2.399158897	9.029989479	0.46452591	4.1898859	2.0874779	7.4396249
3.342580226	1.996480948	8.834353813	0.402712631	3.4251643	1.6900265	7.848056
3.205589606	1.97424429	8.395736439	0.384124441	3.3495469	1.6297407	6.9622651
3.064500654	1.859852776	9.186840654	0.393097609	4.5019132	2.0086036	6.6889854
3.300661408	1.910801444	9.016022541	0.421085289	3.5897442	1.7370315	8.1587734
3.501048655	3.13032103	6.978261533	0.105890452	3.9993904	3.1433438	5.6780545
3.501463639	2.063360872	9.306162961	0.410714751	3.6256158	1.7881352	7.8664215
2.317913095	1.258203176	8.443226497	0.457182765	2.2546113	1.2438861	6.0879032
2.557414444	1.17559635	7.032637112	0.540318405	2.0499317	1.0458252	6.7162004
3.295455276	1.800790878	8.168400514	0.453553234	3.2675011	1.7682056	6.3089161
2.444966278	1.496144901	7.329166199	0.388071355	2.2858509	1.5357287	6.137379

6.720815405	3.268863621	8.317700435	0.513620978	6.6960289	2.8260887	7.4130003
0.384615385	0.307692308	13.7	0.2	0.8571429	0.6071429	11.666667
0.917431193	0.788990826	9.955892034	0.14	1.2897196	0.9626168	12.837644
1.789473684	1.736842105	8.166666667	0.029411765	1.7878788	1.7272727	5.7777778
0.917431193	0.788990826	9.955892034	0.14	1.2678348	0.948217	11.412476
3.133333333	1.8	10.61111111	0.425531915	6.2451731	3.4757466	8.6751499
2.903846154	4.153846154	5.957446809	-0.430463576	7.3924053	3.5331878	6.8031655
9.259318062	5.156466159	7.210081757	0.443105192	8.2733314	3.787624	7.063211
6.646516778	3.658462002	7.557250304	0.449567025	6.4534655	3.2390159	6.7465832
5.29882598	3.559836587	7.566127204	0.328183903	3.9371571	2.7463141	6.9024883
4.984588183	3.648884763	6.480386258	0.267966655	3.879491	3.3259498	5.9553176
7.633593129	3.692639684	7.484554517	0.51626454	7.5022619	3.7157278	6.5955884
6.391945992	3.354467672	7.583741703	0.475204003	6.0248983	3.3575129	6.1286966
8.314944653	4.577963779	6.143264535	0.449429435	6.4595323	3.8421519	6.5975428
7.136416205	3.522293977	6.237247639	0.506433779	4.3089265	2.9393167	5.528031
5.781696471	4.080583316	5.654507117	0.294223878	4.4760798	3.8449792	5.6764006
9.480282841	4.293207407	7.059412722	0.547143532	5.51552	3.3435235	6.077848
7.250539903	3.738904813	7.619229148	0.484327393	6.9282841	3.1800578	6.9419517
6.592099675	3.501849167	7.626242004	0.468780914	6.5820348	3.3147553	6.6486342
7.816346006	3.618308279	7.44473663	0.537084428	7.4481922	3.6008504	6.8594405
7.328661701	3.744997541	7.521906668	0.488992985	7.4769978	3.3827752	6.9002748
6.676170699	3.617837946	7.271999162	0.458096848	6.5596633	3.3685828	6.567967
4.929784157	3.241528212	6.843923359	0.342460418	5.5486829	3.011892	5.4074933
4.989599781	3.254846162	7.476032301	0.347673901	5.5771333	3.0232977	5.4137336
6.626490231	2.953641859	7.211843576	0.55426753	7.2863801	3.1997118	6.6226099
6.573668021	2.750025321	7.395820393	0.58166045	4.0210405	2.6078234	6.2577034
8.239792932	4.567638853	6.827143949	0.445660966	7.4091008	3.9014238	6.240509
3.646548581	2.792300532	8.523792981	0.234262078	2.4122829	1.9947872	6.9148815
3.39139962	1.947452785	8.901263332	0.425767234	3.5642787	1.8101761	8.1163094
7.037509753	3.491659033	7.907173518	0.503850203	6.6446276	3.0235669	7.0917749
4.815756388	2.442770425	7.918098249	0.492754569	5.5195208	2.5416988	6.4532037
4.361504356	2.831697553	7.873680274	0.350752098	5.4356664	2.8286243	6.5945537
3.3590816	2.569814351	8.227231866	0.234965191	4.4798138	2.9780881	6.816167
3.806295039	2.807255602	7.947470694	0.262470309	4.3785675	3.0088755	7.1571281
4.757937623	3.257533217	7.789550919	0.315347641	5.427388	3.2133034	6.4072106
4.955075919	3.396290085	7.287120001	0.314583643	5.6970165	3.2328476	6.9818061
1.72986167	1.054578383	10.57981244	0.390368374	2.0275714	1.1058449	8.3534176
2.833839183	1.296909557	10.07583628	0.542348922	2.5488194	1.2032406	8.4400656
1.181560645	1.152864164	9.086642735	0.02428693	2.5809768	1.4467326	7.4093334
3.208743141	1.324745863	10.06751584	0.587144933	3.2350571	1.3543519	8.3242543
1.924528302	1.245283019	10.40740741	0.352941176	3.5649858	2.0643578	8.199289
0.975	0.725	13.78787879	0.256410256	2.9471909	1.4854804	7.6573161
0.975	0.725	13.78787879	0.256410256	2.9315759	1.5054454	7.3360079
1.239185425	1.247332784	10.43950677	-0.006574771	2.6085683	1.4976138	7.4696843
1.279274522	1.32655008	9.339003969	-0.036954975	2.4912532	1.5538637	7.4566703
1.465943131	0.516709228	13.69419157	0.647524371	2.1375152	0.8277049	8.3205768
3.351129728	1.944673607	9.21398724	0.419696113	3.9391868	1.853374	8.5319684
2.051862933	1.355448563	8.996485608	0.339405892	2.144471	1.2352648	7.7321246

3.549800152	1.445154912	10.05605393	0.592891191	3.9886933	1.6080946	8.4405942
4.030976134	2.160131432	8.659222634	0.464117038	4.0876528	2.1138068	7.2137057
3.59499784	1.37016221	10.22262486	0.61886981	3.4742623	1.3672852	8.3710721
0.929167933	0.665601123	12.89245167	0.28365896	2.4444444	1.7333333	10.7
2.046956256	0.993592127	11.64126954	0.514600215	2.2173059	1.2075772	8.1750199
3.675892587	1.903709707	7.993880083	0.482109539	4.4659348	2.2160231	7.2673581
2.210407189	1.501093738	10.12860258	0.320897188	1.8457248	1.4645835	8.5673086
3.212795505	1.378758992	9.974537683	0.570853797	3.3665644	1.3765892	8.5281574
3.35772764	1.511200333	9.933792898	0.549933617	3.2978856	1.4625595	8.4376108
2.855710043	1.479102997	9.027252179	0.482054209	2.631236	1.429227	8.0690687
3.39557701	1.406575349	9.813095321	0.585762495	3.532026	1.441291	8.2417311
3.634584243	1.599825545	9.33810333	0.559832587	3.5587868	1.5293193	8.2775155
2.275418014	1.205233398	10.73139382	0.470324402	3.2286427	1.6169845	7.5166248
3.104035988	1.358389825	9.762094124	0.562379486	4.0407327	1.6604256	8.1491806
2.178017356	1.085042362	9.955907057	0.501821067	2.0396449	1.0427712	8.5465107
3.411684327	1.419991021	9.527481105	0.58378593	3.4425276	1.3021547	8.7853232
4.258730791	2.171725875	8.333744759	0.490053262	3.0652607	1.5014319	8.5804507
0.363636364	0.272727273	15	0.25	N/A	N/A	N/A
2.702018793	1.254077454	9.362157644	0.535873896	2.6924878	1.5772859	10.160142
4.917872496	2.516867319	7.687897709	0.488220298	4.8586139	2.9319009	6.1665179
3.272569738	1.671775971	9.18611401	0.489154974	2.9475285	1.7062141	8.4756622
4.279529931	2.02274979	7.737158378	0.527342997	3.2373791	1.931018	9.4085699
1.395655036	2.30121858	9.460804492	-0.648844822	0.8076923	0.8076923	8.7368421
2.238269364	1.921444906	9.14799959	0.141548852	3.20625	1.059375	5.4680851
3.30262479	2.891286634	8.260440404	0.124548861	4.695122	3.2439024	5.9302326
1.517015931	2.186707291	9.20203256	-0.441453083	N/A	N/A	N/A
1.02166397	1.261377341	10.94129604	-0.234630347	2.1560598	1.204568	8.366531
1.512419642	2.181813283	9.225248268	-0.442597823	N/A	N/A	N/A
1.395001613	2.310852951	9.452543872	-0.656523498	0.8076923	0.8076923	8.7368421
3.532737854	1.507883408	9.575684755	0.57316861	3.4079451	1.4600938	8.5406599
2.272977705	1.356955679	10.02083887	0.403005284	2.3853957	1.2010022	7.9945585
2.455100781	1.287092896	9.644397361	0.475747429	2.5354593	1.3529569	8.0687282
2.77119082	1.441258214	9.159477252	0.47991376	2.8165673	1.3707696	8.2413771
1.707311495	1.094058585	10.5147486	0.359192164	1.979764	1.1439148	7.9738095
3.683990352	1.458558853	9.907856956	0.604081793	3.72905	1.5597578	8.3832692
3.146362627	1.264634537	10.22579423	0.598064595	2.97702	1.2222564	8.5731718
3.293699018	1.315847671	9.896881905	0.600495472	3.1427677	1.2098095	8.4420342
1.83179656	1.007046632	7.219473424	0.450241007	1.2370619	0.8932506	7.5330876
3.01999471	1.504763007	8.849516416	0.501733231	3.2653665	1.5043315	7.9322514
1.553707167	1.155301737	8.755796884	0.25642247	1.5348891	1.0318631	8.6526162
2.197039824	1.29512856	8.848220424	0.410512024	2.7717857	1.4206701	8.3230463
3.287761244	1.746292108	7.979883343	0.468850693	3.7517904	1.9370705	8.4493333
2.809915823	1.581687622	8.490473762	0.43710498	3.1592151	1.4718669	9.6812325
2.351634379	1.476236956	8.63141496	0.372250649	3.1388888	1.4797747	8.7728803
1.365384615	1.230769231	8.888888889	0.098591549	3.1428571	1.5	6.877551
1.365384615	1.230769231	8.888888889	0.098591549	3.1428571	1.5	6.877551
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1.111086533	0.573943503	10.57052702	0.483439421	1.6079269	0.7863547	9.9156048
7.469755104	3.394106588	8.136727793	0.545620099	7.6899932	2.9179473	7.58636
6.607323622	3.033340119	8.350169142	0.540912434	7.1711517	2.7310291	7.7116247
1.128403553	0.687389746	12.59034898	0.390829864	2.0866761	1.0486305	10.543907
1.763721276	0.835103531	12.59082518	0.526510485	2.1593977	1.0852192	8.4721735
2.414878415	1.13484923	11.10322349	0.530059475	2.4518866	1.1018104	8.7288949
2.629862774	1.23757271	9.944042467	0.529415481	2.6126509	1.3250694	8.3112532
4.63032247	2.061031285	9.157719286	0.554883856	4.5113019	1.8903873	7.497272
1.220276402	1.303642766	8.249840702	-0.068317608	2.4135134	1.4989054	8.1297574
3.131093834	1.718622288	10.3881972	0.451111216	3.187007	1.4328439	7.8900539
1.077964838	1.044574617	11.05742409	0.030975241	1.9475482	1.2387183	9.326859
5.263827998	1.829010049	10.01891529	0.65253233	4.4705416	1.6419451	8.6399066
1.75	2.434782609	7.135135135	-0.391304348	N/A	N/A	N/A
3.742937027	2.002959057	10.88971162	0.464869689	1.6097883	0.8903492	8.5590964
0.918918919	1.054054054	11.69230769	-0.147058824	0.9431818	0.4659091	10.341463
3.307172106	1.74983483	7.963226589	0.470896956	3.7747403	1.950374	8.4082183
1.183603	0.625351742	11.656586	0.471654143	1.8257957	0.8719128	12.646324
1.201010882	0.600837052	12.7986316	0.49972389	1.8779148	0.9966806	11.121458
2.516383786	1.768819033	8.717519561	0.29707899	2.4881551	1.6324612	7.6833165
1.278230235	1.324462995	9.345085541	-0.036169353	2.3732639	1.5081977	7.5222644
N/A	N/A	N/A	N/A	N/A	N/A	N/A
5.475032275	2.168983457	9.377406155	0.603840973	4.3823032	1.693118	8.7706457
5.067413433	3.230852566	7.108690255	0.362425701	0	2.9874476	5.531381
2.451336567	1.181403683	9.973951624	0.518057333	2.4257415	1.2694365	7.4258187
2.270122503	1.822007164	8.468716291	0.197396986	2.498912	2.0428669	5.684597
29.05769231	7.346153846	7.24	0.747187293	N/A	N/A	N/A
6.649122807	2.789473684	8.259259259	0.580474934	5.9666667	3.5666667	6.8333333
7.820512821	3.461538462	6.923076923	0.557377049	2.7301587	2.0952381	6.2666667
7.756756757	4.567567568	6	0.411149826	5.1111111	2.8	7.4
28.73913043	7.623188406	7.485294118	0.734745335	31.387097	6.6451613	5.3870968
7.72	3.24	7.98	0.580310881	9.9756098	3.9756098	6.1707317
N/A	N/A	N/A	N/A	N/A	N/A	N/A
7.309090909	2.563636364	9.791666667	0.649253731	6.0384615	3.1730769	7.4090909
8.5	2.421052632	9.702702703	0.715170279	9.0294118	5.4117647	7.1875
3.722222222	3.388888889	8.970588235	0.089552239	5.8666667	2.4888889	6.3170732
2.431372549	2.078431373	7.568181818	0.14516129	5.3191489	2.7659574	8
5.441860465	3.88372093	6.880952381	0.286324786	7.875	5.1875	7.09375
5.448275862	3.534482759	6.816326531	0.351265823	N/A	N/A	N/A
2.96969697	1.5	7.880952381	0.494897959	3.6271186	2.0677966	5.8448276
9.150943396	4.849056604	5.875	0.470103093	N/A	N/A	N/A
7.833333333	2.574074074	7.773584906	0.671394799	9.3513514	3.8108108	8.8378378
2.622222222	2.244444444	8.8	0.144067797	2.7169811	2.9433962	7.3396226
3.898305085	2.779661017	6.79245283	0.286956522	3.3529412	2.0392157	6.0930233
3.233333333	1.75	8.527272727	0.458762887	3.5151515	2.3636364	7.4848485
2.527027027	3.432432432	6.098591549	-0.35828877	N/A	N/A	N/A
4.756756757	3.135135135	4.861111111	0.340909091	N/A	N/A	N/A
4.785714286	4.833333333	6.075	-0.009950249	5.125	3.575	6.925
4.784313725	3.117647059	7.772727273	0.348360656	3.9090909	2.9772727	7.5238095

4.741935484	3.35483871	6.8	0.292517007	6.025641	4.0512821	5.4848485
10.37689994	3.840992038	7.322385146	0.629851684	9.0542302	3.846268	7.2809251
7.925311322	3.807071913	7.963565587	0.519631247	7.5270522	3.1215986	7.3049115
2.269230769	1.346153846	9.146341463	0.406779661	2.5238095	1.4047619	8.0909091
5.5	2.541666667	9.489361702	0.537878788	8.7968277	3.4897908	7.1623446
6.55	3.266666667	6.589285714	0.501272265	6.5822656	3.0327176	7.110187
3.373333333	2.413333333	7.942307692	0.28458498	1.6373626	1.5714286	6.974359
3.166666667	1.939393939	7.681818182	0.387559809	6.9299337	3.0915738	7.0344556
5.68852459	3.524590164	7.379310345	0.380403458	N/A	N/A	N/A
7.396551724	2.637931034	7.733333333	0.643356643	7.4967779	3.0015842	7.4460872
6.040816327	2.428571429	7.333333333	0.597972973	N/A	N/A	N/A
7.668602399	3.514277174	8.127119178	0.541731727	8.0943318	3.2852101	7.1733588
5.833333333	4.277777778	4.303030303	0.266666667	8.0996716	3.237059	7.3453227
2.619047619	3.261904762	10.2	-0.245454545	6.2380952	4.5	6.7142857
6.62745098	4.843137255	6.760869565	0.269230769	6.8541667	3.2083333	6.1282051
4.978723404	2.70212766	7.75	0.457264957	N/A	N/A	N/A
2.207792208	1.779220779	9.228571429	0.194117647	1.969697	1.7272727	7.25
5.755555556	3.6	7.783783784	0.374517375	4.6103729	3.0181716	6.5908598
5.878787879	1.606060606	9.274509804	0.726804124	10.344828	3.637931	7.3333333
1.776315789	1.026315789	14.53061224	0.422222222	1.6017699	0.6902655	13.585714
14.63793103	4.724137931	5.947368421	0.677267373	19.117647	4.9411765	6.3333333
9.215384615	1.984615385	8.033898305	0.784641068	9.8333333	3.0277778	5.7272727
5.517241379	1.793103448	11.23529412	0.675	4.8730159	1.8253968	8.6481481
9.907407407	1.814814815	10.35714286	0.81682243	20.056604	3.2075472	8.6304348
20.35	3.683333333	8.660377358	0.819000819	25.473684	3.5438596	9.7391304
17.59574468	4.978723404	9.975609756	0.717049577	5.9754268	2.3792712	7.6989692
3.342105263	1.368421053	10.36363636	0.590551181	4.7108434	1.3493976	10.170732
5.36	1.5	11.63636364	0.720149254	N/A	N/A	N/A
10	3.867647059	8	0.613235294	15.456668	3.6281717	7.56274
8.169230769	2.584615385	8.266666667	0.683615819	5.8214424	2.3286865	7.9552199
7.654545455	2.181818182	10.95555556	0.714964371	6.2244423	2.4290258	8.2244517
4.282608696	1.184782609	10.72093023	0.723350254	5.7160494	1.9012346	8.5365854
8.837209302	3.209302326	8.382352941	0.636842105	21.238095	5.952381	7.5405405
N/A	N/A	N/A	N/A	2.1111111	1.0246914	10.377049
2.38	1.42	11.77777778	0.403361345	2.5	1.1190476	9.4242424
4.024390244	2.329268293	6.8	0.421212121	5.373494	2.3855422	6.6666667
2.388349515	1.116504854	9.384615385	0.532520325	6.9711538	1.8269231	6.1818182
3.260869565	1.543478261	6.441176471	0.526666667	N/A	N/A	N/A
3.79245283	1.943396226	9.568181818	0.487562189	4.4444444	2.037037	7.6578947
1.766233766	1.194805195	11.50980392	0.323529412	2.0652174	1.0652174	9.9761905
3.133333333	1.8	10.61111111	0.425531915	5.9374269	2.3962787	8.5830971
6.925925926	3.111111111	8.428571429	0.550802139	8.1388889	3.8888889	7.3428571
2.310344828	1.293103448	10.18867925	0.440298507	3.0641026	1.4230769	8.1730769
2.538461538	1.333333333	8.594594595	0.474747475	3.6949153	1.3898305	8.122449
2.043010753	0.924731183	11.47272727	0.547368421	1.9569892	1.0215054	11.526316
2.529411765	1.294117647	9.30952381	0.488372093	2.8851351	1.4527027	8.5196078
1.736842105	0.921052632	12.25	0.46969697	3.6788991	1.7706422	7.76
1.368421053	0.543859649	13.89473684	0.602564103	0.9693878	0.5102041	12.886792

0.695652174	0.47826087	17.69444444	0.3125	1.5980392	0.754902	13.196429
0.770491803	0.540983607	12.72727273	0.29787234	1.3877551	0.8571429	9.0882353
0.901515152	0.651515152	11.13043478	0.277310924	1.3214286	0.6642857	8.8723404
2.727272727	1.681818182	10.05555556	0.383333333	3.9302326	1.7906977	7.8
3.675675676	1.756756757	9.575757576	0.522058824	3.66	1.82	6.5106383
11.08	3.44	8.239130435	0.689530686	8.8557692	2.7980769	7.8533333
10.83333333	7.685185185	8.47826087	0.290598291	7.9952589	3.1074464	7.4742206
9.044444444	3.8	6.525	0.57985258	13.57377	6.5737705	6.1785714
8.701754386	5.052631579	7.510638298	0.419354839	8.7948718	2.9230769	7.6363636
9.155555556	6.177777778	7.871794872	0.325242718	8.9442325	3.4309117	7.4107729
6.163265306	3.183673469	9.204545455	0.483443709	7.8095238	3.4920635	7.4423077
7.46875	5.21875	6.71875	0.30125523	7.9251292	3.2154994	7.2200614
4.31147541	2.557377049	8.034482759	0.406844106	6.3695652	3.2608696	7.255814
4.723964395	2.428489318	8.829342894	0.485921333	2.4173913	1.1652174	10.211765
4.568627451	2.274509804	8.675	0.502145923	6.0425532	2.6382979	9.2
3.666666667	2.298850575	8.047619048	0.373040752	3.8722469	1.8737001	7.3730191
3.609756098	2.073170732	8.029411765	0.425675676	2.6578947	2.1315789	5.5294118
3.422413793	2.120689655	6.490196078	0.380352645	4.3835616	2.4246575	7.8378378
10.29577465	2.408450704	7.953125	0.766073871	8.0869565	3.7173913	7.825
2.896551724	1.568965517	7.770833333	0.458333333	7.3777778	4.3333333	4.9545455
1.890625	1.234375	13.09803922	0.347107438	1.9206349	1.1269841	9.8285714
3.811320755	2.301886792	9.803921569	0.396039604	7.7413793	2.8965517	8.9545455
6.151515152	1.757575758	9.958333333	0.714285714	4.2820513	1.5128205	7.5151515
4.484848485	2.03030303	7.6	0.547297297	6.0793466	2.373175	8.0594168
N/A	N/A	N/A	N/A	N/A	N/A	N/A
4.25	2.839285714	7.62962963	0.331932773	N/A	N/A	N/A
2.118811881	1.445544554	10.78571429	0.317757009	1.7462687	1.0149254	10.46875
26.55	13.21666667	7.017857143	0.502197112	17.8	7.7111111	5.675
1.136363636	0.522727273	13.0625	0.54	1.9456522	1.2608696	11.213115
1.423076923	0.519230769	11.43243243	0.635135135	1.8730159	0.6349206	13
1.797297297	0.581081081	12.46153846	0.676691729	1.981982	0.8558559	9.8703704
1.00990099	0.584158416	12.97297297	0.421568627	4.3848921	1.6429142	9.0745541
4.849056604	1.660377358	9.257142857	0.657587549	2.6888889	1.3666667	9.7073171
4.187099606	1.62500356	10.29766656	0.61190234	1.1060606	0.7575758	11.264151
0.648148148	0.333333333	12.6744186	0.485714286	1.0322581	0.6612903	15.105263
1.466666667	0.983333333	10.84615385	0.329545455	2.5714286	1.3174603	9.8
0.505154639	0.391752577	14.78846154	0.224489796	0.7669903	0.5825243	10.942029
3.42	1.14	12.0625	0.666666667	2.2947368	1.1052632	9.3829787
0.523255814	0.441860465	11.95238095	0.155555556	1.5205479	1.0136986	10.96
0.786666667	0.586666667	13.25531915	0.254237288	2.2089552	1.0597015	9.3793103
N/A	N/A	N/A	N/A	1.688172	0.9462366	8.2777778
2.246376812	1.115942029	11.19444444	0.503225806	2.6413043	1.3152174	9.2745098
3.720930233	1.604651163	9.594594595	0.56875	2.4852321	1.0548523	7.9295775
0.975	0.725	13.78787879	0.256410256	2.8345324	1.4316547	9.2212389
1.677966102	1.084745763	11.75675676	0.353535354	3.1363636	2.0454545	9.2653061
2.229508197	1.737704918	8.943396226	0.220588235	2.3770492	1.4098361	11.086957
3.418181818	1.418181818	8.0625	0.585106383	3.9642857	1.5357143	8.3529412
1.365384615	1.230769231	8.888888889	0.098591549	3.1428571	1.5	6.877551

4.815384615	1.984615385	7.310344828	0.587859425	5.32	2.7466667	7.2173913
2.589285714	1.821428571	7.568627451	0.296551724	3.0338983	1.8813559	7.0714286
2.036363636	2.490909091	5.432432432	-0.223214286	2.5	2.0757576	7.2307692
2.263736264	1.197802198	12.50943396	0.470873786	1.5416667	1.1805556	9.244898
1.769230769	1.333333333	7.105263158	0.246376812	2.3333333	1.7727273	6.5689655
3.41509434	0.943396226	11.29545455	0.723756906	1.8529412	1.1617647	11.208333
1.268292683	0.743902439	12.85	0.413461538	1.9803922	1.0588235	10.74359
1.602739726	1.95890411	7.153846154	-0.222222222	2.0192308	1.6538462	6.9756098
1.507246377	1.797101449	8.777777778	-0.192307692	3.1372549	2.0980392	7.2571429
2.12195122	1.292682927	9.264705882	0.390804598	N/A	N/A	N/A
3.885714286	1.657142857	6.342857143	0.573529412	4.4247788	1.8495575	7.2045455
4.303030303	2.439393939	6.854166667	0.433098592	5.1702128	3.2978723	7.2439024
6.166666667	5.037037037	6.581395349	0.183183183	5.3855422	2.3975904	7.5918367
6.258426966	2.719101124	7.42	0.565529623	4.2307692	1.8290598	7.8461538
1.91588785	1.14953271	8.707317073	0.4	3.1484375	1.4921875	6.5961538
2.013157895	1.25	8.638888889	0.379084967	2.293578	1.7155963	5.5416667
2.592920354	1.805309735	8.815789474	0.303754266	3.20625	1.059375	5.4680851
2.322580645	1.467741935	5.729166667	0.368055556	N/A	N/A	N/A
3.366013072	3.326797386	5.844827586	0.011650485	3.0728484	1.5639746	8.4147232
3.185185185	1.856481481	5.55	0.417151163	2.2867384	1.1792115	7.8888889
2.862348178	1.570850202	9	0.451202263	2.3870968	1.156682	7.5681818
4.904255319	2.787234043	6.271186441	0.431670282	1.8695652	2.4927536	6.0714286
0.924528302	2.905660377	6	-2.142857143	0.9666667	3.5	5.5
4.042857143	3.057142857	6.507246377	0.243816254	4.2307692	3.7948718	8.6666667
0.803738318	2.476635514	6.147058824	-2.081395349	0.7151899	2.1265823	5.2241379
2.491428571	1.142857143	8.08	0.541284404	2.0548523	1.0464135	6.9354839
3.207792208	1.415584416	8.245614035	0.558704453	3.442623	1.5081967	8.7
1.732394366	1.183098592	9.644067797	0.317073171	2.3469388	2	6.4722222
0.874074074	0.733333333	9.040816327	0.161016949	N/A	N/A	N/A
3.166666667	1.388888889	8.88	0.561403509	5.0769231	2.6153846	6
5.863636364	3.909090909	7.238095238	0.333333333	4.9534884	3.5813953	7.9117647
3.589285714	4.392857143	5.553571429	-0.223880597	6.8947368	4.2105263	5.6216216
2.606060606	1.878787879	6.818181818	0.279069767	3.2909091	1.7636364	5.0181818
3.431372549	3.725490196	5.869565217	-0.085714286	6.627907	5.372093	5.2162162
3.465517241	2.120689655	6.339622642	0.388059701	2.5306122	2.9795918	5.9047619
9.394366197	5.309859155	6.641791045	0.434782609	3.9423077	4.8846154	5.85
11.21212121	12.75757576	4.155555556	-0.137837838	10.904762	8.3095238	4.8666667
1.455284553	3.56097561	4.65	-1.446927374	5.238405	3.2996603	6.4058575
3.254237288	5.050847458	4.892857143	-0.552083333	4.295082	3.5737705	4.2040816
9.823529412	5.745098039	4.489361702	0.415169661	1.8550725	4.173913	4.5263158
15.40625	6.328125	5.393442623	0.589249493	7.3541667	5.1041667	5.5238095
10.48101266	2.455696203	7.85915493	0.765700483	8.8604651	3.6511628	6.4054054
6.020833333	4.395833333	5.479166667	0.269896194	N/A	N/A	N/A
5.833333333	3.033333333	6.705882353	0.48	3.3377491	3.0650821	5.5241589
1.62745098	1.215686275	9.772727273	0.253012048	3.4444444	1.8333333	7.7058824
14.27083333	7.729166667	5.794871795	0.458394161	N/A	N/A	N/A
2.975609756	2.170731707	7.457142857	0.270491803	4.7111111	1.9333333	5.3571429
0.934210526	4.013157895	5.475	-3.295774648	N/A	N/A	N/A

1.967889908	0.922018349	10.96226415	0.531468531	1.7021277	1.0425532	10.116279
1.583098592	1.315492958	6.411764706	0.169039146	1.8352941	1.0411765	6
3.804347826	1.847826087	9.463414634	0.514285714	2.6607143	1.6785714	8.8
8.475862069	4.172413793	5.793103448	0.507729862	4.6458333	2.8819444	5.3863636
1.475206612	0.921487603	4.933333333	0.37535014	1.0669145	0.8066914	7.2553191
6.666666667	2.921052632	6.7	0.561842105	6.552381	4.0571429	4.32
3.981651376	1.403669725	8.469387755	0.647465438	4.1734694	2.2142857	7.6938776
5.8	3.875	6.290322581	0.331896552	4.695122	3.2439024	5.9302326
1.75	2.434782609	7.135135135	-0.391304348	N/A	N/A	N/A
3.356164384	1.554794521	7.340909091	0.536734694	3.3784319	1.4369492	8.4820125
1.054945055	0.706959707	9.274509804	0.329861111	1.0054645	0.7240437	8.8958333
10.5	3	5	0.714285714	8.5555556	4.8888889	10.222222
8.25	4	6	0.515151515	1.6666667	1	6.5
4.527777778	2.444444444	7.25	0.460122699	5.2	2.5	6.7631579
1.936170213	1.276595745	9.823529412	0.340659341	N/A	N/A	N/A
5.696969697	2.939393939	10.12903226	0.484042553	N/A	N/A	N/A
18.51351351	4.351351351	9.545454545	0.764963504	N/A	N/A	N/A
11.43103448	4.137931034	7.215686275	0.63800905	13.801887	4.0566038	6.1911765
0.916666667	0.601851852	12.07272727	0.343434343	2.2168675	1.0361446	10.145833
1.794871795	1.230769231	10.5	0.314285714	2.7021277	1.287234	7.625
1.140625	0.8125	10.6	0.287671233	N/A	N/A	N/A
2.663934426	1.795081967	5.315789474	0.326153846	3.8923077	2.7076923	4.7804878
0.987951807	0.879518072	10.87096774	0.109756098	N/A	N/A	N/A
2.340425532	3.404255319	5.25	-0.454545455	N/A	N/A	N/A
N/A	N/A	N/A	N/A	9.5	6.5	5.5
N/A	N/A	N/A	N/A	9.5	6.5	5.5
N/A	N/A	N/A	N/A	9.5	6.5	5.5
N/A	N/A	N/A	N/A	18	2.5	5
N/A	N/A	N/A	N/A	1.6451613	0.9193548	9.0277778

Relative change over one year

suitability_g ap_2022	qualified_per _vacancy_ 24vs23	suitable_per_ vacancy_24v s23	vacancy_dur ation_week_ 24vs23
0.5034367	29%	13%	-3%
0.5339841	18%	5%	-11%
0.5207451	15%	-12%	48%
0.5041916	16%	6%	-47%
0.4808292	21%	12%	-52%
0.5429566	27%	49%	-28%
0.5719251	34%	42%	-39%
0.5607089	27%	6%	-6%
0.5964311	26%	17%	-50%
0.32055	-49%	-20%	115%
0.3504275	4%	17%	-4%
0.5062544	23%	27%	-53%
0.556573	30%	43%	-21%
0.534279	36%	57%	-50%
0.4625	-24%	-81%	-8%
0.5594581	49%	60%	-48%
0.5267977	42%	50%	-50%
0.53319	97%	93%	-171%
0.4026463	72%	91%	-217%
0.5431504	57%	84%	-9%
0.5855191	64%	88%	-169%
0.5406076	51%	83%	-30%
0.6233786	46%	23%	-67%
0.6044596	58%	62%	-39%
0.4376078	54%	71%	-93%
0.5913265	45%	74%	-72%
0.5908931	35%	30%	-45%
0.6316277	46%	7%	-44%
0.3965078	55%	99%	-82%
0.6360629	40%	65%	-11%
0.6265806	37%	50%	-19%
0.6025619	45%	63%	-12%
0.570254	30%	49%	-17%
0.6283627	37%	51%	-18%
0.598	39%	42%	-9%
0.5168121	41%	25%	-11%
0.5871401	23%	31%	-21%
0.6421794	38%	41%	-19%
0.6031629	209%	238%	-30%
0.6287694	49%	19%	11%

0.5620934	60%	97%	-67%
0.5935711	74%	78%	-4%
0.5495046	25%	-3%	-4%
0.5753851	39%	53%	-34%
0.5762957	51%	38%	-32%
0.6276172	80%	87%	-2%
0.5811931	71%	79%	-65%
0.5033412	240%	21%	271%
0.503393	240%	21%	271%
0.8273501	-1%	-63%	205%
0.5033512	240%	21%	271%
0.8130101	8%	-72%	41%
0.767084	35%	27%	22%
0.634609	27%	49%	-114%
0.6894868	163%	181%	-137%
0.6778918	32%	23%	-69%
0.6519034	76%	116%	8%
0.5888024	45%	47%	-36%
0.6140832	49%	85%	-45%
0.6417822	43%	3%	-38%
0.6408985	48%	42%	-40%
0.6369816	38%	32%	-44%
0.606722	45%	41%	-3%
0.6961832	40%	38%	-35%
0.616714	45%	42%	-8%
0.6383779	41%	58%	-17%
0.60767	49%	43%	-34%
0.6074301	50%	58%	-39%
0.5955074	-28%	117%	-112%
0.6529162	38%	38%	-30%
0.6908477	27%	11%	0%
0.6559463	40%	18%	-7%
0.6163454	44%	39%	-35%
0.6809568	42%	38%	-73%
0.6462189	38%	38%	-48%
0.5825463	26%	63%	-96%
0.6348819	23%	31%	383%
0.6101584	45%	62%	87%
0.738052	36%	64%	31%
0.7478188	35%	43%	117%
0.6972603	34%	60%	42%
0.7118902	22%	102%	147%
0.7361765	50%	168%	181%
0.672789	30%	68%	142%
0.6380477	51%	53%	-82%
0.633409	44%	39%	2%
0.6195616	119%	142%	-415%
0.7585717	42%	37%	-216%

0.5293335	-8%	-28%	41%
0.5711294	13%	-12%	-89%
0.5832434	8%	-20%	-16%
0.6446152	-21%	-31%	-83%
0.5840723	5%	-21%	-62%
0.5987586	3%	10%	-124%
0.5188213	41%	33%	-87%
0.5311739	-4%	-28%	96%
0.5273857	-3%	-27%	84%
0.5575799	2%	-5%	67%
0.5068031	-5%	-19%	79%
0.5855263	1%	-11%	62%
0.4956552	-4%	-29%	-37%
0.5889576	1%	-17%	53%
0.558143	3%	-8%	61%
0.5578216	4%	-7%	37%
0.4647887	-2%	-20%	84%
0.5074013	-8%	-24%	41%
0.5071169	-8%	-26%	33%
0.5496746	-4%	-16%	60%
0.5295078	-8%	-26%	53%
0.5345351	-7%	-28%	63%
0.552304	-3%	-15%	86%
0.5059288	-7%	-24%	35%
0.5318069	-9%	-28%	65%
0.5445965	-1%	-14%	89%
0.5475173	-7%	-18%	66%
0.5284503	-6%	-26%	100%
0.5483479	7%	-24%	8%
0.5084375	-6%	-25%	34%
0.526009	-1%	-24%	60%
0.5412841	4%	-20%	17%
0.5231549	3%	-18%	26%
0.5060276	-9%	-27%	56%
0.5275114	2%	-22%	32%
0.5303721	1%	-24%	34%
0.5070249	-10%	-24%	63%
0.506906	-6%	-24%	40%
0.5340238	-6%	-21%	51%
0.504433	-12%	-27%	88%
0.5278372	-9%	-23%	88%
0.5190446	-2%	-24%	54%
0.6060009	35%	-8%	-46%
0.5917797	40%	40%	-40%
0.6180758	37%	25%	-29%
0.6597714	37%	-3%	-33%
0.6395033	31%	1%	-31%
0.5976681	42%	44%	-24%

0.604752	36%	29%	-30%
0.5997606	35%	34%	-28%
0.6192692	-13%	15%	108%
0.5492426	37%	32%	-63%
0.5405291	4%	-15%	-54%
0.4997786	11%	-27%	-16%
0.527584	15%	-13%	-56%
0.4983165	22%	10%	-48%
0.5706208	17%	1%	-37%
0.6162003	50%	35%	-25%
0.2077049	-40%	-21%	817%
0.368926	46%	50%	-185%
0.0363636	-40%	-21%	817%
0.4537487	30%	23%	-43%
0.5217673	-8%	-21%	92%
0.5238903	-11%	-32%	104%
0.4866667	-67%	-404%	278%
0.5004454	-13%	-31%	103%
0.5236696	-11%	-34%	111%
0.6513215	-3%	-22%	18%
0.620946	57%	63%	-92%
0.6481301	33%	66%	-161%
0.5859857	130%	135%	-141%
0.5870202	36%	35%	-26%
0.594732	38%	29%	5%
0.6217454	33%	12%	-16%
0.6022615	34%	20%	4%
0.6147463	36%	11%	-14%
0.5811553	33%	-11%	-40%
0.6159722	5%	5%	112%
0.6321271	5%	-5%	79%
0.6419583	-2%	-12%	48%
0.5942329	21%	17%	161%
0.6294686	10%	2%	38%
0.6036036	137%	31%	-278%
0.519733	32%	30%	26%
0.6661231	3%	-11%	65%
0.6273313	15%	13%	23%
0.505987	45%	28%	83%
0.6266482	17%	-2%	73%
0.6176188	15%	17%	16%
0.5950828	27%	25%	14%
0.4745763	41%	31%	-40%
0.5896633	25%	25%	-26%
0.5446009	44%	28%	6%
0.3287037	398%	97%	-378%
0.6105133	22%	13%	-56%
0.6072523	5%	10%	53%

0.4815657	30%	25%	-47%
0.6179599	29%	16%	-3%
0.6042706	28%	32%	10%
0.5993912	29%	8%	15%
0.4395547	7%	50%	-216%
0.5924244	39%	26%	-3%
0.5872426	25%	-24%	-27%
0.6202498	23%	34%	-77%
0.6216234	15%	13%	31%
0.6368597	17%	-51%	-31%
0.5060241	-26%	-4%	-37%
0.4021616	39%	22%	-134%
0.6070945	31%	62%	-71%
0.4550023	-10%	12%	-19%
0.4997767	67%	41%	-49%
0.4967894	9%	29%	-408%
0.4455011	5%	14%	23%
0.6077934	31%	30%	-5%
0.1861123	48%	34%	-63%
0.4741566	18%	45%	-67%
0.3923506	6%	49%	-323%
0.4025514	68%	88%	-142%
0.6356735	1%	-4%	13%
0.4009173	2%	42%	-267%
0.263804	29%	52%	-210%
0.5589774	38%	38%	-71%
0.6443991	5%	6%	11%
0.4585093	57%	91%	-132%
0.641427	-2%	7%	42%
0.5331182	0%	-27%	60%
0.5193689	-7%	-29%	84%
0.6411066	28%	75%	458%
0.6238532	35%	95%	82%
0.5937041	4%	40%	242%
0.4999073	2%	-25%	-33%
0.5233039	7%	-20%	-26%
0.492481	-40%	-88%	-40%
0.5017817	0%	-31%	-151%
0.5065853	6%	-21%	-29%
0.5134444	4%	-32%	-43%
0.5538333	1%	-14%	-105%
0.5161127	2%	-19%	33%
0.2140443	56%	91%	-94%
0.5068051	4%	-20%	-137%
0.4482924	133%	198%	139%
0.4898244	173%	268%	-49%
0.4588508	55%	126%	-81%
0.3281588	26%	88%	70%

0.5779456	42%	49%	-41%
0.2916667	-9%	-5%	-40%
0.2536232	66%	34%	-150%
0.0338983	2%	26%	-154%
0.2520973	66%	34%	-150%
0.4434507	46%	58%	-37%
0.5220517	232%	40%	109%
0.5421888	30%	24%	-31%
0.4980967	26%	29%	-48%
0.3024627	-9%	-3%	3%
0.142684	-2%	47%	-40%
0.504719	12%	62%	-48%
0.442727	9%	65%	-24%
0.4051966	43%	145%	-43%
0.3178541	-37%	-125%	-63%
0.140994	-3%	5%	-32%
0.3937972	-27%	-118%	39%
0.5410036	27%	34%	-31%
0.4963935	21%	51%	-35%
0.5165471	7%	20%	-22%
0.5475757	20%	21%	-19%
0.4864702	21%	33%	-39%
0.4571879	43%	152%	47%
0.4579119	42%	152%	-17%
0.560864	37%	112%	-27%
0.3514556	-33%	-17%	-64%
0.4734282	34%	92%	-44%
0.1730708	-6%	82%	-101%
0.492134	-13%	-31%	101%
0.5449607	23%	26%	-43%
0.5395074	87%	68%	34%
0.4796177	74%	90%	-2%
0.3352206	108%	117%	-105%
0.3128174	34%	38%	-44%
0.4079466	44%	48%	-57%
0.4325367	33%	12%	8%
0.4545963	9%	21%	-34%
0.5279224	15%	27%	20%
0.4394632	68%	70%	-34%
0.5813515	34%	32%	14%
0.4209352	-25%	28%	-246%
0.4959674	107%	45%	-22%
0.4864723	107%	45%	-22%
0.4258867	75%	66%	-183%
0.3762723	75%	86%	-55%
0.6127724	4%	22%	107%
0.5295034	1%	-17%	91%
0.4239769	59%	33%	32%

0.5968367	40%	37%	20%
0.4828801	60%	79%	-78%
0.6064531	33%	23%	28%
0.2909091	16%	46%	-394%
0.4553854	-4%	17%	-73%
0.5037941	61%	116%	-43%
0.2064995	-27%	18%	-256%
0.5910997	33%	26%	-14%
0.556516	33%	27%	-44%
0.456823	41%	30%	42%
0.5919365	31%	25%	-18%
0.5702695	28%	20%	39%
0.4991751	84%	52%	-35%
0.5890781	71%	49%	-72%
0.4887486	17%	9%	59%
0.6217446	17%	24%	-72%
0.5101781	148%	107%	71%
N/A	119%	122%	-980%
0.4141901	61%	30%	189%
0.3965561	105%	144%	-99%
0.4211374	63%	44%	4%
0.4035243	81%	63%	188%
0	66%	-17%	-293%
0.6695906	71%	6%	-350%
0.3090909	4%	-20%	-286%
N/A	50%	-3%	-409%
0.4413105	116%	63%	-104%
N/A	50%	-2%	-413%
0	66%	-18%	-285%
0.5715618	31%	27%	32%
0.4965187	7%	22%	-46%
0.4663859	24%	22%	-46%
0.5133191	14%	30%	31%
0.4221964	39%	27%	-30%
0.5817278	33%	37%	-37%
0.5894363	26%	17%	66%
0.6150497	21%	15%	40%
0.2779257	31%	49%	141%
0.539307	29%	24%	16%
0.3277279	36%	42%	-7%
0.4874531	63%	40%	27%
0.4836944	48%	39%	69%
0.5341036	20%	-23%	180%
0.5285673	26%	-17%	136%
0.5227273	34%	-4%	42%
0.5227273	34%	-4%	42%
0.5227273	34%	-4%	42%
0.5227273	34%	-4%	42%

0.5109512	3%	2%	304%
0.6205527	33%	29%	-3%
0.6191645	31%	17%	-14%
0.4974637	40%	24%	-14%
0.4974435	9%	29%	-410%
0.5506275	17%	14%	-82%
0.4928257	43%	36%	17%
0.5809664	-12%	13%	8%
0.3789529	83%	89%	54%
0.5504108	-5%	17%	-93%
0.3639602	67%	51%	-44%
0.632719	6%	20%	-3%
N/A	15%	-27%	-67%
0.4469153	-33%	-106%	-31%
0.5060241	2%	-45%	120%
0.4833091	48%	40%	66%
0.5224478	11%	9%	112%
0.4692621	8%	7%	225%
0.343907	43%	29%	-100%
0.3645048	75%	87%	-172%
N/A	#VALUE!	#VALUE!	#VALUE!
0.6136465	9%	12%	10%
-Inf	-9%	-110%	-56%
0.476681	38%	27%	-45%
0.1824974	50%	48%	-175%
N/A	-28%	35%	23%
0.4022346	-20%	15%	-52%
0.2325581	87%	193%	-111%
0.4521739	10%	-14%	-23%
0.7882837	-10%	-156%	-75%
0.601467	54%	89%	-134%
N/A	#VALUE!	#VALUE!	#VALUE!
0.4745223	16%	79%	-277%
0.4006515	66%	84%	-110%
0.5757576	233%	18%	-223%
0.48	127%	98%	143%
0.3412698	75%	-29%	-16%
N/A	143%	34%	162%
0.4299065	46%	46%	10%
N/A	121%	57%	87%
0.5924855	16%	44%	49%
-0.0833333	44%	32%	-261%
0.3918129	5%	107%	-32%
0.3275862	16%	38%	-105%
N/A	-69%	-178%	-4%
N/A	-24%	-61%	82%
0.302439	-3%	-42%	-43%
0.2383721	7%	92%	-104%

0.3276596	-1%	130%	14%
0.5751966	-64%	-128%	74%
0.5852827	-17%	-21%	-245%
0.4433962	28%	62%	-87%
0.6032899	26%	28%	-116%
0.5392593	58%	99%	47%
0.0402685	37%	65%	-77%
0.5538812	60%	87%	40%
N/A	-6%	-98%	-66%
0.5996168	-17%	77%	127%
N/A	-14%	43%	-26%
0.5941345	107%	31%	-166%
0.6003469	173%	498%	11%
0.278626	-12%	-31%	-362%
0.5319149	129%	35%	97%
N/A	268%	130%	-138%
0.1230769	14%	106%	-36%
0.345352	83%	164%	113%
0.6483333	170%	185%	-119%
0.5690608	97%	6%	-221%
0.7415385	22%	97%	-77%
0.6920904	95%	266%	-151%
0.6254072	-16%	5%	-17%
0.8400753	73%	248%	-140%
0.8608815	6%	-116%	174%
0.6018241	-39%	-159%	93%
0.713555	259%	92%	-190%
N/A	107%	-18%	12%
0.7652682	64%	-127%	-180%
0.5999812	42%	154%	153%
0.6097601	32%	-26%	-17%
0.6673866	215%	268%	-122%
0.7197309	90%	149%	-135%
0.5146199	#VALUE!	#VALUE!	#VALUE!
0.552381	13%	-4%	-66%
0.5560538	-34%	-74%	137%
0.737931	-2%	21%	-113%
N/A	-62%	-95%	450%
0.5416667	-54%	-83%	328%
0.4842105	5%	-24%	-45%
0.5964113	46%	58%	-37%
0.5221843	36%	-3%	-176%
0.5355649	26%	33%	29%
0.6238532	18%	16%	70%
0.478022	-41%	-1%	10%
0.4964871	-5%	-24%	40%
0.5187032	-11%	-6%	-50%
0.4736842	-9%	14%	-241%

0.5276074	232%	144%	-319%
0.3823529	30%	16%	154%
0.4972973	-7%	-15%	154%
0.5443787	24%	9%	-153%
0.5027322	66%	73%	-33%
0.6840391	161%	348%	-127%
0.6113389	14%	-299%	-217%
0.5157005	-5%	75%	-45%
0.6676385	54%	40%	-36%
0.6164107	116%	-62%	-22%
0.5528455	98%	18%	10%
0.5942654	58%	-90%	88%
0.4880546	7%	-127%	200%
0.5179856	-72%	-151%	29%
0.5633803	-14%	-42%	85%
0.5161207	82%	63%	-134%
0.1980198	-48%	-18%	-73%
0.446875	86%	56%	7%
0.5403226	124%	242%	-199%
0.4126506	167%	106%	-58%
0.4132231	67%	-5%	-184%
0.6258352	239%	410%	-300%
0.6467066	0%	6%	-42%
0.6096332	58%	12%	118%
N/A	#VALUE!	#VALUE!	#VALUE!
N/A	35%	-13%	6%
0.4188034	127%	84%	-18%
0.5667915	-36%	-550%	-205%
0.3519553	34%	15%	16%
0.6610169	-1%	19%	39%
0.5681818	-2%	57%	13%
0.6253239	327%	40%	583%
0.4917355	-9%	-14%	343%
0.3150685	-83%	-122%	514%
0.359375	-4%	17%	140%
0.4876543	31%	-5%	157%
0.2405063	32%	30%	178%
0.5183486	13%	67%	-362%
0.3333333	170%	29%	105%
0.5202703	70%	41%	83%
0.4394904	#VALUE!	#VALUE!	#VALUE!
0.5020576	-34%	-42%	-10%
0.5755518	-29%	-13%	229%
0.4949239	107%	45%	-22%
0.3478261	5%	24%	-133%
0.4068966	38%	-34%	252%
0.6126126	9%	-13%	113%
0.5227273	34%	-4%	42%

0.4837093	45%	52%	-20%
0.3798883	109%	164%	-76%
0.169697	91%	-9%	257%
0.2342342	-54%	19%	-284%
0.2402597	6%	60%	118%
0.3730159	-66%	-22%	38%
0.4653465	6%	18%	-285%
0.1809524	32%	27%	-62%
0.33125	27%	17%	-51%
N/A	38%	93%	-106%
0.582	-25%	-38%	538%
0.3621399	167%	74%	97%
0.5548098	17%	-98%	5%
0.5676768	-61%	-118%	-68%
0.5260546	36%	32%	-173%
0.252	49%	46%	-156%
0.6695906	123%	-5%	-189%
N/A	47%	161%	94%
0.4910343	-12%	-21%	11%
0.484326	-60%	-80%	89%
0.515444	34%	27%	-202%
-0.3333333	185%	468%	-197%
-2.6206897	134%	146%	18%
0.1030303	-1%	41%	-13%
-1.9734513	324%	147%	-62%
0.4907598	180%	272%	-154%
0.5619048	-19%	-8%	61%
0.1478261	32%	40%	-64%
N/A	61%	33%	-172%
0.4848485	69%	104%	-115%
0.2769953	-9%	47%	-67%
0.389313	-4%	27%	123%
0.4640884	9%	72%	-82%
0.1894737	157%	337%	-148%
-0.1774194	-25%	93%	-41%
-0.2390244	-45%	99%	-257%
0.2379913	9%	592%	-13%
0.3701021	172%	147%	-34%
0.1679389	154%	35%	55%
-1.25	-34%	-64%	62%
0.305949	-43%	-104%	73%
0.5879265	21%	114%	-177%
N/A	24%	201%	-3%
0.0816919	-28%	-135%	-118%
0.4677419	44%	31%	-311%
N/A	40%	477%	-92%
0.5896226	19%	-15%	-178%
N/A	340%	156%	20%

0.3875	18%	44%	-293%
0.4326923	66%	23%	94%
0.3691275	187%	167%	-300%
0.3796712	118%	153%	-55%
0.2439024	-3%	12%	186%
0.380814	236%	289%	-194%
0.4694377	32%	95%	10%
0.3090909	20%	45%	-29%
N/A	15%	-27%	-67%
0.5746698	24%	90%	-67%
0.2798913	12%	13%	140%
0.4285714	#VALUE!	#VALUE!	#VALUE!
0.4	#VALUE!	#VALUE!	#VALUE!
0.5192308	#VALUE!	#VALUE!	#VALUE!
N/A	#VALUE!	#VALUE!	#VALUE!
N/A	#VALUE!	#VALUE!	#VALUE!
N/A	#VALUE!	#VALUE!	#VALUE!
0.7060834	#VALUE!	#VALUE!	#VALUE!
0.5326087	#VALUE!	#VALUE!	#VALUE!
0.523622	#VALUE!	#VALUE!	#VALUE!
N/A	#VALUE!	#VALUE!	#VALUE!
0.3043478	#VALUE!	#VALUE!	#VALUE!
N/A	#VALUE!	#VALUE!	#VALUE!
N/A	#VALUE!	#VALUE!	#VALUE!
0.3157895	#VALUE!	#VALUE!	#VALUE!
0.3157895	#VALUE!	#VALUE!	#VALUE!
0.3157895	#VALUE!	#VALUE!	#VALUE!
0.8611111	#VALUE!	#VALUE!	#VALUE!
0.4411765	#VALUE!	#VALUE!	#VALUE!