

Migration and Labour Force Trends

Otago Overview **2015**



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ISBN 978-0-947497-81-1 (online)

May, 2016

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New Zealand Government

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Otago Executive Summary

The purpose of this report is to provide an overview of Otago's recent migration population and migration trends, and with a particular focus on the Otago labour market. The report shows trends to 2014/15 and compares recent immigration patterns with previous years.

The primary data sources used in this report are Statistics New Zealand's 2013 Census of Population and Dwellings and the Ministry of Business, Innovation and Employment's (MBIE) 2014/15 immigration administrative data. The data are publicly available through Statistics New Zealand, Immigration NZ and MBIE's websites.

Growing overseas-born population in the Otago region coming mainly from the United Kingdom and Ireland

Eighteen percent of Otago's population (or 34,836 people) were born overseas according to the 2013 Census. This is an increase from the 13 percent (or 22,521 people) reported in the 2001 Census. Of the overseas-born residents in the region, the majority were born in the United Kingdom and Ireland. The proportion of Otago residents born from these countries is higher compared with the overall New Zealand population (38 percent in Otago versus 26 percent nationwide). Otago's overseas-born population is more likely to be highly qualified compared with its New Zealand-born population.

Otago has a lower unemployment rate compared with the national average

The Otago working-age population, in general, have a lower unemployment rate compared with New Zealand overall. Aggregated by birthplace, the overseas-born population have a slightly higher unemployment rate compared with the New Zealand-born population. The overall trend of unemployment for Otago, for both the overseas-born and New Zealand-born, has been generally downward and the gap between the two has been narrowing over time.

Number of Skilled Migrant Category principal applicants decreased over the past year in Otago

In 2014/15, three percent (or 327 people) of New Zealand's Skilled Migrant Category principal applicants (permanent migrants) found employment in the Otago region. This is a decrease of 13 percent on the previous period. The United Kingdom, India and the Philippines were the top source countries for skilled migrants in the region.

The top three occupations for skilled permanent migrants in Otago in 2014/15 were Chefs (13 percent), Registered Nurses (13 percent), and Café and Restaurant Managers (6 percent).

Essential Skills temporary workers increased over the past year in Otago

The Otago region is the third largest employer of Essential Skills temporary workers in the country. In 2014/15, 3,190 people were approved for Essential Skills work visas in the region. This is an increase of 9 percent over the past year. The United Kingdom and the Philippines were the top source countries for Essential Skills workers in the region.

The top three occupations for Essential Skills workers in Otago in 2014/15 were Retail Supervisors (9 percent), Chefs (6 percent) and Sports Coaches, Instructors and Officials (6 percent).

International Students numbers increase in Otago

In the 2014/15 year, 3,749 people were granted a student visa to study in Otago. This represents a five percent increase from 2013/14. Otago has the fifth largest share of international students in the country, making up five percent of the total student visas granted. Over the past year, the number of new international students in the region increased by 11 percent.

Introduction

The Otago region is a leading region for tourism, superior wool production, winemaking, design and specialised manufacturing. The region is the second most southerly region of New Zealand and covers an area of approximately 32,000, very diverse, square kilometres. The terrain includes mountainous regions, vast open plains, glacier-fed rivers and deserted sandy beaches. Main centres in the region include Dunedin, Oamaru, Balclutha, Alexandra and tourist centres, Queenstown and Wanaka.

According to the 2013 Census, Otago has a population of 202,467, which represents five percent of New Zealand's total population. Dunedin is Otago region's main city and the second largest city in the South Island of New Zealand. It is home to 59 percent of the region's population.

Otago has a high proportion of people who belong to the European ethnic group. Eighty-nine percent of Otago's residents identify themselves as European (compared with 74 percent for New Zealand overall), 8 percent identify as Māori, 5 percent as Asian and 2 percent as Pacific.

Eighteen percent of the population in the Otago region are overseas-born, compared with 25 percent for the total New Zealand population. Thirty-eight percent of Otago's overseas-born population have migrated from the United Kingdom and Ireland, followed by migrants from Asia which account for 21 percent of the overseas-born population.

Almost half of all employment in the region is focused on two sectors: social services (including education, health, central and local government) and retail trade and services. The social services sector, which includes the education industry, is also the largest employer in Dunedin. Agriculture remains the largest employer across the region.

Dunedin's Economic Development Strategy 2013-2023 was developed by seven key regional organisations. Five strategic themes were identified to grow the region's economic development over the coming decade: business vitality, alliances for innovation, a hub for skills and talent, linkages beyond borders, and a compelling destination.

At the end of 2014, Dunedin won the national Gigatown competition which will deliver a one-gigabit-per-second internet network (200 times the national average) over the coming two-to-five years to the region. This is expected to attract and retain key industry players in the digital technology field who will benefit from the enhanced infrastructure and significantly contribute to the local economy.

Background

A driving goal of Government is to build a more competitive and internationally focused economy. Migration plays a key role in meeting this goal as it helps to grow New Zealand's labour force, which in turn drives our economy. Migration also increases international connections that give access to foreign knowledge, foreign capital and international trade.

In July 2014, Government approved the New Zealand Migrant Settlement and Integration Strategy, a revised approach to successfully settle and integrate migrants in New Zealand.

The Migrant Settlement and Integration Strategy builds on the New Zealand Settlement Strategy which led Settlement work in New Zealand for the past decade. It places value on the economic contribution of migration and stresses the importance of the long-term integration of migrants in conjunction with successful initial settlement.

The Strategy's aim is that migrants: "Make New Zealand their home, participate fully and contribute to all aspects of New Zealand life".

Key to achieving this aim are the Strategy's five outcomes – Employment, Education and Training, Inclusion, English Language and Health and Wellbeing (see Figure 1).

Employment, and Education and Training are the key outcomes for the Strategy (reflecting their importance to the Government's Business Growth Agenda). However all five outcomes are strongly interconnected and contribute to the Strategy's aim, as well as to each other. For example, good English language skills and good health support migrants' participation in employment, while education and training helps them to make social connections that support their wellbeing and inclusion.

Sixteen indicators measure progress towards achievement of the five outcome areas.

Figure 1: New Outcomes Framework for Migrant Settlement and Integration



As part of the Strategy, regional support to attract and retain migrants is being stepped up, with Immigration New Zealand establishing new Regional Partnership Agreements, the first of which was developed for the Auckland region.

Quality immigration data on the current migration population in Otago, their participation in the workforce, as well as future projections of inward and outward migration helps inform Otago's Economic Development Strategy, and in turn can help deliver on the outcomes defined in the Migration Settlement and Integration Strategy.

Otago's migrant demographics

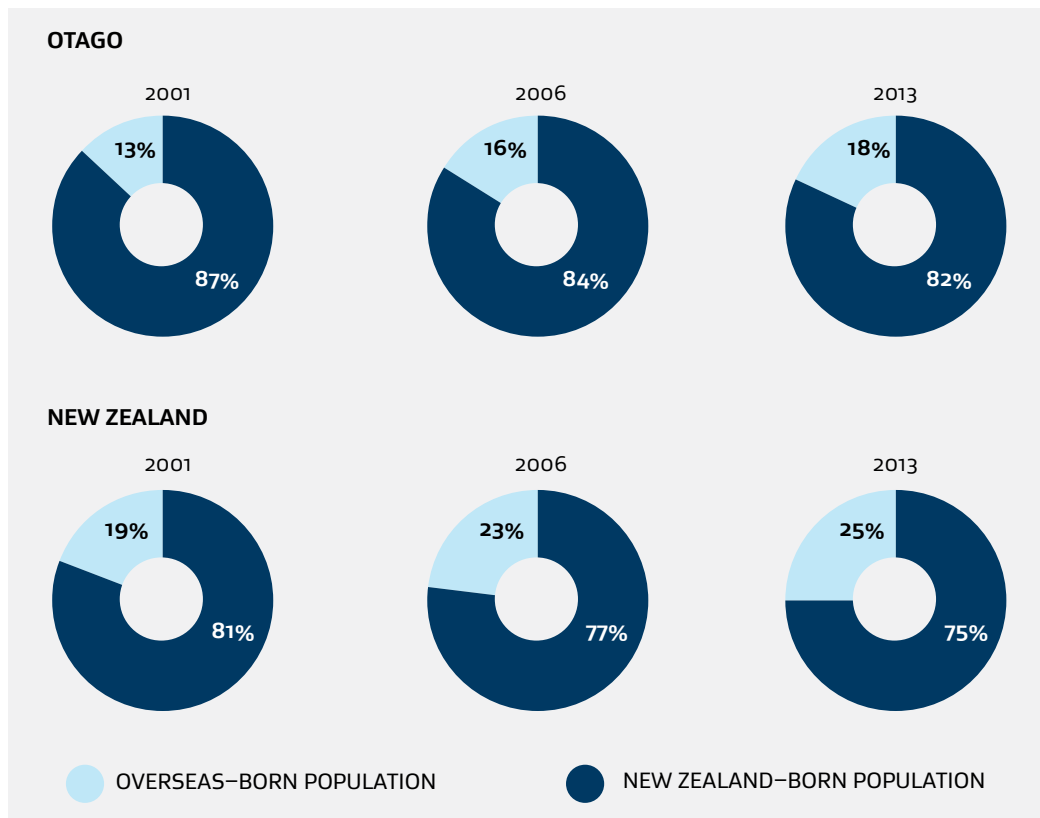
Otago is ranked as the seventh most populated region in New Zealand. According to the 2013 Census, Otago's usual resident population was 202,467, or five percent of the total New Zealand population.

The 2013 Census showed that 18 percent of Otago's total population was born overseas. This is lower than the 25 percent of the overseas-born population recorded across the overall New Zealand population.

Population size and gender

The share of the overseas-born population in Otago has been continuously growing but has remained less than that of the overall New Zealand population. The 2001 Census reported that 13 percent of the region's population was born overseas; this increased to 16 percent in the 2006 Census and further increased to 18 percent in the 2013 Census. This is illustrated in Figure 2.

Figure 2: The proportion of the overseas-born population compared with the New Zealand-born population in Otago and New Zealand overall



Source: 2001, 2006 and 2013 Censuses, Statistics New Zealand

The male to female ratio of the overseas-born population is very similar nationwide. Of those living in Otago who were born overseas, 50 percent are male and 50 percent female.

Birthplace of the overseas-born population

The Otago region has a larger share of overseas-born individuals who were born in the United Kingdom and Ireland in comparison with the overall New Zealand overseas-born population (see Table 1). Thirty-eight percent of the overseas-born residents in Otago were born in the United Kingdom and Ireland. A further 21 percent were born in Asia.

Table 1: Overseas-born population in Otago by birthplace, 2013

Birthplace (by broad geographic areas)	Otago	New Zealand
UK and Ireland	38%	26%
Asia	21%	32%
Australia	11%	6%
Europe*	10%	7%
Middle East and Africa	7%	9%
North America	6%	3%
Pacific Islands	5%	15%
Other	3%	1%

Source: 2013 Census, Statistics New Zealand

Note: *Europe excluding UK and Ireland

Recent migrants

In this report, a 'recent' migrant is defined as those who have been living in New Zealand for under two years. Table 2 shows that the majority of recent migrants coming into Otago were from Asia (31 percent) and the United Kingdom and Ireland (24 percent). The Otago region has a higher share of overseas-born new migrants who were born in the United Kingdom and Ireland compared with the overall New Zealand population.

Table 2: Number and share of overseas-born population in Otago by their country of origin, who have been in New Zealand for under two years in 2013

	Australia	Pacific Islands	UK & Ireland	Europe*	North America	Asia	Middle East & Africa	Other
Otago								
Number	669	246	1,506	696	495	1,917	330	294
% of overseas-born population	11%	4%	24%	11%	8%	31%	5%	5%
New Zealand								
Number	8,556	12,093	21,693	9,186	6,144	61,122	10,011	3,567
% of overseas-born population	6%	9%	16%	7%	5%	46%	8%	3%

Source: Census 2013, Statistics New Zealand

Note: *Europe excluding UK and Ireland.

Highest qualification

A knowledge-based society relies on a highly qualified labour force, not only in high-tech and research sectors, but increasingly in all sectors of the economy and society. Otago's economy will continue to rely on offshore skills and talent to support its growth.

Table 3 shows that the overseas-born population is more likely to be highly qualified than the New Zealand-born population. In Otago, 32 percent of those born overseas have a bachelor's degree or higher, compared with only 17 percent of the New Zealand-born population. The trend is similar for New Zealand overall.

Table 3: Overseas and New Zealand-born population by highest qualification attained, 2013

	No qualification	Overseas secondary school qualification	Level 1-3 certificate	Level 4 certificate or Level 5 or 6 diploma	Bachelor degree and level 7 qualification	Honours or post-graduate degree
Otago						
New Zealand-born	22%	1%	40%	20%	12%	5%
Overseas-born	10%	22%	19%	16%	17%	15%
New Zealand						
New Zealand-born	24%	0%	39%	20%	12%	5%
Overseas-born	14%	22%	18%	17%	18%	11%

Source: Census 2013, Statistics New Zealand

Migration and the Otago labour market

Immigration New Zealand (as part of MBIE) recognises the significance that migration plays in meeting workforce needs and, together with local council and economic development agencies, has a shared interest in attracting and retaining migrants to Otago to meet skill shortages.

Immigration New Zealand's priorities align with the Government's Business Growth Agenda which prioritises lifting the skills and productivity of the workforce overall and ensuring skilled migration meets New Zealand's needs.

Otago context

Otago's migrants make for a labour market that is both ethnically and culturally diverse. This creates opportunities as well as challenges and reaffirms the need for the long-term economic and social integration of migrants as an integral part of the region's economic growth.

Otago's population is projected to grow by, on average, 0.5 percent a year (a projected increase to 240,000) between 2013 and 2043.¹

The Otago region employs five percent of New Zealand's workers. Industries with the highest share of workers in the region are Retail Trade (11 percent), Health Care and Social Assistance (10 percent) and Education and Training (10 percent).²

This section will focus on migrant participation in Otago's labour force. As stated in a technical report published by Auckland Council³: participation, employment and unemployment rates are three of the most commonly reported and widely understood indicators of the state of the labour market. Together, these three indicators can provide insight into the pressures that individuals are facing in relation to finding and keeping a job, and the decisions they make about whether to seek work or whether to pursue other, non-work activities.

Table 4 summarises the employment rate, unemployment rate and participation rate of the working-age population in Otago in 2013, split by those born overseas and born in New Zealand. In general, Otago has a lower unemployment rate compared with the overall New Zealand working-age population. The labour force participation rate in the region is similar to that of the overall New Zealand population.

1 Statistics NZ (2015): Subnational population projections: 2013(base)-2043.

2 Source: Census 2013, Statistics New Zealand

3 Auckland Council (2014): The Labour Market and Skills in Auckland 2014: Technical Report 2014/026

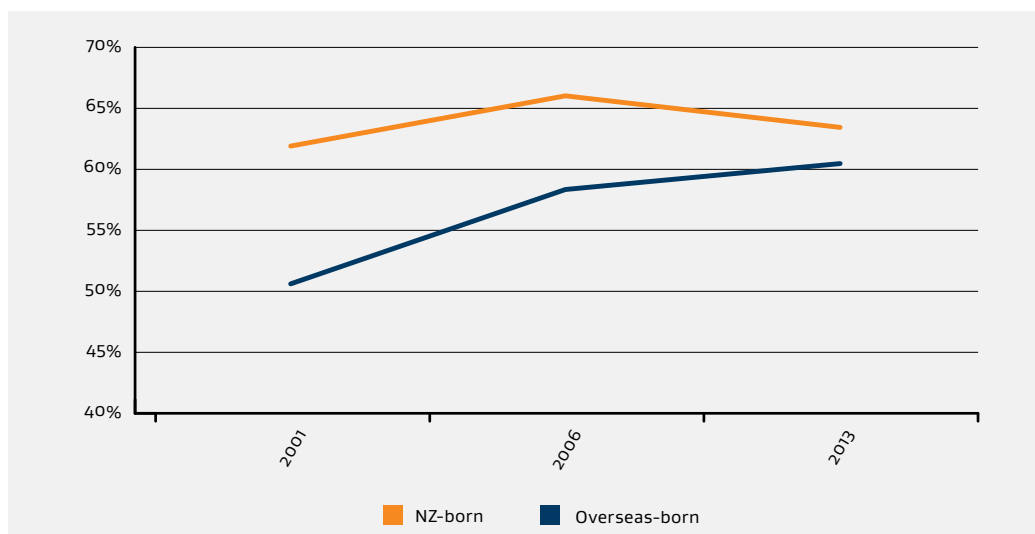
Table 4: Working-age population⁴ in Otago by labour force status and birthplace, 2013

		Employment Rate	Unemployment Rate	Participation Rate ⁵
Otago	Overseas-born	60.5%	6.4%	64.6%
	New Zealand-born	63.4%	5.4%	67.0%
New Zealand	Overseas-born	59.9%	7.4%	64.6%
	New Zealand-born	63.6%	7.0%	68.4%

Source: Census 2013, Statistics New Zealand

Figure 3 illustrates the employment rate of the working-age population in Otago over time, split by those born overseas and those born in New Zealand. The employment rate is an indicator used to show the percentage of the working-age population that is in work.

The New Zealand-born population in Otago is slightly more likely to be in employment compared to those who were born overseas. The overseas-born population has a lower employment rate compared with the New Zealand-born population, but the overall trend is showing that the employment rate for the overseas-born population is steadily increasing over time, narrowing the gap between the two populations.

Figure 3: Employment rate of overseas-born and New Zealand-born individuals in Otago, 2001-2013

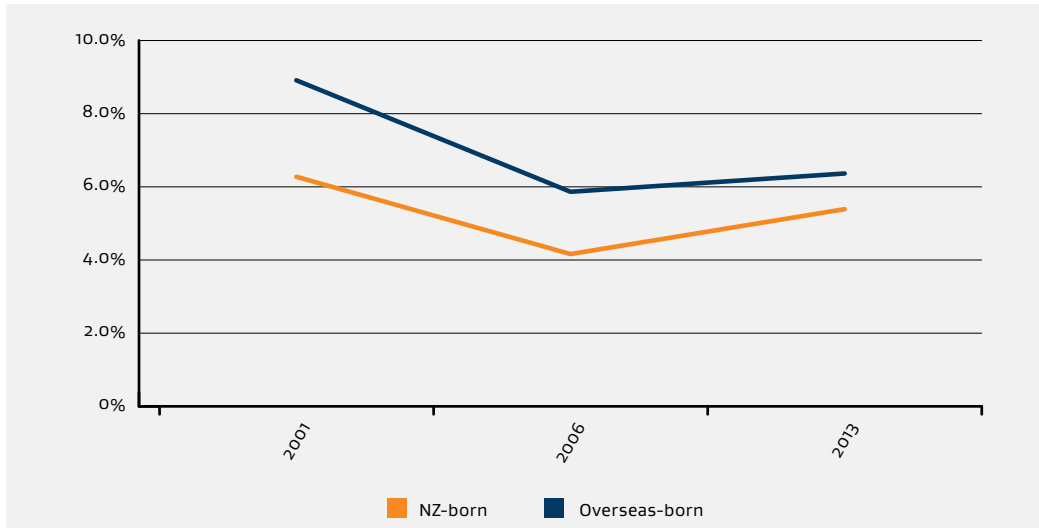
Source: 2001, 2006 and 2013 Censuses, Statistics New Zealand

The unemployment rate is an indicator showing the percentage of individuals in the labour force without a job but is available for work and actively seeking work. Figure 4 shows that the New Zealand-born population in Otago is less likely to be unemployed than the overseas-born population. The unemployment rate for both the New Zealand-born population and the overseas-born population has been showing a downward trend over time, although experiencing an increase in recent years.

⁴ Working-age population comprises those aged 15 years and over.

⁵ The participation rate is the number of people in the labour force (i.e. employed and unemployed) divided by the total working-age population.

Figure 4: Unemployment rate of overseas-born and New Zealand-born individuals in Otago, 2001-2013

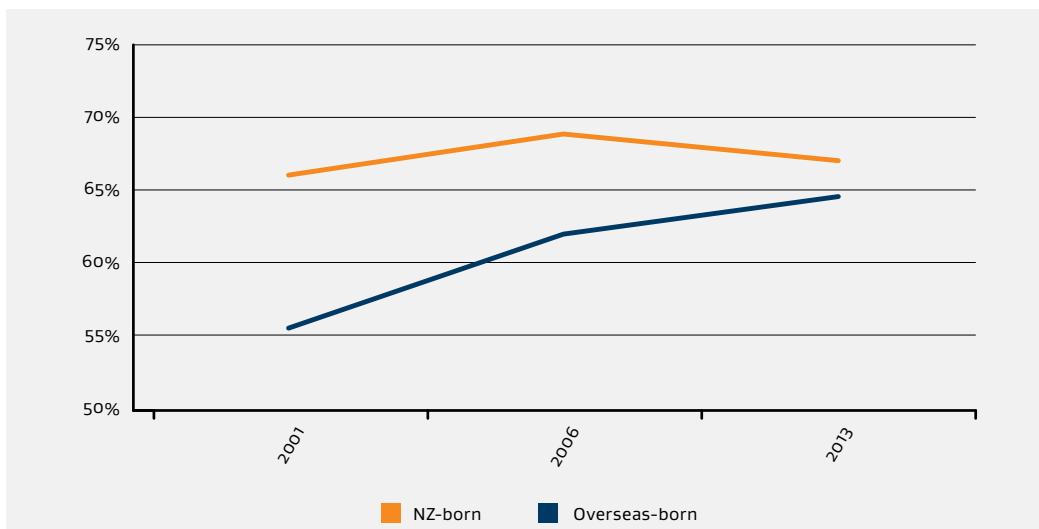


Source: 2001, 2006 and 2013 Censuses, Statistics New Zealand

Figure 5 shows the labour force participation rate of Otago's working-age population. The participation rate measures the proportion of the working-age population who are either employed, or unemployed and looking for work. This is a useful indicator to show the country's job market trends since short-term changes in the participation rate are linked to current job market conditions.

The New Zealand-born population, in general, have a higher labour force participation rate compared with the overseas-born population. The participation rate for the New Zealand-born population has remained steady over time, while the participation rate for the overseas-born population is showing an increasing trend. The gap between the two has been narrowing over time.

Figure 5: Participation rate of overseas-born and New Zealand-born individuals in Otago, 2001-2013



Source: 2001, 2006 and 2013 Censuses, Statistics New Zealand

Permanent migration

People who wish to migrate permanently to New Zealand must enter through one of the three residence streams of the New Zealand Residence Programme (NZRP). These are:

New Zealand Residence Programme stream	Percentage of NZRP in 2014/15
Skilled/Business Stream	56%
Family Stream	35%
International (Pacific Access Category and the Samoan Quota) and Humanitarian (refugees) Stream	8%

Residence provides a person with the right to live in New Zealand and to gain access to all the normal work, business, education, property, and health privileges available to New Zealanders. The permanent migrant flows have been relatively stable over time. In 2014/15, there were 43,085 residence approvals in New Zealand, down from 44,008 in 2013/14. Of these, 72 percent of residence applications were approved in New Zealand (onshore)⁶. This is a result of immigration policies that support the transition from temporary to permanent visa status⁷ of migrants who have been living and working in New Zealand.

New Zealand needs skilled migrants to contribute to skills acquisition, productivity and growth in a range of industries. Under the Skilled/Business Stream, the Skilled Migrant Category (SMC) has the largest number of residence approvals (49 percent in 2014/15). The Skilled Migrant Category is a points-based system designed to ensure people migrating to New Zealand have the skills, qualifications and work experience that New Zealand needs.

In 2014/15, 50 percent of residence approvals under the Skilled Migrant Category were principal applicants and 50 percent were secondary applicants (partners and children).

Otago context

In 2014/15, the Otago region attracted three percent (or 327 people) of the Skilled Migrant Category principal applicants to New Zealand. This is a decrease of 13 percent from the 374 approved the previous year (see Appendix 1).

■ Source country

Table 5 shows the top source countries of SMC principal applicants over the last five years. The United Kingdom is the largest source country of SMC principal applicants in Otago, followed by India and the Philippines. Together, the top five source countries represent 63 percent⁸ of the total SMC approved applicants in Otago in 2014/15.

6 MBIE, Migration Trends and Outlook 2014/15

7 These policies include the Long-Term Business Visa, Work to Residence and Study to Work Policies for foreign graduates.

8 This may differ to the total in Table 5 due to rounding.

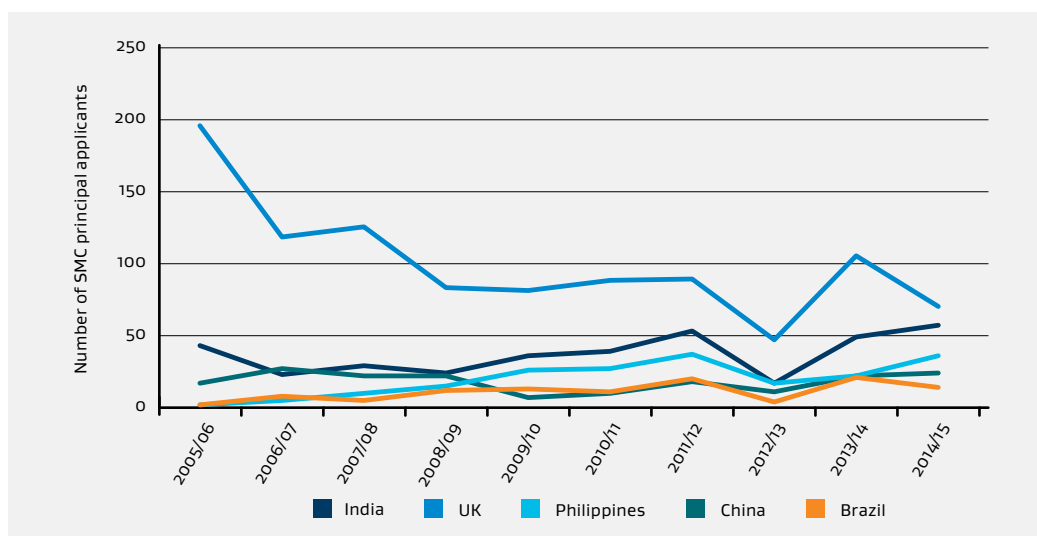
Table 5: Top source countries of Skilled Migrant Category (SMC) principal applicants in Otago, FY 2010/11 to 2014/15

Source country of principal applicant	2010/11	2011/12	2012/13	2013/14	2014/15
UK	89 (28%)	90 (24%)	48 (30%)	106 (28%)	71 (22%)
India	40 (13%)	54 (14%)	18 (11%)	50 (13%)	58 (18%)
Philippines	28 (9%)	38 (10%)	18 (11%)	23 (6%)	37 (11%)
China	11 (4%)	19 (5%)	12 (7%)	23 (6%)	25 (8%)
Brazil	12 (4%)	21 (6%)	5 (3%)	22 (6%)	15 (5%)

Source: Ministry of Business, Innovation and Employment

Figure 6 shows that the number of SMC principal applicants from the United Kingdom has been declining over the last ten years. However, the number of skilled migrants coming in from India, Philippines, China and Brazil shows an increase over time.

Despite the fall in the number of skilled migrants coming in, the United Kingdom remains the top source country of skilled migrants in the region.

Figure 6: The top five source countries of Skilled Migrant Category principal applicants in Otago, FY 2005/06 to 2014/15

Source: Ministry of Business, Innovation and Employment

■ Occupations

Table 6 shows the top occupational groups⁹ of SMC principal applicants in the Otago region for the 2014/15 year. It also summarises the top source countries for each occupation group. The top three occupations for skilled migrants in Otago in 2014/15 were Chefs (13 percent), Registered Nurses (13 percent), and Café and Restaurant Managers (6 percent).

⁹ Occupations are based on those defined in the Australian and New Zealand Standard Classification of Occupations (ANZSCO). Data presented at both a high level breakdown (i.e. 2-digit level ANZSCO) and a more detailed breakdown (i.e. 4-digit level ANZSCO) of occupations.

Table 6: Occupations of Skilled Migrant Category principal applicants with a job offer in Otago, 2013/14 and 2014/15

	Number of workers ¹⁰		% change over the past year ¹¹	Top 2 source countries for each occupation
	2013/14	2014/15		
Top 5 occupations (2-digit level ANZSCO)				
Health Professionals	27	32	19%	Philippines (41%), India (16%)
Farmers and Farm Managers	35	19	-46%	Philippines (53%), Sri Lanka (16%), Netherlands (16%)
Hospitality, Retail and Service Managers	17	19	12%	India (26%), China (21%)
Food Trades Workers	12	11	-8%	India (27%), UK (18%)
Automotive and Engineering Trades Workers	8	8	0%	Fiji (38%), South Africa (25%)
Top 5 occupations (4-digit level ANZSCO)				
Registered Nurses	22	21	-5%	Philippines (62%), India (24%)
Livestock Farmers	33	19	-42%	Philippines (53%), Sri Lanka (16%), Netherlands (16%)
Cafe and Restaurant Managers	6	10	67%	China (30%), India (20%)
Chefs	10	10	0%	India (30%), UK (20%)
Hotel Service Managers	0	6	-	India (33%), UK (17%)

Source: Ministry of Business, Innovation and Employment

¹⁰ Applicants whose occupation were not coded to ANZSCO or were classified as 'responses out of the current definition of the labour force' are excluded from the count.

¹¹ Due to the small number of counts for the region, only the top 5 occupations at the 4-digit level are reported.

Temporary migration

The temporary work policy¹² aims to facilitate the access of employers and industry to global skills and knowledge, while complementing the Government's education, training, employment and economic development policies.

Work visas allow employers to recruit temporary workers from overseas to meet particular or seasonal work shortages, while still protecting employment opportunities for New Zealand workers. In 2014/15, 170,814 people were granted work visas in New Zealand, an increase of ten percent from the 155,683 approvals in the previous year.

Temporary work policies can also lead to pathways to residence for those migrants who have the skills that New Zealand needs. In 2014/15, 18 percent of temporary workers had gained residence within three years of their first work visa¹³.

Working Holiday makers, partners of work visa holders, partners of some student visa holders and partners of New Zealand citizens and residents can also be issued temporary work visas.

Essential Skills workers

The Essential Skills policy facilitates the entry of people required on a temporary basis to fill shortages where there are no suitably qualified New Zealand citizens or residents for the work offered.

The Essential Skills data series is a good indicator of labour demand as it is a labour market tested visa. This means that employers in New Zealand have proven that they made genuine efforts to attract and recruit suitable citizens and residents to fill a position, but have been unable to find such people.

The demand for Essential Skills workers slowed down from October 2008 with the onset of the global financial crisis and its effect on the domestic economy. Since 2012/13, there has been a gradual increase in the number of Essential Skills workers in New Zealand. In 2014/15, a total of 28,548 people were approved to work in New Zealand under the Essential Skills work policy.

Otago context

Otago is the third main region of employment of Essential Skills workers. In 2014/15, a total of 3,190 people were approved to work in Otago under the Essential Skills work policy (see Appendix 2). Overall, there has been an increase of 9 percent in the number of approved workers in the region over the previous year (compared to an 8 percent increase nationwide).

■ Source country

Table 7 shows the top five source countries of Essential Skills workers in Otago from 2010/11 to 2014/15. The top five source countries accounted for over half (53 percent) of the total number of Essential Skills workers coming to jobs in Otago.

In 2014/15, the United Kingdom was the largest source country of Essential Skills workers in Otago, followed by the Philippines, Brazil, India and Ireland. Over the past year, there has been an increase in the number of Essential Skills workers from the United Kingdom, Brazil and India, while there has been a decrease in the number of workers coming in from the Philippines and Ireland.

¹² This includes Essential Skills, Work to Residence, Family and Study to Work.

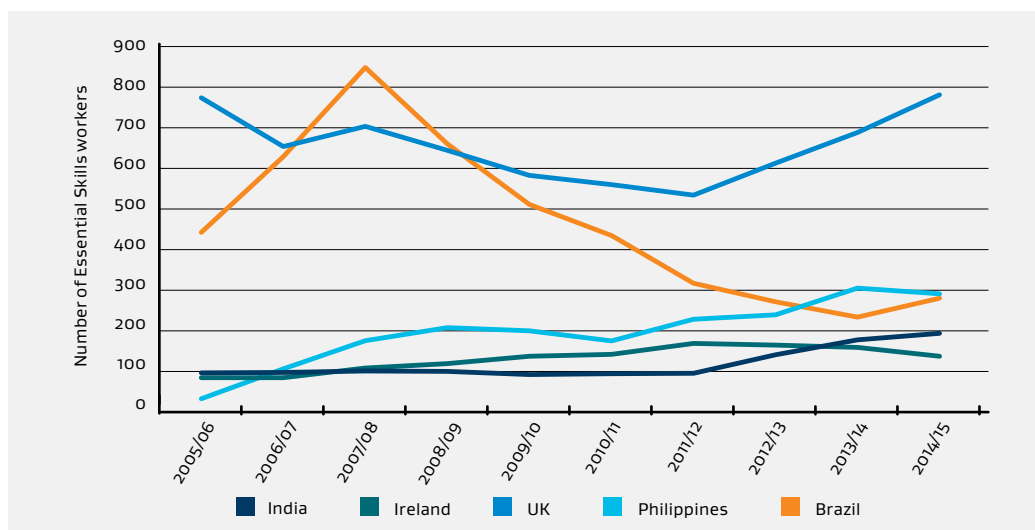
¹³ MBIE, Migration Trends and Outlook 2014/15

Table 7: Source country of Essential Skills workers in Otago, FY 2010/11 to 2014/15

	2010/11	2011/12	2012/13	2013/14	2014/15
UK	561 (22%)	535 (22%)	614 (24%)	690 (24%)	783 (25%)
Philippines	174 (7%)	228 (9%)	239 (9%)	305 (10%)	291 (9%)
Brazil	435 (17%)	317 (13%)	271 (10%)	233 (8%)	280 (9%)
India	93 (4%)	94 (4%)	140 (5%)	177 (6%)	193 (6%)
Ireland	141 (6%)	168 (7%)	164 (6%)	158 (5%)	136 (4%)

Source: Ministry of Business, Innovation and Employment

Figure 7 shows that the number of Essential Skills workers arriving from most of the top source countries has been generally increasing over the last 10 years, apart from Brazil, which peaked in 2007/08. Overall, the United Kingdom has remained the main source country of Essential Skills workers in Otago.

Figure 7: The top five source countries of Essential Skills workers in the Otago region, FY 2005/06 to 2014/15

Source: Ministry of Business, Innovation and Employment

Occupations

Table 8 shows the top 10 occupation groups¹⁴ of approved Essential Skills workers who received an offer of employment in the 2014/15 year. It also summarises the top source countries for each occupation group. The top three occupations for Essential Skills workers in Otago in 2014/15 are Retail Supervisors (9 percent), Chefs (6 percent) and Sports Coaches, Instructors and Officials (6 percent).

¹⁴ Occupations are based on those defined in the Australian and New Zealand Standard Classification of Occupations (ANZSCO). Data presented at both a high level breakdown (i.e. 2-digit level ANZSCO) and a more detailed breakdown (i.e. 4-digit level ANZSCO) of occupations.

Table 8: Occupations of Essential Skills workers in Otago, FY 2013/14 and 2014/15

	Number of workers		% change over the past year	Top 2 source countries for each occupation
	2013/14	2014/15		
Top 10 occupations (2-digit level ANZSCO)				
Sales Assistants and Salespersons	396	428	8.1%	UK (36%), India (9%)
Sports and Personal Service Workers	317	351	10.7%	UK (37%), US (11%)
Hospitality Workers	332	342	3.0%	UK (26%), Ireland (7%)
Cleaners and Laundry Workers	281	324	15.3%	Brazil (27%), Chile (8%)
Food Trades Workers	261	272	4.2%	UK (14%), China (11%)
Food Preparation Assistants	157	169	7.6%	Brazil (22%), UK (10%)
Farmers and Farm Managers	144	136	-5.6%	Philippines (60%), Sri Lanka (5%)
Hospitality, Retail and Service Managers	100	113	13.0%	UK (35%), India (22%)
Other Labourers	70	106	51.4%	Brazil (19%), Philippines (16%)
Inquiry Clerks and Receptionists	73	95	30.1%	UK (36%), Ireland (7%)
Top 10 occupations (4-digit level ANZSCO)				
Retail Supervisors	226	285	26.1%	UK (39%), India (11%)
Chefs	195	198	1.5%	UK (16%), China (11%)
Sports Coaches, Instructors and Officials	177	191	7.9%	UK (45%), US (12%)
Housekeepers	172	172	0.0%	Brazil (14%), Japan (11%)
Waiters	130	152	16.9%	UK (26%), France (9%)
Livestock Farmers	141	133	-5.7%	Philippines (61%), Sri Lanka (5%)
Sales Assistants (General)	156	116	-25.6%	UK (29%), China (16%)
Receptionists	63	92	46.0%	UK (34%), Ireland (8%)
Commercial Cleaners	71	89	25.4%	Brazil (48%), Philippines (12%)
Outdoor Adventure Guides	76	84	10.5%	UK (26%), US (15%)

Source: Ministry of Business, Innovation and Employment

International students

International Education makes a considerable contribution to New Zealand's economy. The current economic value of export education is estimated to be worth \$2.75 billion¹⁵. The Leadership Statement for International Education 2011, which aims to double the economic value of international education to \$5 billion over the next 15 years, includes targets to:

- › increase the number of international students enrolled in New Zealand providers offshore, from 3,000 to 10,000
- › double the number of international postgraduate students (particularly in programmes in addition to those at PhD level) from 10,000 to 20,000
- › increase the transition rate from study to residence for international university students.

Student policy is New Zealand's temporary entry policy for international students. It aims to attract genuine international students who have the skills and talent New Zealand needs. In 2014/15, 84,856 international students¹⁶ were approved to study in New Zealand, a 16 percent increase from 73,423 in 2013/14 (see Appendix 2).

International students have identified that they chose to study in New Zealand because of the quality and cost of education, opportunities to work after graduation and to apply for residence, and opportunities to study in an English language country¹⁷.

Many international students stay on to work in New Zealand after they complete their study. Immigration policies enable the most skilled to stay in New Zealand and take up skilled employment, so that they can help drive economic growth. In 2014/15, 43 percent of skilled migrant category principal applicants were previously on a student visa in New Zealand. Seventeen percent of full fee paying students were granted a resident visa within five years of being issued their first student visa¹⁸. The trend is a steady take up of permanent residence over time. Several factors might influence the length of time it takes a student to get residence, including the length of time of study and whether there is an intermediary move to a work visa before applying for residence.

To ensure New Zealand continues to benefit from having international students and secure a healthy growth in this sector, we must ensure that international students in New Zealand have a high quality experience, so New Zealand's reputation as a safe and attractive education destination is maintained.

Otago context

Overseas students are an important contributor to migration into New Zealand. The University of Otago, located in Dunedin, attracts many of its students from outside the region. Dunedin City has become an educational centre and much of the city's economy relies on the presence of students in tertiary education. Otago has the fifth largest share of international students in the country, making up five percent of the total student visas granted.

In 2014/15, 3,749 people intending to study in Otago were issued visas. This represents a 5 percent increase from 2013/14 (see Appendix 3). There has been an increase in the number of new international students in Otago, up 11 percent between 2013/14 and 2014/15 (see Appendix 4).

15 Infometrics (2015). *The economic impact of international education 2014*. Wellington: Education New Zealand. http://enz.govt.nz/sites/public_files/ExportEd2014.pdf

16 This includes primary and secondary school students.

17 MBIE (2010). *Life After Study: International students' settlement experiences in New Zealand*.

18 MBIE, *Migration Trends and Outlook 2014/15*.

Further readings on International Students

■ Student Visa Dashboard January 2016

This dashboard was developed by Education New Zealand and is based on Immigration New Zealand (INZ) data on student visas issued. It provides a monthly summary of where in New Zealand international students are choosing to study, and what education sector they are enrolled in. Student visa data is a strong indicator of whether students are entering, staying or leaving New Zealand to study, which can be used as a predictor for future enrolment trends.

http://www.enz.govt.nz/sites/public_files/Student%20Visa%20Dashboard%20January%202016.pdf

■ New Zealand International Education Snapshot: January to August 2015

Developed by Education New Zealand, this provides a snapshot of the trends in New Zealand's international student enrolments. It brings together data from a number of sources and the trends are presented by sector, fields of study, level of study, location of study and top movements by source country.

http://www.enz.govt.nz/sites/public_files/Final%20January-August%202015%20snapshot.pdf

Conclusion

The report provides an overview of the demographics of the overseas-born population living in the Otago region and detailed information on the source country and occupation of migrants who have come to New Zealand under the Skilled Migrant Category and the Essential Skills policy with job offers in Otago.

Some of the key points of note are:

- › Eighteen percent of Otago's population are overseas-born.
- › Of the overseas-born population in Otago, 38 percent were born in the United Kingdom and Ireland and a further 21 percent were born in Asia. The proportion of the overseas-born population in Otago who were born in the United Kingdom and Ireland is higher than the proportion for New Zealand overall.
- › Three percent of New Zealand's approved SMC principal applicants reside in Otago in 2014/15, most of whom arrive from the United Kingdom and India.
- › The top three occupations of SMC principal applicants in Otago in 2014/15 were Chefs (13 percent), Registered Nurses (13 percent) and Cafe and Restaurant Managers (6 percent).
- › The United Kingdom was the largest source country of Essential Skills workers in Otago (25 percent) followed by the Philippines (9 percent).
- › The top three occupations for Essential Skills workers in Otago in 2014/15 were Retail Supervisors (9 percent), Chefs (6 percent) and Sports Coaches, Instructors and Officials (6 percent).
- › Five percent of student visas (3,749 people) granted in 2014/15 (where a region was specified) were for study in Otago. This is an increase of five percent on the previous year.

Appendices

Appendix 1: Region of skilled employment for Skilled Migrant Category principal applicants, FY 2009/10-2014/15

Region	Financial Year						% change since 2013/14
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	
Auckland	3,706	4,002	4,063	4,648	4,317	4,648	8%
Canterbury	861	754	990	774	1,629	1,473	-10%
Wellington	1,182	918	1,018	1,051	972	1,036	7%
Waikato	656	535	473	493	430	482	12%
Bay of Plenty	407	439	305	276	399	461	16%
Otago	288	313	378	162	374	327	-13%
Manawatu-Wanganui	211	201	190	172	188	160	-15%
Taranaki	202	174	133	168	166	142	-14%
Northland	205	203	146	143	142	167	18%
Southland	91	91	124	62	137	130	-5%
Hawke's Bay	137	139	87	125	135	148	10%
Nelson	84	66	92	42	90	61	-32%
Marlborough	63	60	76	31	73	53	-27%
Other	214	198	184	154	167	177	6%
Total	8,307	8,093	8,259	8,301	9,219	9,465	3%

Source: Ministry of Business, Innovation and Employment

Note: 'Other' includes Gisborne and West Coast

Appendix 2: Number of people granted Essential Skills work visas by region of employment, FY 2005/06-2014/15

Region	Financial Year											% change since 2013/14
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15		
Auckland	9,225	9,860	10,585	10,191	7,873	8,094	7,016	6,639	7,580	8,668	14%	
Canterbury	3,234	3,499	4,545	3,567	2,910	2,469	3,335	4,694	6,592	7,166	9%	
Otago	2,864	3,259	3,904	3,206	2,645	2,531	2,482	2,604	2,927	3,190	9%	
Wellington	2,470	2,376	3,496	2,637	1,978	1,869	1,963	1,979	2,119	2,061	-3%	
Waikato	1,610	1,673	1,776	1,492	1,100	1,086	1,198	1,195	1,342	1,450	8%	
Bay of Plenty	882	1,526	1,529	1,035	833	826	809	709	920	998	8%	
Southland	377	562	778	790	624	721	713	737	752	935	24%	
Nelson/Marlborough/Tasman	774	1,274	1,886	1,285	748	609	659	641	756	796	5%	
Manawatu-Wanganui	601	589	667	573	480	481	462	455	507	515	2%	
Hawke's Bay	525	955	750	382	304	299	284	331	380	429	13%	
Taranaki	397	551	854	595	496	514	505	479	710	424	-40%	
Northland	292	347	346	309	256	270	247	269	320	380	19%	
West Coast	108	148	144	173	171	142	175	170	211	213	1%	
Gisborne	92	116	91	111	88	111	152	172	181	193	7%	
Region not specified	5,294	4,280	4,982	3,280	2,441	2,319	2,065	1,332	1,200	1,130		
Total where region is known	23,451	26,735	31,351	26,346	20,506	20,022	20,000	21,074	25,297	27,418	8%	
Total	28,745	31,015	36,333	29,626	22,947	22,341	22,065	22,406	26,497	28,548	8%	

Source: Ministry of Business, Innovation and Employment.

Appendix 3: Number of people granted student visas by region of study, FY 2005/06-2014/15

Region	Financial Year										% change since 2013/14
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	
Auckland	31,366	29,866	30,774	33,278	33,952	36,499	34,741	31,984	38,929	46,697	20%
Canterbury	9,455	8,746	8,224	8,422	8,639	7,367	5,189	5,215	5,832	6,720	15%
Wellington	5,034	4,805	4,508	4,231	4,422	4,371	4,162	4,148	4,204	4,628	10%
Waikato	4,662	3,942	3,761	3,810	3,821	3,705	3,674	3,494	3,667	3,985	9%
Otago	3,511	3,312	3,220	3,360	3,556	3,629	3,524	3,526	3,587	3,749	5%
Bay of Plenty	952	996	1,079	1,396	1,520	2,238	2,057	1,792	2,311	2,680	16%
Manawatu-Wanganui	2,751	2,369	2,249	2,220	2,283	2,327	2,494	2,240	2,247	2,314	3%
Nelson/Marlborough/Tasman	632	649	728	796	882	886	830	673	671	1,023	52%
Southland	198	185	187	226	344	434	501	526	648	767	18%
Hawke's Bay	478	494	517	555	543	598	689	543	623	745	20%
Taranaki	652	512	442	474	544	546	536	463	517	549	6%
Northland	390	444	433	467	518	426	472	425	417	451	8%
Other	133	113	97	62	68	53	36	32	49	41	-16%
Region not specified	9,050	10,716	12,886	13,810	11,663	11,017	10,000	9,128	9,721	10,507	
Total where region is known	60,214	56,433	56,219	59,297	61,092	63,079	58,905	55,061	63,702	74,349	17%
Total	69,264	67,149	69,105	73,107	72,755	74,096	68,905	64,189	73,423	84,856	16%

Source: Ministry of Business, Innovation and Employment

Note: 'Other' includes Gisborne and West Coast.

Appendix 4: Number of new students by region of study, FY 2005/06-2014/15

Region	Financial Year											% change since 2013/14
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15		
Auckland	9,983	12,229	15,416	17,687	17,835	19,235	17,421	14,828	20,283	26,029	28%	
Canterbury	3,701	4,214	4,394	4,869	4,700	3,685	2,104	2,558	3,217	3,858	20%	
Wellington	1,916	2,089	2,176	2,333	2,482	2,438	2,246	2,291	2,316	2,797	21%	
Waikato	1,586	1,653	1,958	2,177	1,917	1,827	1,776	1,725	1,936	2,208	14%	
Otago	1,564	1,693	1,725	1,894	2,026	2,064	1,829	1,767	1,884	2,083	11%	
Bay of Plenty	558	702	769	1,074	1,097	1,711	1,408	1,211	1,499	1,839	23%	
Manawatu-Wanganui	1,026	1,088	1,240	1,182	1,141	1,115	1,214	1,038	1,033	1,123	9%	
Nelson/Marlborough/ Tasman	407	473	517	578	597	594	544	472	471	813	73%	
Southland	123	124	148	179	252	293	335	314	394	530	35%	
Hawke's Bay	283	341	361	390	354	388	477	319	387	483	25%	
Northland	257	335	337	382	430	367	401	341	331	332	0%	
Taranaki	247	239	252	300	341	353	298	218	309	278	-10%	
Other	101	86	73	46	55	32	21	22	31	26	-16%	
Region not specified	5,589	7,205	8,576	8,605	5,130	4,484	4,351	4,337	5,027	5,631		
Total where region is known	21,752	25,266	29,366	33,091	33,227	34,102	30,074	27,104	34,091	42,399	24%	
Total	27,341	32,471	37,942	41,696	38,357	38,586	34,425	31,441	39,118	48,030	23%	

Source: Ministry of Business, Innovation and Employment

Note 1: In this analysis, a student is counted as 'new' the year in which their first visa was approved. This is a subset of Appendix 2.

Note 2: 'Other' includes Gisborne and West Coast

