

DEMOGRAPHICS OF NEWCOMERS TO ROTORUA CITY

A Department of Labour analysis of data from the New Zealand Population Census 2006 for Settlement Support New Zealand (SSNZ).

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Definitions

Definition of Newcomers:

Newcomers are defined as those born overseas who arrived in New Zealand less than three years before the Population Census in March 2006. This definition has been used because Settlement Support New Zealand (SSNZ) is funded to improve migrants' and refugees' access to appropriate information and responsive services. For this purpose, new migrants have been defined as those who have been in New Zealand for up to two years and refugees as those who have been in New Zealand up to three years. Census data does not define immigration status so refugees cannot be split out from migrants in this analysis – hence the term newcomers.

Definition of Longer Term Migrants:

Longer term migrants are all those born overseas who are not newcomers.

Confidentialised data:

All table cells with numbers of less than 10 have been confidentialised with a 'C'. See technical note at end for explanation of Statistics New Zealand rounding procedures.

Effects of rounding and multiple responses in data:

Note that many rows and columns do not add to 100% due to rounding and/or to multiple responses (where people can give more than one answer to a question). A brief note to this effect is provided at the bottom of each table.

Key points

This document describes the population of newcomers (new migrants and refugees who have been in New Zealand three years or less) and longer term migrants (migrants and refugees born overseas who have been in New Zealand longer than three years) who live in Rotorua City. Data collected in the 2006 Population Census of New Zealand is used for this document. As a result, all the figures are accurate as at Census Day on 6 March 2007. Ethnicity rather than Country of Birth is used as the main descriptor of the newcomers and longer term migrants because fewer table cells are confidentialised for the Ethnicity data under Statistics New Zealand's policy. However, people are able to identify with more than one ethnicity so some people will be counted twice or more. This document has been produced as background information for the Settlement Support New Zealand coordinators in Rotorua City. Other documents describe the populations of newcomers and longer term migrants in other local authority areas.

The key points of the document include:

- A total of 65,901 people live in Rotorua City. Three percent are newcomers, 11 percent are longer term migrants and the majority (80 percent) are born in New Zealand.
- The largest proportions of newcomers to the City are born in England (21 percent), Australia (11 percent) and South Africa (9 percent). These newcomers join sizable longer term migrant communities of people also born in these countries.
- The largest ethnic groups of newcomers in Rotorua City are New Zealand European (14 percent), Indian nfd (9 percent), and English, British nfd and Korean (all at 7 percent).
- The largest ethnic groups of newcomers in the Working Age group in Rotorua City are Indian nfd and New Zealand European (at 10 percent each).
- Overall there are 4 percent more females than males among newcomers to Rotorua City
- Seventy percent of newcomers are in the labour force
- Half or more of the Chinese, Korean, Fijian and Tokelauan newcomers living in Rotorua City are not working or looking for work i.e. they are not in the Labour Force. For all these ethnic groups, large proportions of newcomers are in the Student Age group.
- Overall 94 percent of newcomers in the workforce are employed and 6 percent are unemployed. Of those employed, 82 percent are working full time and 18 percent are working part time i.e. less than 30 hours a week.
- The majority (86 percent) of working newcomers to Rotorua City are paid employees. Only 3 percent are working as employers, 7 percent are self-employed without employees and 1 percent are unpaid family workers.
- A quarter of the newcomers have a Bachelor or Higher Degree, 24 percent have a Vocational Qualification, 37 percent a School Qualification and 7 percent have no qualification.
- Three-quarters of working newcomers to Rotorua City have annual incomes of \$50,000 or less, 13 percent have incomes of \$50,001 -

\$70,000, 3 percent are in the \$70,001 - \$100,000 bracket and 3 percent earn \$100,001 or more.

- Forty-two percent of the newcomers to Rotorua City speak English and another language, 45 percent speak English only and 8 percent do not speak English.
- Newcomers' most common religion is Christian (54 percent) and the next highest proportion have no religion (28 percent). Another 5 percent are Hindu, 4 percent Buddhist, 2 percent Islam/Muslim and none are Jewish. Nine percent believe in other religions or do not specify their religion.

Rotorua City population

There were 1,659 newcomers (migrants and refugees who arrived in New Zealand up to three years previously) in Rotorua City on the day of the 2006 Population Census. These newcomers make up 3 percent of the City's population. The majority of the City's dwellers are New Zealand-born (80 percent) and 11 percent are longer term migrants who have been living in New Zealand for three years or longer.

Table 1: Proportions of newcomers, longer term migrant communities' and New Zealand-born in Rotorua City

	n	%
Newcomers (overseas born, in NZ less than 3 years)	1,659	3
Longer term migrant and refugee pop (overseas born, in NZ 3 years or more)*	7,083	11
New Zealand born	52,836	80
Not elsewhere included**	4,323	7
Total Rotorua City population	65,901	100

*includes Overseas Born but Country of Birthplace Not Stated, Unidentifiable or Outside Scope.

**includes Country of Birthplace Not Stated or Inadequately Described.

Birthplace of newcomers

Table 2 shows that newcomers to Rotorua City are born in more than 150 different countries. The largest proportions of newcomers to the City are born in England (21 percent) and Australia (11 percent). These newcomers join sizable longer term migrant communities of people also born in these countries. Another 9 percent of newcomers are born in South Africa, 7 percent are born in Korea and 6 percent are born in India.

Table 2: Birthplace of all newcomers and longer term migrants to Rotorua City

Birthplace	Less Than 3 Years		3 Years or Longer		Total Born Overseas*
	n	%	n		n
England	354	21	2,325	33	2,784
Australia	183	11	771	11	1,041
South Africa	144	9	336	5	492
Korea, Republic of	114	7	291	4	465
Netherlands	9	1	408	6	432
Scotland	42	3	303	4	357
China, People's Republic of	75	5	255	4	354
India	93	6	207	3	309
Fiji	75	5	168	2	264
United States of America	48	3	138	2	213
Philippines	45	3	156	2	204
Japan	66	4	114	2	198
Cook Islands	0	0	147	2	183
Germany	39	2	93	1	150
Samoa	15	1	102	1	132
Zimbabwe	51	3	75	1	135
Tokelau	21	1	78	1	114
Canada	27	2	75	1	108

Birthplace	Less Than 3 Years		3 Years or Longer		Total Born Overseas*
	n	%	n		n
Wales	15	1	78	1	96
Ireland	12	1	63	1	84
Tonga	15	1	57	1	78
Thailand	18	1	45	1	72
Malaysia	12	1	45	1	66
Switzerland	6	0	39	1	48
Taiwan	15	1	39	1	54
France	18	1	24	0	51
Indonesia	0	0	48	1	51
Northern Ireland	6	0	39	1	45
Sri Lanka	9	1	33	0	42
Hong Kong (Special Admin. Region)	6	0	27	0	36
Chile	18	1	12	0	30
Russia	3	0	24	0	30
Austria	0	0	27	0	27
Singapore	0	0	24	0	27
Denmark	3	0	18	0	24
Finland	6	0	12	0	18
Viet Nam	3	0	21	0	24
Kenya	0	0	21	0	24
Papua New Guinea	3	0	12	0	15
Romania	6	0	15	0	21
Iran	9	1	9	0	18
Channel Islands	3	0	12	0	15
Cambodia	0	0	15	0	15
Zambia	3	0	12	0	15
New Caledonia	3	0	3	0	12
Italy	6	0	6	0	12
Spain	6	0	3	0	9
Czech Republic	0	0	12	0	15
Hungary	0	0	12	0	15
Poland	0	0	9	0	12
Iraq	0	0	15	0	15
Mauritius	12	1	3	0	18
Namibia	6	0	6	0	12
Kiribati	0	0	6	0	6
Niue	0	0	6	0	9
United Kingdom (nfd)	3	0	9	0	15
Belgium	3	0	3	0	9
Bosnia and Herzegovina	0	0	9	0	9
Croatia	0	0	9	0	9
Turkey	3	0	6	0	9
Argentina	3	0	6	0	9
Nigeria	3	0	6	0	9
Solomon Islands	3	0	6	0	9
French Polynesia	0	0	6	0	6
Norway	0	0	3	0	3
Sweden	0	0	6	0	6
Jordan	3	0	0	0	3
Saudi Arabia	6	0	0	0	6
Brazil	0	0	6	0	6

Birthplace	Less Than 3 Years		3 Years or Longer		Total Born Overseas*
	n	%	n		n
Guyana	6	0	3	0	9
Malawi	0	0	3	0	3
Uganda	0	0	6	0	6
Norfolk Island	0	0	0	0	0
Vanuatu	3	0	3	0	6
Samoa, American	0	0	3	0	3
Tuvalu	0	0	0	0	0
Iceland	0	0	0	0	0
Malta	0	0	3	0	3
Portugal	0	0	3	0	3
South Eastern Europe (nfd)	0	0	3	0	3
Bulgaria	0	0	3	0	3
Cyprus	0	0	0	0	0
Greece	0	0	3	0	3
Slovenia	0	0	0	0	3
Belarus	0	0	3	0	3
Lithuania	0	0	3	0	3
Ukraine	0	0	3	0	3
Algeria	0	0	0	0	0
Egypt	0	0	3	0	3
Sudan	0	0	3	0	3
Tunisia	0	0	3	0	3
Bahrain	0	0	3	0	3
Lebanon	0	0	0	0	0
Myanmar	0	0	3	0	3
Mongolia	3	0	0	0	3
Bangladesh	3	0	0	0	3
Others**	9	1	48	1	57
Total Respondents	1,659	100	7,083	100	9,327

NB: some rows may not add up correctly due to rounding in Census data.

*Includes: Response Unidentifiable, Response Outside Scope and Not Stated for the Overseas Born Population.

**Others includes less than 20 people born in each of: Nepal, Pakistan, Turkmenistan, Bermuda, Falkland Islands, Paraguay, Peru, Suriname, Venezuela, Mexico, Aruba, Dominican Republic, Netherlands Antilles, Central and West Africa (not further defined), Angola, Mayotte, Seychelles, Somalia.

Ethnicity of newcomers

People are able to choose more than one ethnicity in the Census and consequently some newcomers may be counted under several different ethnic categories. People's identities change over time and Table 3 shows that a far larger proportion of longer term migrants (38 percent) than newcomers (14 percent) identify as New Zealand European.

Table 3 also shows that the largest ethnic groups of newcomers in Rotorua City are New Zealand European (14 percent), Indian nfd (9 percent), English (7 percent), British nfd (7 percent) and Korean (7 percent).

Table 3: Ethnicity of all newcomers and longer term migrant population of Rotorua City

Ethnic Group	Less Than 3 Years		3 Years or Longer		Total Born Overseas**
	n	%	n	%	n
New Zealand European	240	14	2,724	38	3,069
English	120	7	462	7	609
Chinese nfd	87	5	351	5	471
Korean	114	7	291	4	465
Indian nfd	144	9	276	4	441
Dutch	12	1	339	5	363
British nfd	108	7	234	3	351
New Zealander	9	1	321	5	348
Australian	75	5	246	3	345
Māori	57	3	237	3	327
South African nec	105	6	171	2	279
European nfd	102	6	156	2	273
Japanese	63	4	114	2	192
Cook Islands Maori nfd	6	0	144	2	183
Filipino	39	2	138	2	180
Samoan	24	1	111	2	150
Scottish	18	1	114	2	135
Tokelauan	24	1	96	1	132
American	39	2	66	1	120
German	30	2	57	1	102
Fijian	27	2	54	1	93
Tongan	15	1	63	1	87
Irish	15	1	57	1	78
Thai	21	1	45	1	75
Canadian	24	1	45	1	72
Zimbabwean	27	2	33	0	60
Welsh	9	1	39	1	51
African nfd	15	1	30	0	48
French	18	1	21	0	45
Sri Lankan nfd	9	1	24	0	33
Taiwanese	9	1	21	0	30
Swiss	3	0	18	0	27
Indonesian	0	0	24	0	27
Russian	0	0	21	0	24
Latin American nfd	9	1	15	0	24

Ethnic Group	Less Than 3 Years		3 Years or Longer		Total Born Overseas**
	n	%	n	%	n
Afrikaner	6	0	9	0	21
Iranian/Persian	9	1	12	0	21
Finnish	3	0	15	0	18
Asian nfd	3	0	15	0	18
Austrian	0	0	12	0	15
Danish	3	0	12	0	15
Spanish	9	1	6	0	15
Vietnamese	3	0	12	0	15
Malay	6	0	9	0	15
Chilean	9	1	3	0	15
Mauritian	9	1	3	0	15
Italian	3	0	9	0	12
Niuean	0	0	9	0	12
Fijian Indian	3	0	9	0	12
Polish	0	0	9	0	9
Croatian	3	0	3	0	9
Romanian	3	0	6	0	9
Swedish	0	0	6	0	9
Tahitian	0	0	6	0	9
Asian nec	6	0	3	0	9
Arab	3	0	6	0	9
Turkish	0	0	9	0	9
Brazilian	0	0	6	0	9
African nec	6	0	3	0	9
Celtic nfd	3	0	3	0	6
Greek	0	0	6	0	6
Bulgarian	0	0	6	0	6
Czech	0	0	6	0	6
Hungarian	0	0	6	0	6
Portuguese	0	0	3	0	6
Ukrainian	3	0	3	0	6
Pacific Peoples nfd	0	0	6	0	6
Rarotongan	0	0	3	0	6
Australian Aboriginal	6	0	0	0	6
Kiribati	0	0	6	0	6
Papua New Guinean	3	0	3	0	6
Solomon Islander	0	0	3	0	6
Cambodian	0	0	6	0	6
Hong Kong Chinese	3	0	0	0	6
Eurasian	3	0	3	0	6
African American	0	0	6	0	6
North American Indian	6	0	0	0	6
Channel Islander	0	0	3	0	3
Shetland Islander	0	0	3	0	3
Slovenian	0	0	0	0	3
Bosnian	0	0	3	0	3
Armenian	0	0	3	0	3
Belgian	0	0	3	0	3
Estonian	0	0	3	0	3
Norwegian	3	0	0	0	3

Ethnic Group	Less Than 3 Years		3 Years or Longer		Total Born Overseas**
	n	%	n	%	n
European nec	0	0	3	0	3
Hawaiian	0	0	3	0	3
Rotuman	0	0	3	0	3
Tuvaluan	0	0	0	0	3
Southeast Asian nfd	0	0	3	0	3
Southeast Asian nec	0	0	3	0	3
Indian nec	3	0	0	0	3
Sinhalese	0	0	3	0	3
Nepalese	0	0	3	0	3
Assyrian	3	0	0	0	3
Egyptian	3	0	0	0	3
Others***	9	1	39	1	48
Total Respondents*	1,659	100	7,083	100	9,327

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in each n column are – 1,770; 7,590; 9,984

**Includes: Response Unidentifiable, Response Outside Scope and Not Stated for the Overseas Born Population.

*** Others includes: Iraqi, Israeli/Jewish, Jordanian, Moroccan, Palestinian, Middle Eastern nec, Argentinean, Bolivian, Mexican, Peruvian, Kenyan, Nigerian, West Indian, Somali, Inuit and Seychellois.

Age groups of newcomers

Table 4 shows that the Working Age group is the largest newcomer group. Note the largest ethnic groups of newcomers in this group in Rotorua City are Indian nfd (10 percent) and New Zealand European (10 percent). The Chinese, Indian nfd, Korean, NZ European and Fijian ethnic groups are strongly represented in the Student Age group.

Table 4: Age groups of the 20 largest ethnic groups of newcomers

Ethnic Group	0-14 Years		Student Age Group (15-24 Years)		Total Working Age (15-64 Years)**		65 Years And Over		Total n
	n	%	n	%	n	%	n	%	
New Zealand European	117	2	24	10	114	10	12	24	243
Indian nfd	30	6	27	11	108	10	3	6	147
English	21	4	6	2	90	8	6	12	120
Korean	33	7	24	10	78	7	0	0	114
British nfd	27	6	3	1	78	7	0	0	108
European nfd	42	9	6	2	57	5	0	0	102
South African nec	30	6	18	7	72	6	3	6	102
Chinese nfd	9	2	36	15	75	7	3	6	87
Australian	24	5	9	4	48	4	3	6	72
Japanese	9	2	15	6	51	5	0	0	63
Māori	51	11	6	2	6	1	0	0	57
Filipino	9	2	3	1	30	3	3	6	42
American	9	2	3	1	30	3	0	0	39
German	3	1	3	1	30	3	0	0	30
Fijian	9	2	18	7	21	2	0	0	30
Zimbabwean	9	2	3	1	15	1	0	0	27
Canadian	6	1	0	0	18	2	0	0	24
Samoan	12	2	3	1	9	1	6	12	24
Tokelauan	9	2	6	2	9	1	3	6	24
Thai	6	1	3	1	15	1	0	0	21
Others	93	19	51	21	222	20	3	6	276
Total Respondents*	483	100	246	100	1,128	100	51	100	1,662

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in each n column are – 558; 267;

1,176; 45; 1,752

**Includes student age (15-24) population.

Gender of newcomers

Table 5 shows that overall there are 4 percent more females than males among newcomers to Rotorua City. The difference is spread across a range of newcomer ethnic groups, each with a relatively small number of people.

Table 5: Gender split of the 20 largest ethnic groups of newcomers

Ethnic Group	Male		Female		Total
	n	%	n	%	n
New Zealand European	129	53	114	47	243
Indian nfd	75	52	72	50	144
English	57	48	63	53	120
Korean	51	44	66	56	117
British nfd	42	39	63	58	108
South African nec	54	51	51	49	105
European nfd	51	50	54	53	102
Chinese nfd	45	54	42	50	84
Australian	36	48	39	52	75
Japanese	27	43	36	57	63
Māori	30	50	27	45	60
American	18	46	21	54	39
Filipino	18	46	21	54	39
German	12	40	18	60	30
Zimbabwean	12	44	15	56	27
Fijian	21	78	3	11	27
Canadian	15	63	9	38	24
Samoan	9	38	12	50	24
Tokelauan	15	63	9	38	24
Scottish	6	29	12	57	21
Others	123	41	171	58	297
Total Respondents*	798	48	864	52	1,659

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in each n column are – 846; 918; 1,773

Labour Force Status of newcomers and longer term migrants

Table 6 shows that 70 percent of newcomers are in the labour force. Note that half or more of the Chinese, Korean, Fijian and Tokelauan newcomers living in Rotorua City are not working or looking for work i.e. they are not in the Labour Force. High proportions of these ethnic groups are in the Student Age group.

The ethnic groups of newcomers with the highest proportions of people in the Labour Force are the English (79 percent), British nfd (92 percent), Australian (81 percent), South African nec (84 percent), Indian nfd and New Zealand European (both 79 percent).

Table 7 shows that the proportion of longer term migrants in the workforce is slightly smaller (65 percent) than for newcomers (70 percent). The ethnic groups with high proportions of newcomers than longer term migrants are the British, European nfd, German and English. Those with higher proportions of longer term migrants in the workforce are the Fijian, Tokelauan, Chinese nfd, Korean and Canadian groups.

Table 6: Labour force status of the 20 largest ethnic groups of newcomers

Ethnic Group	Total in the Work Force**		Not in the Labour Force		Total
	n	%	n	%	
New Zealand European	90	71	33	26	126
Indian nfd	90	79	27	24	114
English	78	79	21	21	99
Korean	39	48	42	52	81
British nfd	72	92	6	8	78
Chinese nfd	36	46	42	54	78
South African nec	63	84	12	16	75
European nfd	51	85	12	20	60
Japanese	30	56	24	44	54
Australian	39	81	9	19	48
Filipino	24	73	9	27	33
American	21	70	6	20	30
German	24	89	6	22	27
Canadian	12	67	6	33	18
Fijian	6	33	15	83	18
Scottish	9	60	6	40	15
French	9	60	6	40	15
Zimbabwean	15	100	3	20	15
Tokelauan	6	40	9	60	15
Thai	9	60	6	40	15
Others	117	65	63	35	180
Total Respondents*	828	70	351	30	1,179

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in each n column are – 840; 363; 1,194

**Excludes those aged under 15.

Table 7: Labour Force Status of the same 20 ethnic groups of longer term migrants

Ethnic Group	Total in the Work Force**		Not in the Labour Force		Total
	n	%	n	%	n
New Zealand European	1,479	58	1,071	42	2,547
Indian nfd	186	73	69	27	255
English	273	64	156	36	429
Korean	147	64	87	38	231
British nfd	144	73	51	26	198
Chinese nfd	252	76	84	25	333
South African nec	123	82	24	16	150
European nfd	102	68	48	32	150
Japanese	72	71	30	29	102
Australian	147	69	66	31	213
Filipino	105	81	27	21	129
American	39	72	18	33	54
German	39	72	12	22	54
Canadian	33	85	3	8	39
Fijian	33	69	15	31	48
Scottish	69	62	45	41	111
French	12	67	6	33	18
Zimbabwean	21	100	0	0	21
Tokelauan	57	66	30	34	87
Thai	27	64	12	29	42
Others	1032	65	570	36	1596
Total Respondents*	4,203	65	2,313	36	6,513

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in each n column are – 4,392; 2,424; 6,807

**Excludes those aged under 15.

Table 8 shows that overall 94 percent of newcomers in the workforce are employed and 6 percent are unemployed. Of those employed, 82 percent are working full time and 18 percent are working part time i.e. less than 30 hours a week.

Table 9 shows that the proportion of unemployed is smaller among longer term migrants (4 percent). However, a slightly larger proportion of longer term migrants are working part time (24 percent) than newcomers (18 percent).

Table 8: Proportions employed and unemployed in the 20 largest ethnic groups of newcomers in the workforce

Ethnic Group	Employed Full-time		Employed Part-time		Total Employed		Unemployed		Total in the Work Force**
	n	%	n	%	n	%	n	%	n
New Zealand European	69	82	18	21	84	93	6	7	90
Indian nfd	69	79	18	21	87	97	0	0	90
English	69	92	6	8	75	96	0	0	78
Korean	30	91	6	18	33	85	3	8	39
British nfd	57	83	12	17	69	96	3	4	72
Chinese nfd	24	73	9	27	33	92	3	8	36
South African nec	42	74	15	26	57	90	9	14	63
European nfd	42	88	6	13	48	94	0	0	51
Japanese	24	80	6	20	30	100	3	10	30
Australian	33	92	3	8	36	92	3	8	39
Filipino	15	63	6	25	24	100	3	13	24
American	18	75	3	13	24	114	0	0	21
German	21	88	3	13	24	100	0	0	24
Canadian	9	75	0	0	12	100	0	0	12
Fijian	3	100	0	0	3	50	3	50	6
Scottish	9	75	3	25	12	133	0	0	9
French	6	67	3	33	9	100	0	0	9
Zimbabwean	12	100	0	0	12	80	3	20	15
Tokelauan	0	0	3	100	3	50	0	0	6
Thai	9	100	3	33	9	100	0	0	9
Others	87	76	27	24	114	97	18	15	117
Total Respondents*	636	82	141	18	777	94	51	6	828

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in each n column are – 648; 150; 798; 57; 840

**Excludes those aged under 15.

Table 9: Proportions employed and unemployed in the same 20 largest ethnic groups of longer term migrants in the workforce

Ethnic Group	Employed Full-time		Employed Part-time		Total Employed		Unemployed		Total in the Work Force**
	n	%	n	%	n	%	n	%	n
New Zealand European	1,083	76	336	24	1,419	96	57	4	1,479
Indian nfd	150	86	27	16	174	94	12	6	186
English	207	77	63	23	270	99	6	2	273
Korean	108	77	36	26	141	96	6	4	147
British nfd	105	74	33	23	141	98	6	4	144
Chinese nfd	180	76	57	24	237	94	15	6	252
South African nec	93	78	27	23	120	98	3	2	123
European nfd	84	85	15	15	99	97	3	3	102
Japanese	45	65	21	30	69	96	3	4	72
Australian	105	74	39	28	141	96	3	2	147
Filipino	69	70	30	30	99	94	6	6	105
American	27	75	9	25	36	92	0	0	39
German	33	85	6	15	39	100	0	0	39
Canadian	27	82	9	27	33	100	0	0	33
Fijian	21	78	9	33	27	82	6	18	33
Scottish	51	77	18	27	66	96	3	4	69
French	9	75	6	50	12	100	0	0	12
Zimbabwean	12	57	9	43	21	100	0	0	21
Tokelauan	33	69	15	31	48	84	9	16	57
Thai	21	70	6	20	30	100	0	0	27
Others	744	76	243	25	984	95	69	7	1032
Total Respondents*	3,075	76	948	24	4,026	96	174	4	4,203

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in each n column are – 3,207; 1,014; 4,206; 207; 4,392

**Excludes those aged under 15.

Employment Status of newcomers

Table 10 shows that the majority (86 percent) of working newcomers to Rotorua City are paid employees. Only 3 percent are working as employers, 7 percent are self-employed without employees and 1 percent are unpaid family workers.

Table 10: Employment status for the largest 20 ethnic groups of employed newcomers

Ethnic Group	Paid Employee		Employer		Self-Employed and Without Employees		Unpaid Family Worker		Not Elsewhere Included		Total Employed n
	n	%	n	%	n	%	n	%	n	%	
	Indian nfd	81	90	3	3	3	3	0	0	3	
New Zealand European	72	83	3	3	12	14	3	3	0	0	87
English	69	92	3	4	3	4	0	0	3	4	75
British nfd	57	86	3	5	9	14	3	5	0	0	66
South African nec	54	95	0	0	3	5	0	0	0	0	57
European nfd	39	81	3	6	6	13	0	0	0	0	48
Korean	24	67	3	8	3	8	3	8	3	8	36
Australian	30	91	0	0	3	9	0	0	0	0	33
Chinese nfd	24	73	3	9	3	9	0	0	3	9	33
Japanese	24	80	3	10	0	0	0	0	3	10	30
German	21	88	0	0	0	0	0	0	0	0	24
American	21	100	0	0	3	14	0	0	0	0	21
Filipino	24	114	0	0	0	0	0	0	0	0	21
Scottish	9	75	0	0	0	0	0	0	0	0	12
Canadian	9	75	0	0	0	0	0	0	0	0	12
Zimbabwean	15	125	0	0	0	0	0	0	0	0	12
Irish	9	100	0	0	0	0	0	0	3	33	9
French	3	33	3	33	0	0	0	0	3	33	9
Thai	6	67	0	0	0	0	0	0	3	33	9
Welsh	6	100	0	0	0	0	0	0	0	0	6
Others	87	85	3	3	3	3	3	3	9	9	102
Total Respondents*	669	86	21	3	51	7	9	1	33	4	780

NB: some rows may not add up correctly due to rounding in Census data. * People can choose more than one ethnicity: total responses in each n column are – 684; 30; 51; 12; 33; 792

Highest qualifications of newcomers

Table 11 shows that a quarter of the newcomers have a Bachelor or Higher Degree, 24 percent have a Vocational Qualification, 37 percent a School Qualification and 7 percent have no qualification.

Table 11: Highest qualification for the 20 largest ethnic groups of newcomers

Ethnic Group	No Qualification		School Qualification		Vocational Qualification		Bachelor Degree		Higher Degree		Not Elsewhere Included		Total n
	n	%	n	%	n	%	n	%	n	%	n	%	
New Zealand European	..C		..C		..C		..C		..C		..C		126
Indian nfd	..C		..C		..C		..C		..C		..C		114
English	..C		..C		..C		..C		..C		..C		99
Korean	..C		..C		..C		..C		..C		..C		81
British nfd	..C		..C		..C		..C		..C		..C		78
Chinese nfd	..C		..C		..C		..C		..C		..C		78
South African nec	..C		..C		..C		..C		..C		..C		75
European nfd	..C		..C		..C		..C		..C		..C		60
Japanese	..C		..C		..C		..C		..C		..C		54
Australian	..C		..C		..C		..C		..C		..C		48
Filipino	..C		..C		..C		..C		..C		..C		33
German	..C		..C		..C		..C		..C		..C		30
American	..C		..C		..C		..C		..C		..C		30
Fijian	..C		..C		..C		..C		..C		..C		21
Canadian	..C		..C		..C		..C		..C		..C		18
Zimbabwean	..C		..C		..C		..C		..C		..C		18
Scottish	..C		..C		..C		..C		..C		..C		15
French	..C		..C		..C		..C		..C		..C		15
Tokelauan	..C		..C		..C		..C		..C		..C		15
Thai	..C		..C		..C		..C		..C		..C		15
Others	..C		..C		..C		..C		..C		..C		189
Total Respondents*	84	7	435	37	285	24	168	14	132	11	75	6	1,179

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in the total column are – 1,212

Income levels of newcomers and longer term migrants

Newcomers

Table 12 shows that three-quarters of working newcomers to Rotorua City have annual incomes of \$50,000 or less, 13 percent have incomes of \$50,001 - \$70,000, 3 percent are in the \$70,001 - \$100,000 bracket and 3 percent earn \$100,001 or more.

Longer term migrants

Table 13 shows that slightly larger proportions of longer term migrants are earning income in the higher brackets compared to newcomers, but the difference is not large. Seventy-three percent of longer term migrants are earning \$50,000 or less though the proportion in the under \$15,000 bracket is 9 percentage points lower.

Table 12: Income levels for the 20 largest ethnic groups of newcomers

Ethnic Group	Under \$15,000		\$15,001 - \$30,000		\$30,001 - \$50,000		\$50,001 - \$70,000		\$70,001 - \$100,000		\$100,001 or More		Not Stated		Total
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n
Indian nfd	..C		..C		..C		..C		..C		..C		..C		90
New Zealand European	..C		..C		..C		..C		..C		..C		..C		87
English	..C		..C		..C		..C		..C		..C		..C		75
British nfd	..C		..C		..C		..C		..C		..C		..C		66
South African nec	..C		..C		..C		..C		..C		..C		..C		57
European nfd	..C		..C		..C		..C		..C		..C		..C		48
Australian	..C		..C		..C		..C		..C		..C		..C		36
Korean	..C		..C		..C		..C		..C		..C		..C		36
Chinese nfd	..C		..C		..C		..C		..C		..C		..C		33
Japanese	..C		..C		..C		..C		..C		..C		..C		30
German	..C		..C		..C		..C		..C		..C		..C		24
American	..C		..C		..C		..C		..C		..C		..C		24
Filipino	..C		..C		..C		..C		..C		..C		..C		21
Canadian	..C		..C		..C		..C		..C		..C		..C		12
Zimbabwean	..C		..C		..C		..C		..C		..C		..C		12
Irish	..C		..C		..C		..C		..C		..C		..C		9
Scottish	..C		..C		..C		..C		..C		..C		..C		9
French	..C		..C		..C		..C		..C		..C		..C		9
Samoan	..C		..C		..C		..C		..C		..C		..C		9
Thai	..C		..C		..C		..C		..C		..C		..C		9
Others	..C		..C		..C		..C		..C		..C		..C		120
Total Respondents*	195	25	195	25	198	25	99	13	27	3	27	3	39	5	777

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in the total column are – 816

Table 13: Income levels for the same 20 ethnic groups of longer term migrants

Ethnic Group	Under \$15,000		\$15,001 - \$30,000		\$30,001 - \$50,000		\$50,001 - \$70,000		\$70,001 - \$100,000		\$100,001 or More		Not Stated		Total
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n
Indian nfd	..C		..C		..C		..C		..C		..C		..C		177
New Zealand European	..C		..C		..C		..C		..C		..C		..C		1,419
English	..C		..C		..C		..C		..C		..C		..C		270
British nfd	..C		..C		..C		..C		..C		..C		..C		141
South African nec	..C		..C		..C		..C		..C		..C		..C		120
European nfd	..C		..C		..C		..C		..C		..C		..C		99
Australian	..C		..C		..C		..C		..C		..C		..C		141
Korean	..C		..C		..C		..C		..C		..C		..C		141
Chinese nfd	..C		..C		..C		..C		..C		..C		..C		237
Japanese	..C		..C		..C		..C		..C		..C		..C		69
German	..C		..C		..C		..C		..C		..C		..C		42
American	..C		..C		..C		..C		..C		..C		..C		36
Filipino	..C		..C		..C		..C		..C		..C		..C		99
Canadian	..C		..C		..C		..C		..C		..C		..C		33
Zimbabwean	..C		..C		..C		..C		..C		..C		..C		21
Irish	..C		..C		..C		..C		..C		..C		..C		30
Scottish	..C		..C		..C		..C		..C		..C		..C		66
French	..C		..C		..C		..C		..C		..C		..C		12
Samoan	..C		..C		..C		..C		..C		..C		..C		60
Thai	..C		..C		..C		..C		..C		..C		..C		27
Others	..C		..C		..C		..C		..C		..C		..C		1014
Total Respondents*	645	16	1,050	26	1,266	31	534	13	207	5	198	5	126	3	4,026

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in the total column are – 4,254

Languages spoken by newcomers

Table 14 shows that overall 42 percent of the newcomers to Rotorua City speak English and another language, 45 percent speak English only and 8 percent do not speak English.

Table 14: Proportions of the 20 largest ethnic groups of newcomers who speak English only, English and another language or another language only

Ethnic Group	English Only		English and Other (Not Māori) **		Other Languages Only (Neither English, Māori nor NZ Sign Language)		Total n
	n	%	n	%	n	%	
New Zealand European	..C		..C		..C		240
Indian nfd	..C		..C		..C		147
English	..C		..C		..C		120
Korean	..C		..C		..C		114
British nfd	..C		..C		..C		108
South African nec	..C		..C		..C		105
European nfd	..C		..C		..C		102
Chinese nfd	..C		..C		..C		84
Australian	..C		..C		..C		72
Japanese	..C		..C		..C		60
Māori	..C		..C		..C		57
Filipino	..C		..C		..C		42
American	..C		..C		..C		39
German	..C		..C		..C		30
Zimbabwean	..C		..C		..C		27
Fijian	..C		..C		..C		27
Canadian	..C		..C		..C		24
Samoan	..C		..C		..C		24
Tokelauan	..C		..C		..C		24
Scottish	..C		..C		..C		21
Others	..C		..C		..C		285
Total Respondents*	750	45	690	42	135	8	1,662

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in each n column are – 1,752

**Includes English and NZ Sign Language Only (Not Māori), English and Other Only (Not Māori or NZ Sign Language) and English, NZ Sign Language and Other (Not Māori).

Confidentialising of data in Table 15 prevents analysis of languages spoken among those who do not speak English, though it may be assumed these are consistent with newcomer's ethnicities.

Table 15: The most common languages spoken by newcomers who do not speak English

Language Spoken	Other Languages Only (Neither English, Māori nor NZ Sign Language)		English and / or Other languages		Total
	n	%	n	%	n
English	..C		..C		1,452
Afrikaans	..C		..C		114
Korean	..C		..C		99
Hindi	..C		..C		72
French	..C		..C		66
Japanese	..C		..C		63
German	..C		..C		54
Spanish	..C		..C		48
Sinitic not further defined	..C		..C		45
Not Stated	..C		..C		42
None (eg too young to talk)	..C		..C		33
Malayalam	..C		..C		30
Fijian	..C		..C		30
Tagalog	..C		..C		30
Samoan	..C		..C		24
Tokelauan	..C		..C		24
Bantu, not elsewhere cl.	..C		..C		24
Panjabi	..C		..C		21
Yue	..C		..C		21
Northern Chinese	..C		..C		21
Others**	..C		..C		237
Total Respondents*	135	8	1,527	92	1,659

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in each n column are – 2,550

**Others includes: Thai, Dutch, Gujarati, Māori, Italian, Tongan, Sinhala, Malaysian, New Zealand Sign Language, Swedish, Romanian, Russian, Indo-Aryan not further defined, Persian, Bisayan, Arabic, Zulu, Response Unidentifiable, West Germanic not elsewhere classified, Danish, Norwegian, Portuguese, Romance not elsewhere classified, Ukrainian, Czech, Polish, Marathi, Welsh, Turko-Altai not elsewhere classified, Finnish, Tamil, Telugu, Tieu-Chow, Mon-Khmer not elsewhere classified, Vietnamese, Cook Islands Maori, Solomon Islands Languages (Non-Central-Pacific), Bahasa Indonesia, Swahili, Tok Pisin, Sign Language not further defined.

Religions of newcomers

Table 16 shows that newcomers' most common religion is Christian (54 percent) and the next highest proportion have no religion (28 percent). Another 5 percent are Hindu, 4 percent Buddhist and 2 percent are Islam/Muslim. Nine percent believe in other religions or do not specify their religion.

Table 16: Religions of newcomers

Ethnic Group	No Religion		Buddhist		Christian		Hindu		Islam/Muslim		Judaism/ Jewish		Other*		Total
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n
New Zealand European	81	33	0	0	153	63	0	0	0	0	0	0	15	6	243
Indian nfd	0	0	0	0	42	29	78	53	9	6	0	0	21	14	147
English	42	35	3	3	69	58	0	0	0	0	0	0	12	10	120
Korean	33	28	15	13	60	51	0	0	0	0	0	0	21	18	117
British nfd	42	40	0	0	60	57	0	0	0	0	3	3	3	3	105
South African nec	3	3	0	0	96	91	0	0	0	0	0	0	12	11	105
European nfd	45	44	3	3	48	47	0	0	3	3	0	0	6	6	102
Chinese nfd	51	59	15	17	9	10	0	0	0	0	0	0	18	21	87
Australian	33	44	0	0	33	44	0	0	0	0	0	0	12	16	75
Japanese	48	76	9	14	0	0	0	0	0	0	0	0	3	5	63
Māori	27	47	0	0	27	47	0	0	0	0	0	0	9	16	57
American	6	15	0	0	27	69	0	0	0	0	0	0	3	8	39
Filipino	0	0	0	0	39	100	0	0	0	0	0	0	0	0	39
German	12	40	0	0	15	50	0	0	0	0	0	0	3	10	30
Zimbabwean	3	11	0	0	27	100	0	0	0	0	0	0	0	0	27
Fijian	0	0	0	0	27	100	0	0	0	0	0	0	0	0	27
Canadian	9	38	0	0	12	50	0	0	0	0	0	0	3	13	24
Samoan	0	0	0	0	18	75	0	0	0	0	0	0	6	25	24
Tokelauan	0	0	0	0	24	100	0	0	0	0	0	0	0	0	24
Thai	3	14	12	57	6	29	0	0	0	0	0	0	3	14	21
Others	69	23	18	6	150	51	0	0	24	8	0	0	30	10	294
Total Respondents*	471	28	69	4	891	54	81	5	36	2	0	0	156	9	1662

NB: some rows may not add up correctly due to rounding in Census data.

* People can choose more than one ethnicity: total responses in each n column are – 507; 75; 942; 78; 36; 3; 180; 1,770

*Includes Maori Christian, Spiritualism and New Age Religions, Other religions, Not Elsewhere Included (includes Don't Know, Object to Answering, Response Unidentifiable, Response Outside Scope and Not Stated).

Technical Note

SNZ Rounding Procedures:

At the 1976, 1981, 1986, 1991, 1996, 2001 Censuses, and again at 2006 Census, Statistics New Zealand utilised a confidentiality assurance technique of randomly rounding census statistics to base three. This enables the greatest possible amount of census data to be published, without compromising the privacy of individual responses.

Under the random rounding process, all table cell values including row and column totals, are rounded as follows:

- zero counts and counts which are already multiples of three are left unchanged
- other counts are rounded to one of the nearest multiples of three.

All rounding, including separate rounding of total and sub-totals, is carried out on the recorded results. The probabilities of rounding up or down are set so that in the long run the expected value, after rounding, equals the original count. The effect of this rounding on the accuracy of census statistics for practically any proposed use is insignificant. Furthermore, on occasion, figures or percentages have been rounded off to the nearest unit or decimal point. This may result in a total disagreeing slightly with the total of the individual items as shown in tables.