



# *Getting it right*

A series of workforce planning  
and development resources

## **DHB population profiles 2020-2030**

**Statistics New Zealand  
projections 2019 update**

**Te Pou o te  
Whakaaro Nui**

# Acknowledgements

This document is based on information provided by the Ministry of Health to Te Pou o te Whakaaro Nui (Te Pou). Population projections are based on Statistics New Zealand's data which are licensed by Statistics New Zealand for re-use under the Creative Commons Attribution 4.0 International license. The projections were produced by Statistics New Zealand specifically for the Ministry of Health according to assumptions specified by the Ministry, and are based on the 2013 Population census estimated resident population.

More detailed information, including primary and secondary ethnicity, age groups, and gender, can be requested from Statistics New Zealand, the Ministry of Health, or Te Pou.

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## Background

Effective workforce planning and development is informed by the current population profile and anticipates future population size and composition. Population projections provide vital information to help people involved in workforce planning determine:

- what services they need to offer in the future
- the workforce changes that are needed to reach those service goals.<sup>2</sup>

This resource summarises Statistics New Zealand's population projections updated for 2019 specifically for the Ministry of Health. Statistics New Zealand produce the information according to assumptions provided by the Ministry,<sup>1</sup> and based on the 2013 Population Census.

Population projections are summarised in the tables provided here by DHB-locality and region, for each year from 2020 to 2030 inclusive. The information is reported in total, and by age and ethnic groups.

This information supports people doing workforce planning to profile their DHB-locality's current and future population. The information helps users to explore the future population changes they need to consider in their planning and development activities.

### Important information

The data tables provided in this document can be copied into Excel spreadsheets so users can make calculations relevant to their planning needs. For example to estimate population growth among the different ethnic groups in their population over time.

The following is other useful information for users of this resource.

- DHB-locality totals provided for each DHB-locality summarise unique individuals.
- Regional totals are the sum of DHB-locality information.
- Ethnic group totals are based upon prioritised ethnicity, so this means that individuals are counted in only one ethnic group. People who identified within more than one ethnic group in the 2013 Population Census are reported only once in the following order – Māori, Pasifika, Asian, then Other.
- The projections provided here are based on the medium series of projections.

More information is provided in Statistics New Zealand's technical notes included in the Appendix to this document.

# Population projections tables

## Total population (all age groups) by ethnicity

Table 1. Total population projections for all age and ethnic groups, for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	490,980	496,770	502,970	509,570	516,510	523,430	530,220	536,810	543,470	550,230	557,000
Counties Manukau	574,260	583,050	590,720	597,820	604,830	611,830	618,800	625,560	632,230	639,110	646,020
Northland	192,030	194,360	195,520	196,630	197,720	198,790	199,860	200,810	201,880	202,750	203,520
Waitematā	623,910	633,600	643,350	652,850	662,510	672,050	681,430	690,720	699,840	709,050	718,220
<b>Northern total</b>	<b>1,881,180</b>	<b>1,907,780</b>	<b>1,932,560</b>	<b>1,956,870</b>	<b>1,981,570</b>	<b>2,006,100</b>	<b>2,030,310</b>	<b>2,053,900</b>	<b>2,077,420</b>	<b>2,101,140</b>	<b>2,124,760</b>
<b>Midland region</b>											
Bay of Plenty	257,310	260,690	263,310	265,330	267,290	269,360	271,270	273,190	275,100	276,820	278,590
Lakes	115,890	116,810	117,430	117,750	118,090	118,390	118,660	118,970	119,230	119,440	119,680
Tairāwhiti	49,635	49,840	50,020	50,195	50,290	50,485	50,540	50,705	50,815	50,920	50,960
Taranaki	123,960	124,855	125,490	126,150	126,675	127,155	127,690	128,200	128,770	129,190	129,570
Waikato	432,940	438,440	442,670	446,100	449,640	453,110	456,530	459,830	463,140	466,290	469,290
<b>Midland total</b>	<b>979,735</b>	<b>990,635</b>	<b>998,920</b>	<b>1,005,525</b>	<b>1,011,985</b>	<b>1,018,500</b>	<b>1,024,690</b>	<b>1,030,895</b>	<b>1,037,055</b>	<b>1,042,660</b>	<b>1,048,090</b>
<b>Central region</b>											
Capital and Coast	319,120	322,160	324,820	326,790	328,730	330,700	332,570	334,440	336,330	338,090	339,930
Hawke's Bay	175,470	176,940	177,850	178,330	178,920	179,410	179,850	180,300	180,800	181,130	181,390
Hutt Valley	156,210	157,310	158,120	158,550	159,090	159,650	160,040	160,510	160,980	161,460	161,710
MidCentral	185,430	186,930	188,050	188,730	189,410	190,120	190,950	191,600	192,360	192,890	193,510
Wairarapa	48,270	48,710	48,945	49,040	49,175	49,340	49,500	49,590	49,750	49,810	49,845
Whanganui	68,240	68,590	68,685	68,690	68,650	68,600	68,630	68,550	68,480	68,460	68,420
<b>Central total</b>	<b>952,740</b>	<b>960,640</b>	<b>966,470</b>	<b>970,130</b>	<b>973,975</b>	<b>977,820</b>	<b>981,540</b>	<b>984,990</b>	<b>988,700</b>	<b>991,840</b>	<b>994,805</b>
<b>South Island region</b>											
Canterbury	574,840	581,750	587,510	592,990	598,480	603,900	609,270	614,560	619,760	624,810	629,780
Nelson Marlborough	158,570	160,100	161,250	162,000	162,790	163,550	164,280	164,950	165,660	166,270	166,780
South Canterbury	61,700	62,170	62,530	62,800	63,070	63,355	63,635	63,900	64,245	64,435	64,695
Southern	343,360	346,420	348,430	349,830	351,210	352,600	353,920	355,240	356,560	357,640	358,750
West Coast	32,600	32,565	32,535	32,545	32,495	32,405	32,340	32,320	32,200	32,130	32,050
<b>South Island total</b>	<b>1,171,070</b>	<b>1,183,005</b>	<b>1,192,255</b>	<b>1,200,165</b>	<b>1,208,045</b>	<b>1,215,810</b>	<b>1,223,445</b>	<b>1,230,970</b>	<b>1,238,425</b>	<b>1,245,285</b>	<b>1,252,055</b>
<b>Total population</b>	<b>4,984,725</b>	<b>5,042,060</b>	<b>5,090,205</b>	<b>5,132,690</b>	<b>5,175,575</b>	<b>5,218,230</b>	<b>5,259,985</b>	<b>5,300,755</b>	<b>5,341,600</b>	<b>5,380,925</b>	<b>5,419,710</b>

Table 2. Māori population projections for all age groups, for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	40,250	40,610	40,960	41,330	42,030	42,650	43,360	43,990	44,680	45,380	46,070
Counties Manukau	93,560	94,980	96,430	97,900	99,330	100,700	102,200	103,600	105,040	106,560	108,150
Northland	68,630	69,660	70,720	71,750	72,780	73,830	74,840	75,830	76,860	77,940	78,990
Waitematā	63,390	64,390	65,480	66,520	67,580	68,690	69,730	70,820	71,900	73,010	74,120
<b>Northern total</b>	<b>265,830</b>	<b>269,640</b>	<b>273,590</b>	<b>277,500</b>	<b>281,720</b>	<b>285,870</b>	<b>290,130</b>	<b>294,240</b>	<b>298,480</b>	<b>302,890</b>	<b>307,330</b>
<b>Midland region</b>											
Bay of Plenty	65,740	66,700	67,690	68,640	69,620	70,600	71,510	72,470	73,450	74,410	75,400
Lakes	42,580	43,200	43,900	44,560	44,950	45,400	45,770	46,220	46,630	47,060	47,490
Tairāwhiti	26,430	26,730	27,030	27,310	27,440	27,640	27,770	27,920	28,040	28,150	28,230
Taranaki	24,960	25,390	25,810	26,310	26,760	27,220	27,720	28,170	28,620	29,130	29,590
Waikato	103,510	105,340	107,180	109,030	110,840	112,690	114,500	116,300	118,160	120,060	121,980
<b>Midland total</b>	<b>263,220</b>	<b>267,360</b>	<b>271,610</b>	<b>275,850</b>	<b>279,610</b>	<b>283,550</b>	<b>287,270</b>	<b>291,080</b>	<b>294,900</b>	<b>298,810</b>	<b>302,690</b>
<b>Central region</b>											
Capital and Coast	37,580	38,140	38,770	39,390	39,980	40,670	41,260	41,880	42,530	43,150	43,830
Hawke's Bay	47,550	48,160	48,720	49,350	50,000	50,620	51,250	51,870	52,510	53,160	53,820
Hutt Valley	27,810	28,160	28,580	29,000	29,340	29,790	30,120	30,520	30,910	31,310	31,650
MidCentral	38,720	39,470	40,160	40,840	41,590	42,370	43,150	43,910	44,670	45,430	46,280
Wairarapa	8,790	8,950	9,150	9,300	9,510	9,680	9,900	10,110	10,310	10,500	10,690
Whanganui	18,640	18,860	19,020	19,200	19,360	19,540	19,750	19,910	20,090	20,270	20,470
<b>Central total</b>	<b>179,090</b>	<b>181,740</b>	<b>184,400</b>	<b>187,080</b>	<b>189,780</b>	<b>192,670</b>	<b>195,430</b>	<b>198,200</b>	<b>201,020</b>	<b>203,820</b>	<b>206,740</b>
<b>South Island region</b>											
Canterbury	56,020	57,440	58,820	60,210	61,630	63,050	64,430	65,910	67,300	68,740	70,200
Nelson Marlborough	17,550	17,940	18,320	18,670	19,070	19,470	19,860	20,220	20,610	21,020	21,440
South Canterbury	5,620	5,730	5,900	6,030	6,190	6,360	6,510	6,710	6,890	7,060	7,270
Southern	36,740	37,460	38,200	38,910	39,640	40,350	41,070	41,830	42,570	43,300	44,080
West Coast	3,890	3,940	3,970	4,030	4,090	4,100	4,160	4,220	4,220	4,280	4,320
<b>South Island total</b>	<b>119,820</b>	<b>122,510</b>	<b>125,210</b>	<b>127,850</b>	<b>130,620</b>	<b>133,330</b>	<b>136,030</b>	<b>138,890</b>	<b>141,590</b>	<b>144,400</b>	<b>147,310</b>
<b>Total population</b>	<b>827,960</b>	<b>841,250</b>	<b>854,810</b>	<b>868,280</b>	<b>881,730</b>	<b>895,420</b>	<b>908,860</b>	<b>922,410</b>	<b>935,990</b>	<b>949,920</b>	<b>964,070</b>

Table 3. Pasifika population projections for all age groups, for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	54,000	54,500	54,950	55,430	56,010	56,630	57,180	57,790	58,420	59,030	59,720
Counties Manukau	125,930	128,160	130,400	132,630	134,880	137,130	139,370	141,650	143,890	146,210	148,510
Northland	3,980	4,120	4,190	4,310	4,420	4,490	4,600	4,700	4,830	4,920	5,000
Waitematā	44,640	45,550	46,420	47,250	48,270	49,200	50,150	51,110	52,090	53,060	54,060
<b>Northern total</b>	<b>228,550</b>	<b>232,330</b>	<b>235,960</b>	<b>239,620</b>	<b>243,580</b>	<b>247,450</b>	<b>251,300</b>	<b>255,250</b>	<b>259,230</b>	<b>263,220</b>	<b>267,290</b>
<b>Midland region</b>											
Bay of Plenty	4,700	4,810	5,010	5,140	5,240	5,450	5,580	5,700	5,850	5,980	6,180
Lakes	2,810	2,770	2,790	2,820	2,830	2,790	2,770	2,760	2,770	2,730	2,730
Tairāwhiti	1,175	1,200	1,210	1,245	1,240	1,270	1,280	1,315	1,335	1,360	1,370
Taranaki	1,650	1,695	1,740	1,800	1,845	1,915	1,950	2,010	2,080	2,090	2,150
Waikato	13,040	13,370	13,740	14,080	14,450	14,760	15,120	15,450	15,810	16,140	16,470
<b>Midland total</b>	<b>23,375</b>	<b>23,845</b>	<b>24,490</b>	<b>25,085</b>	<b>25,605</b>	<b>26,185</b>	<b>26,700</b>	<b>27,235</b>	<b>27,845</b>	<b>28,300</b>	<b>28,900</b>
<b>Central region</b>											
Capital and Coast	22,580	22,700	22,870	22,950	23,100	23,210	23,320	23,420	23,550	23,630	23,730
Hawke's Bay	7,270	7,380	7,530	7,630	7,820	7,940	8,080	8,210	8,350	8,480	8,610
Hutt Valley	11,920	12,000	12,090	12,160	12,280	12,310	12,380	12,440	12,530	12,610	12,650
MidCentral	5,840	5,940	6,110	6,250	6,320	6,480	6,610	6,740	6,860	7,000	7,120
Wairarapa	1,010	1,020	1,050	1,040	1,060	1,075	1,090	1,080	1,100	1,110	1,125
Whanganui	1,900	1,940	1,985	2,020	2,060	2,100	2,160	2,190	2,190	2,250	2,330
<b>Central total</b>	<b>50,520</b>	<b>50,980</b>	<b>51,635</b>	<b>52,050</b>	<b>52,640</b>	<b>53,115</b>	<b>53,640</b>	<b>54,080</b>	<b>54,580</b>	<b>55,080</b>	<b>55,565</b>
<b>South Island region</b>											
Canterbury	16,170	16,600	17,040	17,460	17,900	18,330	18,770	19,170	19,630	20,040	20,480
Nelson Marlborough	3,040	3,100	3,210	3,230	3,370	3,390	3,510	3,590	3,650	3,740	3,810
South Canterbury	920	960	980	1,020	1,060	1,085	1,135	1,150	1,205	1,225	1,265
Southern	7,770	8,030	8,270	8,520	8,730	8,950	9,170	9,400	9,620	9,850	10,090
West Coast	385	400	405	430	445	460	475	500	500	525	530
<b>South Island total</b>	<b>28,285</b>	<b>29,090</b>	<b>29,905</b>	<b>30,660</b>	<b>31,505</b>	<b>32,215</b>	<b>33,060</b>	<b>33,810</b>	<b>34,605</b>	<b>35,380</b>	<b>36,175</b>
<b>Total population</b>	<b>330,730</b>	<b>336,245</b>	<b>341,990</b>	<b>347,415</b>	<b>353,330</b>	<b>358,965</b>	<b>364,700</b>	<b>370,375</b>	<b>376,260</b>	<b>381,980</b>	<b>387,930</b>



Table 4. Asian population projections for all age groups, for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	162,120	167,590	173,240	178,900	184,720	190,500	196,200	201,770	207,340	213,070	218,810
Counties Manukau	165,600	171,880	177,110	181,170	185,140	189,080	192,960	196,810	200,600	204,270	207,920
Northland	7,140	7,530	7,860	8,190	8,510	8,850	9,150	9,460	9,780	10,070	10,380
Waitematā	159,930	166,900	173,310	178,940	184,510	189,990	195,460	200,820	206,100	211,390	216,630
<b>Northern total</b>	<b>494,790</b>	<b>513,900</b>	<b>531,520</b>	<b>547,200</b>	<b>562,880</b>	<b>578,420</b>	<b>593,770</b>	<b>608,860</b>	<b>623,820</b>	<b>638,800</b>	<b>653,740</b>
<b>Midland region</b>											
Bay of Plenty	16,960	17,880	18,760	19,580	20,430	21,220	22,060	22,880	23,640	24,450	25,190
Lakes	9,300	9,750	10,140	10,450	10,830	11,170	11,500	11,830	12,130	12,460	12,770
Tairāwhiti	1,170	1,210	1,240	1,280	1,320	1,365	1,380	1,420	1,470	1,510	1,530
Taranaki	5,690	5,960	6,200	6,440	6,660	6,860	7,100	7,310	7,580	7,810	8,000
Waikato	45,410	47,610	49,530	51,080	52,550	54,000	55,460	56,870	58,220	59,590	60,900
<b>Midland total</b>	<b>78,530</b>	<b>82,410</b>	<b>85,870</b>	<b>88,830</b>	<b>91,790</b>	<b>94,615</b>	<b>97,500</b>	<b>100,310</b>	<b>103,040</b>	<b>105,820</b>	<b>108,390</b>
<b>Central region</b>											
Capital and Coast	47,440	49,160	50,820	52,380	53,930	55,470	57,020	58,560	60,080	61,520	63,040
Hawke's Bay	8,840	9,320	9,730	10,180	10,600	11,080	11,470	11,900	12,330	12,750	13,150
Hutt Valley	21,320	22,170	22,940	23,510	24,030	24,560	25,060	25,520	26,010	26,520	26,950
MidCentral	13,730	14,200	14,640	15,050	15,540	15,920	16,420	16,810	17,280	17,650	18,110
Wairarapa	1,550	1,650	1,715	1,780	1,835	1,905	1,960	2,040	2,100	2,160	2,200
Whanganui	2,530	2,700	2,880	3,080	3,250	3,430	3,600	3,760	3,930	4,130	4,300
<b>Central total</b>	<b>95,410</b>	<b>99,200</b>	<b>102,725</b>	<b>105,980</b>	<b>109,185</b>	<b>112,365</b>	<b>115,530</b>	<b>118,590</b>	<b>121,730</b>	<b>124,730</b>	<b>127,750</b>
<b>South Island region</b>											
Canterbury	74,010	77,590	80,610	83,030	85,190	87,310	89,460	91,520	93,580	95,590	97,530
Nelson Marlborough	7,840	8,330	8,720	9,170	9,570	10,030	10,410	10,810	11,250	11,650	12,040
South Canterbury	3,340	3,530	3,730	3,890	4,030	4,190	4,360	4,510	4,690	4,830	4,970
Southern	24,830	26,200	27,520	28,510	29,430	30,320	31,200	32,060	32,910	33,740	34,590
West Coast	1,155	1,175	1,210	1,255	1,270	1,315	1,345	1,380	1,430	1,445	1,490
<b>South Island total</b>	<b>111,175</b>	<b>116,825</b>	<b>121,790</b>	<b>125,855</b>	<b>129,490</b>	<b>133,165</b>	<b>136,775</b>	<b>140,280</b>	<b>143,860</b>	<b>147,255</b>	<b>150,620</b>
<b>Total population</b>	<b>779,905</b>	<b>812,335</b>	<b>841,905</b>	<b>867,865</b>	<b>893,345</b>	<b>918,565</b>	<b>943,575</b>	<b>968,040</b>	<b>992,450</b>	<b>1,016,605</b>	<b>1,040,500</b>

Table 5. Other ethnic groups' population projections for all age groups, for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	234,610	234,070	233,820	233,910	233,750	233,650	233,480	233,260	233,030	232,750	232,400
Counties Manukau	189,170	188,030	186,780	186,120	185,480	184,920	184,270	183,500	182,700	182,070	181,440
Northland	112,280	113,050	112,750	112,380	112,010	111,620	111,270	110,820	110,410	109,820	109,150
Waitematā	355,950	356,760	358,140	360,140	362,150	364,170	366,090	367,970	369,750	371,590	373,410
<b>Northern total</b>	<b>892,010</b>	<b>891,910</b>	<b>891,490</b>	<b>892,550</b>	<b>893,390</b>	<b>894,360</b>	<b>895,110</b>	<b>895,550</b>	<b>895,890</b>	<b>896,230</b>	<b>896,400</b>
<b>Midland region</b>											
Bay of Plenty	169,910	171,300	171,850	171,970	172,000	172,090	172,120	172,140	172,160	171,980	171,820
Lakes	61,200	61,090	60,600	59,920	59,480	59,030	58,620	58,160	57,700	57,190	56,690
Tairāwhiti	20,860	20,700	20,540	20,360	20,290	20,210	20,110	20,050	19,970	19,900	19,830
Taranaki	91,660	91,810	91,740	91,600	91,410	91,160	90,920	90,710	90,490	90,160	89,830
Waikato	270,980	272,120	272,220	271,910	271,800	271,660	271,450	271,210	270,950	270,500	269,940
<b>Midland total</b>	<b>614,610</b>	<b>617,020</b>	<b>616,950</b>	<b>615,760</b>	<b>614,980</b>	<b>614,150</b>	<b>613,220</b>	<b>612,270</b>	<b>611,270</b>	<b>609,730</b>	<b>608,110</b>
<b>Central region</b>											
Capital and Coast	211,520	212,160	212,360	212,070	211,720	211,350	210,970	210,580	210,170	209,790	209,330
Hawke's Bay	111,810	112,080	111,870	111,170	110,500	109,770	109,050	108,320	107,610	106,740	105,810
Hutt Valley	95,160	94,980	94,510	93,880	93,440	92,990	92,480	92,030	91,530	91,020	90,460
MidCentral	127,140	127,320	127,140	126,590	125,960	125,350	124,770	124,140	123,550	122,810	122,000
Wairarapa	36,920	37,090	37,030	36,920	36,770	36,680	36,550	36,360	36,240	36,040	35,830
Whanganui	45,170	45,090	44,800	44,390	43,980	43,530	43,120	42,690	42,270	41,810	41,320
<b>Central total</b>	<b>627,720</b>	<b>628,720</b>	<b>627,710</b>	<b>625,020</b>	<b>622,370</b>	<b>619,670</b>	<b>616,940</b>	<b>614,120</b>	<b>611,370</b>	<b>608,210</b>	<b>604,750</b>
<b>South Island region</b>											
Canterbury	428,640	430,120	431,040	432,290	433,760	435,210	436,610	437,960	439,250	440,440	441,570
Nelson Marlborough	130,140	130,730	131,000	130,930	130,780	130,660	130,500	130,330	130,150	129,860	129,490
South Canterbury	51,820	51,950	51,920	51,860	51,790	51,720	51,630	51,530	51,460	51,320	51,190
Southern	274,020	274,730	274,440	273,890	273,410	272,980	272,480	271,950	271,460	270,750	269,990
West Coast	27,170	27,050	26,950	26,830	26,690	26,530	26,360	26,220	26,050	25,880	25,710
<b>South Island total</b>	<b>911,790</b>	<b>914,580</b>	<b>915,350</b>	<b>915,800</b>	<b>916,430</b>	<b>917,100</b>	<b>917,580</b>	<b>917,990</b>	<b>918,370</b>	<b>918,250</b>	<b>917,950</b>
<b>Total population</b>	<b>3,046,130</b>	<b>3,052,230</b>	<b>3,051,500</b>	<b>3,049,130</b>	<b>3,047,170</b>	<b>3,045,280</b>	<b>3,042,850</b>	<b>3,039,930</b>	<b>3,036,900</b>	<b>3,032,420</b>	<b>3,027,210</b>

## Child and youth population (up to 19 years) by ethnicity

Table 6. *Child and youth population projections (up to 19 years), for all ethnic groups, for years ended 31 December 2020 to 2030, by DHB-locality*

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	109,470	109,070	108,970	108,930	109,090	109,130	108,990	108,720	108,270	107,910	107,610
Counties Manukau	169,890	170,690	171,490	172,190	172,720	173,390	173,880	173,940	173,640	173,560	173,290
Northland	50,780	51,100	51,250	51,370	51,440	51,600	51,730	51,610	51,520	51,400	51,130
Waitematā	160,670	161,790	163,500	165,110	166,610	168,240	169,560	170,640	171,120	171,710	171,980
<b>Northern total</b>	<b>490,810</b>	<b>492,650</b>	<b>495,210</b>	<b>497,600</b>	<b>499,860</b>	<b>502,360</b>	<b>504,160</b>	<b>504,910</b>	<b>504,550</b>	<b>504,580</b>	<b>504,010</b>
<b>Midland region</b>											
Bay of Plenty	66,520	67,010	67,400	67,740	67,810	67,990	68,180	68,040	67,870	67,700	67,440
Lakes	32,020	32,050	32,100	32,010	31,920	31,770	31,680	31,460	31,230	30,920	30,580
Tairāwhiti	14,980	14,905	14,905	14,805	14,730	14,695	14,610	14,550	14,430	14,335	14,190
Taranaki	33,180	33,335	33,470	33,555	33,635	33,640	33,650	33,490	33,230	32,910	32,550
Waikato	118,240	119,200	119,860	120,490	120,990	121,360	121,720	121,750	121,470	121,140	120,700
<b>Midland total</b>	<b>264,940</b>	<b>266,500</b>	<b>267,735</b>	<b>268,600</b>	<b>269,085</b>	<b>269,455</b>	<b>269,840</b>	<b>269,290</b>	<b>268,230</b>	<b>267,005</b>	<b>265,460</b>
<b>Central region</b>											
Capital and Coast	77,080	77,090	77,160	76,980	76,750	76,670	76,380	76,000	75,510	74,900	74,420
Hawke's Bay	47,200	47,290	47,240	47,150	47,000	46,990	46,900	46,630	46,350	45,920	45,370
Hutt Valley	40,490	40,430	40,350	40,270	40,120	40,110	39,980	39,800	39,530	39,340	38,840
MidCentral	48,390	48,430	48,540	48,530	48,520	48,540	48,420	48,310	48,000	47,720	47,410
Wairarapa	11,780	11,835	11,795	11,800	11,750	11,700	11,665	11,555	11,510	11,445	11,360
Whanganui	17,850	17,865	17,810	17,770	17,700	17,680	17,660	17,560	17,420	17,260	17,080
<b>Central total</b>	<b>242,790</b>	<b>242,940</b>	<b>242,895</b>	<b>242,500</b>	<b>241,840</b>	<b>241,690</b>	<b>241,005</b>	<b>239,855</b>	<b>238,320</b>	<b>236,585</b>	<b>234,480</b>
<b>South Island region</b>											
Canterbury	139,480	140,520	141,400	142,290	142,940	143,800	144,560	144,840	144,760	144,670	144,360
Nelson Marlborough	36,330	36,310	36,370	36,320	36,130	36,020	35,860	35,700	35,350	35,010	34,610
South Canterbury	14,155	14,210	14,255	14,275	14,325	14,365	14,430	14,405	14,380	14,340	14,270
Southern	83,220	83,380	83,450	83,450	83,400	83,280	83,210	82,890	82,470	81,890	81,180
West Coast	7,400	7,305	7,250	7,245	7,170	7,150	7,060	7,040	6,975	6,865	6,785
<b>South Island total</b>	<b>280,585</b>	<b>281,725</b>	<b>282,725</b>	<b>283,580</b>	<b>283,965</b>	<b>284,615</b>	<b>285,120</b>	<b>284,875</b>	<b>283,935</b>	<b>282,775</b>	<b>281,205</b>
<b>Total population</b>	<b>1,279,125</b>	<b>1,283,815</b>	<b>1,288,565</b>	<b>1,292,280</b>	<b>1,294,750</b>	<b>1,298,120</b>	<b>1,300,125</b>	<b>1,298,930</b>	<b>1,295,035</b>	<b>1,290,945</b>	<b>1,285,155</b>

Table 7. Māori child and youth population projections (up to 19 years), for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	13,680	13,590	13,500	13,410	13,450	13,380	13,280	13,130	13,020	12,920	12,800
Counties Manukau	39,870	40,050	40,380	40,680	40,990	41,230	41,330	41,350	41,270	41,280	41,220
Northland	27,510	27,860	28,310	28,720	29,060	29,360	29,550	29,610	29,680	29,730	29,750
Waitematā	25,950	26,260	26,640	27,070	27,470	27,810	28,050	28,250	28,330	28,400	28,360
<b>Northern total</b>	<b>107,010</b>	<b>107,760</b>	<b>108,830</b>	<b>109,880</b>	<b>110,970</b>	<b>111,780</b>	<b>112,210</b>	<b>112,340</b>	<b>112,300</b>	<b>112,330</b>	<b>112,130</b>
<b>Midland region</b>											
Bay of Plenty	26,730	27,180	27,690	28,170	28,510	28,850	29,140	29,280	29,420	29,540	29,670
Lakes	16,960	17,130	17,360	17,540	17,660	17,680	17,740	17,700	17,650	17,530	17,430
Tairāwhiti	10,020	10,010	10,070	10,080	10,020	10,020	9,940	9,880	9,750	9,610	9,460
Taranaki	10,660	10,790	10,940	11,090	11,220	11,350	11,460	11,500	11,470	11,430	11,390
Waikato	43,050	43,660	44,370	45,060	45,670	46,230	46,710	47,040	47,280	47,510	47,740
<b>Midland total</b>	<b>107,420</b>	<b>108,770</b>	<b>110,430</b>	<b>111,940</b>	<b>113,080</b>	<b>114,130</b>	<b>114,990</b>	<b>115,400</b>	<b>115,570</b>	<b>115,620</b>	<b>115,690</b>
<b>Central region</b>											
Capital and Coast	14,040	14,090	14,270	14,400	14,580	14,830	14,920	14,990	15,050	15,070	15,120
Hawke's Bay	19,810	20,070	20,330	20,680	20,990	21,290	21,450	21,560	21,610	21,590	21,580
Hutt Valley	11,020	11,190	11,340	11,540	11,650	11,830	11,930	12,010	12,070	12,070	12,080
MidCentral	16,270	16,490	16,760	17,010	17,270	17,500	17,660	17,830	17,830	17,930	18,040
Wairarapa	3,710	3,760	3,830	3,900	3,990	4,050	4,100	4,130	4,180	4,170	4,240
Whanganui	7,480	7,570	7,650	7,730	7,790	7,870	7,940	7,950	7,970	7,920	7,890
<b>Central total</b>	<b>72,330</b>	<b>73,170</b>	<b>74,180</b>	<b>75,260</b>	<b>76,270</b>	<b>77,370</b>	<b>78,000</b>	<b>78,470</b>	<b>78,710</b>	<b>78,750</b>	<b>78,950</b>
<b>South Island region</b>											
Canterbury	23,120	23,650	24,160	24,720	25,150	25,690	26,170	26,500	26,750	27,050	27,320
Nelson Marlborough	7,180	7,350	7,510	7,660	7,800	7,950	8,080	8,180	8,240	8,290	8,360
South Canterbury	2,500	2,550	2,610	2,640	2,700	2,730	2,750	2,800	2,870	2,920	2,960
Southern	15,440	15,610	15,810	15,990	16,180	16,320	16,470	16,560	16,670	16,700	16,770
West Coast	1,550	1,550	1,560	1,600	1,590	1,600	1,580	1,600	1,590	1,610	1,630
<b>South Island total</b>	<b>49,790</b>	<b>50,710</b>	<b>51,650</b>	<b>52,610</b>	<b>53,420</b>	<b>54,290</b>	<b>55,050</b>	<b>55,640</b>	<b>56,120</b>	<b>56,570</b>	<b>57,040</b>
<b>Total population</b>	<b>336,550</b>	<b>340,410</b>	<b>345,090</b>	<b>349,690</b>	<b>353,740</b>	<b>357,570</b>	<b>360,250</b>	<b>361,850</b>	<b>362,700</b>	<b>363,270</b>	<b>363,810</b>

Table 8. Pasifika child and youth population projections (up to 19 years), for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	18,250	17,980	17,730	17,530	17,410	17,330	17,190	17,100	16,970	16,850	16,790
Counties Manukau	48,160	47,930	47,880	47,950	48,050	48,280	48,490	48,590	48,600	48,720	48,790
Northland	1,420	1,460	1,520	1,570	1,620	1,640	1,680	1,710	1,730	1,750	1,770
Waitematā	16,580	16,620	16,690	16,800	16,950	17,160	17,310	17,490	17,590	17,630	17,770
<b>Northern total</b>	<b>84,410</b>	<b>83,990</b>	<b>83,820</b>	<b>83,850</b>	<b>84,030</b>	<b>84,410</b>	<b>84,670</b>	<b>84,890</b>	<b>84,890</b>	<b>84,950</b>	<b>85,120</b>
<b>Midland region</b>											
Bay of Plenty	1,840	1,920	1,980	2,050	2,080	2,160	2,210	2,250	2,300	2,340	2,380
Lakes	1,010	1,020	1,040	1,060	1,060	1,060	1,060	1,060	1,080	1,060	1,050
Tairāwhiti	415	435	435	445	445	445	455	460	465	475	470
Taranaki	680	685	700	705	705	730	740	740	770	770	790
Waikato	4,880	5,000	5,130	5,280	5,440	5,570	5,730	5,840	5,960	6,040	6,120
<b>Midland total</b>	<b>8,825</b>	<b>9,060</b>	<b>9,285</b>	<b>9,540</b>	<b>9,730</b>	<b>9,965</b>	<b>10,195</b>	<b>10,350</b>	<b>10,575</b>	<b>10,685</b>	<b>10,810</b>
<b>Central region</b>											
Capital and Coast	7,640	7,650	7,710	7,750	7,760	7,800	7,850	7,900	7,960	7,920	7,980
Hawke's Bay	2,670	2,740	2,840	2,910	2,980	3,050	3,130	3,200	3,290	3,330	3,370
Hutt Valley	4,120	4,160	4,200	4,270	4,330	4,370	4,390	4,380	4,370	4,330	4,270
MidCentral	2,330	2,390	2,460	2,530	2,580	2,650	2,690	2,760	2,800	2,820	2,850
Wairarapa	405	410	405	410	415	410	425	415	420	425	430
Whanganui	780	805	810	840	840	860	880	890	890	900	910
<b>Central total</b>	<b>17,945</b>	<b>18,155</b>	<b>18,425</b>	<b>18,710</b>	<b>18,905</b>	<b>19,140</b>	<b>19,365</b>	<b>19,545</b>	<b>19,730</b>	<b>19,725</b>	<b>19,810</b>
<b>South Island region</b>											
Canterbury	6,300	6,500	6,710	6,890	7,090	7,260	7,450	7,560	7,680	7,730	7,820
Nelson Marlborough	1,130	1,140	1,190	1,220	1,260	1,270	1,300	1,330	1,320	1,310	1,300
South Canterbury	385	400	415	435	455	455	490	485	500	500	510
Southern	3,000	3,060	3,160	3,270	3,370	3,480	3,570	3,650	3,700	3,750	3,820
West Coast	135	135	135	145	140	140	145	145	145	155	160
<b>South Island total</b>	<b>10,950</b>	<b>11,235</b>	<b>11,610</b>	<b>11,960</b>	<b>12,315</b>	<b>12,605</b>	<b>12,955</b>	<b>13,170</b>	<b>13,345</b>	<b>13,445</b>	<b>13,610</b>
<b>Total population</b>	<b>122,130</b>	<b>122,440</b>	<b>123,140</b>	<b>124,060</b>	<b>124,980</b>	<b>126,120</b>	<b>127,185</b>	<b>127,955</b>	<b>128,540</b>	<b>128,805</b>	<b>129,350</b>

Table 9. Asian child and youth population projections (up to 19 years), for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	34,360	34,880	35,620	36,310	37,010	37,680	38,260	38,770	39,240	39,750	40,340
Counties Manukau	42,490	44,030	45,370	46,330	47,160	48,010	48,810	49,470	49,940	50,310	50,620
Northland	1,920	2,050	2,160	2,250	2,360	2,440	2,540	2,640	2,710	2,770	2,850
Waitematā	41,700	43,500	45,380	47,010	48,540	50,000	51,330	52,520	53,480	54,350	55,130
<b>Northern total</b>	<b>120,470</b>	<b>124,460</b>	<b>128,530</b>	<b>131,900</b>	<b>135,070</b>	<b>138,130</b>	<b>140,940</b>	<b>143,400</b>	<b>145,370</b>	<b>147,180</b>	<b>148,940</b>
<b>Midland region</b>											
Bay of Plenty	4,770	5,030	5,260	5,480	5,710	5,950	6,150	6,330	6,470	6,610	6,750
Lakes	2,220	2,360	2,480	2,570	2,680	2,780	2,860	2,940	2,990	3,030	3,080
Tairāwhiti	305	320	320	320	325	330	335	340	355	350	350
Taranaki	1,790	1,880	1,970	2,050	2,130	2,200	2,300	2,350	2,410	2,470	2,500
Waikato	12,610	13,300	13,880	14,380	14,840	15,270	15,680	16,080	16,300	16,550	16,710
<b>Midland total</b>	<b>21,695</b>	<b>22,890</b>	<b>23,910</b>	<b>24,800</b>	<b>25,685</b>	<b>26,530</b>	<b>27,325</b>	<b>28,040</b>	<b>28,525</b>	<b>29,010</b>	<b>29,390</b>
<b>Central region</b>											
Capital and Coast	11,980	12,400	12,820	13,260	13,660	14,070	14,430	14,760	14,990	15,180	15,370
Hawke's Bay	2,380	2,530	2,670	2,800	2,960	3,130	3,240	3,350	3,470	3,560	3,630
Hutt Valley	5,730	5,950	6,160	6,330	6,480	6,620	6,760	6,870	6,990	7,090	7,120
MidCentral	3,970	4,130	4,280	4,400	4,550	4,660	4,780	4,870	4,960	5,000	5,030
Wairarapa	465	495	510	540	555	570	580	590	600	620	630
Whanganui	750	780	810	880	920	990	1,040	1,090	1,130	1,180	1,240
<b>Central total</b>	<b>25,275</b>	<b>26,285</b>	<b>27,250</b>	<b>28,210</b>	<b>29,125</b>	<b>30,040</b>	<b>30,830</b>	<b>31,530</b>	<b>32,140</b>	<b>32,630</b>	<b>33,020</b>
<b>South Island region</b>											
Canterbury	19,320	20,410	21,360	22,140	22,840	23,570	24,260	24,830	25,340	25,730	26,090
Nelson Marlborough	2,360	2,500	2,630	2,760	2,910	3,040	3,120	3,210	3,290	3,350	3,410
South Canterbury	910	980	1,030	1,070	1,120	1,170	1,210	1,260	1,280	1,320	1,340
Southern	6,600	6,910	7,210	7,440	7,640	7,850	8,000	8,140	8,240	8,330	8,440
West Coast	275	280	295	310	310	320	325	335	350	340	345
<b>South Island total</b>	<b>29,465</b>	<b>31,080</b>	<b>32,525</b>	<b>33,720</b>	<b>34,820</b>	<b>35,950</b>	<b>36,915</b>	<b>37,775</b>	<b>38,500</b>	<b>39,070</b>	<b>39,625</b>
<b>Total population</b>	<b>196,905</b>	<b>204,715</b>	<b>212,215</b>	<b>218,630</b>	<b>224,700</b>	<b>230,650</b>	<b>236,010</b>	<b>240,745</b>	<b>244,535</b>	<b>247,890</b>	<b>250,975</b>

Table 10. Other ethnic groups' child and youth population projections (up to 19 years), for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	43,180	42,620	42,120	41,680	41,220	40,740	40,260	39,720	39,040	38,390	37,680
Counties Manukau	39,370	38,680	37,860	37,230	36,520	35,870	35,250	34,530	33,830	33,250	32,660
Northland	19,930	19,730	19,260	18,830	18,400	18,160	17,960	17,650	17,400	17,150	16,760
Waitematā	76,440	75,410	74,790	74,230	73,650	73,270	72,870	72,380	71,720	71,330	70,720
<b>Northern total</b>	<b>178,920</b>	<b>176,440</b>	<b>174,030</b>	<b>171,970</b>	<b>169,790</b>	<b>168,040</b>	<b>166,340</b>	<b>164,280</b>	<b>161,990</b>	<b>160,120</b>	<b>157,820</b>
<b>Midland region</b>											
Bay of Plenty	33,180	32,880	32,470	32,040	31,510	31,030	30,680	30,180	29,680	29,210	28,640
Lakes	11,830	11,540	11,220	10,840	10,520	10,250	10,020	9,760	9,510	9,300	9,020
Tairāwhiti	4,240	4,140	4,080	3,960	3,940	3,900	3,880	3,870	3,860	3,900	3,910
Taranaki	20,050	19,980	19,860	19,710	19,580	19,360	19,150	18,900	18,580	18,240	17,870
Waikato	57,700	57,240	56,480	55,770	55,040	54,290	53,600	52,790	51,930	51,040	50,130
<b>Midland total</b>	<b>127,000</b>	<b>125,780</b>	<b>124,110</b>	<b>122,320</b>	<b>120,590</b>	<b>118,830</b>	<b>117,330</b>	<b>115,500</b>	<b>113,560</b>	<b>111,690</b>	<b>109,570</b>
<b>Central region</b>											
Capital and Coast	43,420	42,950	42,360	41,570	40,750	39,970	39,180	38,350	37,510	36,730	35,950
Hawke's Bay	22,340	21,950	21,400	20,760	20,070	19,520	19,080	18,520	17,980	17,440	16,790
Hutt Valley	19,620	19,130	18,650	18,130	17,660	17,290	16,900	16,540	16,100	15,850	15,370
MidCentral	25,820	25,420	25,040	24,590	24,120	23,730	23,290	22,850	22,410	21,970	21,490
Wairarapa	7,200	7,170	7,050	6,950	6,790	6,670	6,560	6,420	6,310	6,230	6,060
Whanganui	8,840	8,710	8,540	8,320	8,150	7,960	7,800	7,630	7,430	7,260	7,040
<b>Central total</b>	<b>127,240</b>	<b>125,330</b>	<b>123,040</b>	<b>120,320</b>	<b>117,540</b>	<b>115,140</b>	<b>112,810</b>	<b>110,310</b>	<b>107,740</b>	<b>105,480</b>	<b>102,700</b>
<b>South Island region</b>											
Canterbury	90,740	89,960	89,170	88,540	87,860	87,280	86,680	85,950	84,990	84,160	83,130
Nelson Marlborough	25,660	25,320	25,040	24,680	24,160	23,760	23,360	22,980	22,500	22,060	21,540
South Canterbury	10,360	10,280	10,200	10,130	10,050	10,010	9,980	9,860	9,730	9,600	9,460
Southern	58,180	57,800	57,270	56,750	56,210	55,630	55,170	54,540	53,860	53,110	52,150
West Coast	5,440	5,340	5,260	5,190	5,130	5,090	5,010	4,960	4,890	4,760	4,650
<b>South Island total</b>	<b>190,380</b>	<b>188,700</b>	<b>186,940</b>	<b>185,290</b>	<b>183,410</b>	<b>181,770</b>	<b>180,200</b>	<b>178,290</b>	<b>175,970</b>	<b>173,690</b>	<b>170,930</b>
<b>Total population</b>	<b>623,540</b>	<b>616,250</b>	<b>608,120</b>	<b>599,900</b>	<b>591,330</b>	<b>583,780</b>	<b>576,680</b>	<b>568,380</b>	<b>559,260</b>	<b>550,980</b>	<b>541,020</b>

## Adult population (20 to 64 years) by ethnicity

Table 11. Adult population projections (20 to 64 years) for all ethnic groups, for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	322,610	326,780	330,840	335,160	339,630	344,030	348,340	352,510	356,840	361,200	365,700
Counties Manukau	337,610	343,160	347,630	351,520	355,280	358,550	361,860	365,270	368,730	372,400	376,320
Northland	101,720	102,110	101,760	101,350	100,920	100,340	99,740	99,210	98,780	98,390	98,220
Waitematā	375,670	381,300	386,160	390,790	395,240	399,400	403,390	407,290	411,520	416,020	421,120
<b>Northern total</b>	<b>1,137,610</b>	<b>1,153,350</b>	<b>1,166,390</b>	<b>1,178,820</b>	<b>1,191,070</b>	<b>1,202,320</b>	<b>1,213,330</b>	<b>1,224,280</b>	<b>1,235,870</b>	<b>1,248,010</b>	<b>1,261,360</b>
<b>Midland region</b>											
Bay of Plenty	137,990	139,200	139,720	139,920	140,140	140,310	140,160	140,290	140,660	141,020	141,630
Lakes	64,240	64,550	64,520	64,340	64,120	63,870	63,440	63,190	62,980	62,870	62,740
Tairāwhiti	26,480	26,500	26,385	26,375	26,260	26,210	26,005	25,885	25,800	25,765	25,690
Taranaki	68,155	68,285	68,005	67,910	67,575	67,325	66,965	66,730	66,760	66,830	67,010
Waikato	241,960	243,980	244,930	245,220	245,500	245,830	246,050	246,400	247,220	248,150	249,320
<b>Midland total</b>	<b>538,825</b>	<b>542,515</b>	<b>543,560</b>	<b>543,765</b>	<b>543,595</b>	<b>543,545</b>	<b>542,620</b>	<b>542,495</b>	<b>543,420</b>	<b>544,635</b>	<b>546,390</b>
<b>Central region</b>											
Capital and Coast	198,090	199,750	200,960	201,710	202,450	202,750	203,180	203,660	204,150	204,790	205,450
Hawke's Bay	94,500	94,830	94,750	94,360	94,000	93,370	92,700	92,220	91,800	91,430	91,360
Hutt Valley	92,830	93,250	93,380	93,250	92,990	92,640	92,270	91,970	91,810	91,690	91,670
MidCentral	102,470	102,990	102,960	102,710	102,300	101,830	101,550	101,060	100,860	100,580	100,570
Wairarapa	25,555	25,535	25,455	25,270	25,150	25,010	24,845	24,685	24,590	24,435	24,320
Whanganui	36,310	36,170	35,885	35,570	35,160	34,680	34,270	33,810	33,400	33,130	32,890
<b>Central total</b>	<b>549,755</b>	<b>552,525</b>	<b>553,390</b>	<b>552,870</b>	<b>552,050</b>	<b>550,280</b>	<b>548,815</b>	<b>547,405</b>	<b>546,610</b>	<b>546,055</b>	<b>546,260</b>
<b>South Island region</b>											
Canterbury	343,420	346,290	348,160	349,910	351,400	352,580	353,440	354,580	356,370	358,210	360,350
Nelson Marlborough	87,120	87,290	87,110	86,710	86,420	85,950	85,470	84,980	84,700	84,410	84,270
South Canterbury	33,690	33,785	33,725	33,685	33,510	33,365	33,180	33,025	32,940	32,815	32,880
Southern	200,300	201,170	201,230	200,720	200,190	199,590	198,710	198,050	197,710	197,290	197,340
West Coast	18,205	18,025	17,775	17,515	17,265	16,905	16,630	16,365	16,075	15,845	15,650
<b>South Island total</b>	<b>682,735</b>	<b>686,560</b>	<b>688,000</b>	<b>688,540</b>	<b>688,785</b>	<b>688,390</b>	<b>687,430</b>	<b>687,000</b>	<b>687,795</b>	<b>688,570</b>	<b>690,490</b>
<b>Total population</b>	<b>2,908,925</b>	<b>2,934,950</b>	<b>2,951,340</b>	<b>2,963,995</b>	<b>2,975,500</b>	<b>2,984,535</b>	<b>2,992,195</b>	<b>3,001,180</b>	<b>3,013,695</b>	<b>3,027,270</b>	<b>3,044,500</b>



Table 12. Māori adult population projections (20 to 64 years), for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	23,820	24,090	24,300	24,540	24,930	25,360	25,860	26,330	26,800	27,330	27,890
Counties Manukau	48,580	49,500	50,270	51,150	51,930	52,680	53,640	54,540	55,600	56,650	57,830
Northland	34,950	35,280	35,530	35,810	36,080	36,420	36,800	37,290	37,760	38,380	39,020
Waitematā	34,020	34,510	34,960	35,270	35,590	36,030	36,490	37,000	37,580	38,280	39,080
<b>Northern total</b>	<b>141,370</b>	<b>143,380</b>	<b>145,060</b>	<b>146,770</b>	<b>148,530</b>	<b>150,490</b>	<b>152,790</b>	<b>155,160</b>	<b>157,740</b>	<b>160,640</b>	<b>163,820</b>
<b>Midland region</b>											
Bay of Plenty	33,590	33,860	34,090	34,290	34,610	34,920	35,160	35,560	36,080	36,600	37,120
Lakes	22,470	22,760	23,030	23,340	23,370	23,560	23,680	23,920	24,180	24,560	24,860
Tairāwhiti	13,630	13,740	13,780	13,830	13,820	13,820	13,820	13,800	13,850	13,960	14,030
Taranaki	12,590	12,770	12,880	13,100	13,260	13,450	13,670	13,910	14,250	14,630	15,010
Waikato	53,630	54,450	55,120	55,890	56,650	57,420	58,260	59,200	60,240	61,410	62,630
<b>Midland total</b>	<b>135,910</b>	<b>137,580</b>	<b>138,900</b>	<b>140,450</b>	<b>141,710</b>	<b>143,170</b>	<b>144,590</b>	<b>146,390</b>	<b>148,600</b>	<b>151,160</b>	<b>153,650</b>
<b>Central region</b>											
Capital and Coast	21,430	21,850	22,180	22,550	22,860	23,150	23,480	23,830	24,210	24,630	25,050
Hawke's Bay	24,200	24,390	24,520	24,580	24,690	24,780	24,990	25,320	25,710	26,170	26,660
Hutt Valley	15,220	15,310	15,460	15,580	15,650	15,750	15,870	16,050	16,230	16,510	16,690
MidCentral	19,890	20,240	20,490	20,810	21,080	21,420	21,860	22,240	22,730	23,170	23,720
Wairarapa	4,470	4,540	4,600	4,640	4,710	4,770	4,870	4,980	5,070	5,230	5,300
Whanganui	9,590	9,630	9,650	9,700	9,700	9,730	9,800	9,840	9,910	10,090	10,210
<b>Central total</b>	<b>94,800</b>	<b>95,960</b>	<b>96,900</b>	<b>97,860</b>	<b>98,690</b>	<b>99,600</b>	<b>100,870</b>	<b>102,260</b>	<b>103,860</b>	<b>105,800</b>	<b>107,630</b>
<b>South Island region</b>											
Canterbury	29,770	30,430	31,020	31,550	32,220	32,770	33,350	34,110	34,910	35,710	36,530
Nelson Marlborough	9,080	9,220	9,340	9,460	9,600	9,720	9,870	9,980	10,200	10,420	10,650
South Canterbury	2,720	2,770	2,830	2,900	2,990	3,110	3,200	3,300	3,350	3,420	3,550
Southern	19,010	19,400	19,760	20,080	20,420	20,800	21,180	21,610	22,030	22,500	23,010
West Coast	2,030	2,060	2,040	2,020	2,050	2,010	2,040	2,020	1,990	2,010	2,000
<b>South Island total</b>	<b>62,610</b>	<b>63,880</b>	<b>64,990</b>	<b>66,010</b>	<b>67,280</b>	<b>68,410</b>	<b>69,640</b>	<b>71,020</b>	<b>72,480</b>	<b>74,060</b>	<b>75,740</b>
<b>Total population</b>	<b>434,690</b>	<b>440,800</b>	<b>445,850</b>	<b>451,090</b>	<b>456,210</b>	<b>461,670</b>	<b>467,890</b>	<b>474,830</b>	<b>482,680</b>	<b>491,660</b>	<b>500,840</b>

Table 13. *Pasifika adult population projections (20 to 64 years), for years ended 31 December 2020 to 2030, by DHB-locality*

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	31,560	32,260	32,880	33,470	34,010	34,550	35,110	35,680	36,270	36,830	37,370
Counties Manukau	69,690	71,710	73,550	75,250	76,920	78,380	79,860	81,440	82,970	84,440	85,920
Northland	2,210	2,290	2,280	2,310	2,330	2,340	2,370	2,410	2,470	2,510	2,550
Waitematā	25,110	25,830	26,570	27,200	27,890	28,490	29,130	29,760	30,370	31,060	31,690
<b>Northern total</b>	<b>128,570</b>	<b>132,090</b>	<b>135,280</b>	<b>138,230</b>	<b>141,150</b>	<b>143,760</b>	<b>146,470</b>	<b>149,290</b>	<b>152,080</b>	<b>154,840</b>	<b>157,530</b>
<b>Midland region</b>											
Bay of Plenty	2,530	2,550	2,660	2,700	2,750	2,840	2,900	2,950	3,030	3,090	3,190
Lakes	1,600	1,540	1,540	1,530	1,520	1,470	1,440	1,420	1,390	1,370	1,370
Tairāwhiti	675	680	680	695	690	715	705	725	730	740	740
Taranaki	865	885	905	950	985	1,015	1,015	1,060	1,090	1,110	1,140
Waikato	7,230	7,370	7,530	7,650	7,790	7,910	8,040	8,200	8,340	8,510	8,640
<b>Midland total</b>	<b>12,900</b>	<b>13,025</b>	<b>13,315</b>	<b>13,525</b>	<b>13,735</b>	<b>13,950</b>	<b>14,100</b>	<b>14,355</b>	<b>14,580</b>	<b>14,820</b>	<b>15,080</b>
<b>Central region</b>											
Capital and Coast	13,050	13,150	13,220	13,260	13,350	13,380	13,400	13,400	13,380	13,440	13,410
Hawke's Bay	4,190	4,220	4,240	4,260	4,340	4,370	4,410	4,470	4,460	4,510	4,580
Hutt Valley	6,810	6,820	6,840	6,830	6,840	6,830	6,840	6,900	6,950	7,050	7,100
MidCentral	3,110	3,130	3,210	3,240	3,240	3,300	3,350	3,380	3,440	3,510	3,590
Wairarapa	530	525	555	545	560	570	570	565	580	565	560
Whanganui	1,000	1,000	1,015	1,020	1,070	1,070	1,090	1,090	1,090	1,120	1,160
<b>Central total</b>	<b>28,690</b>	<b>28,845</b>	<b>29,080</b>	<b>29,155</b>	<b>29,400</b>	<b>29,520</b>	<b>29,660</b>	<b>29,805</b>	<b>29,900</b>	<b>30,195</b>	<b>30,400</b>
<b>South Island region</b>											
Canterbury	9,050	9,220	9,380	9,560	9,710	9,880	10,040	10,260	10,520	10,810	11,040
Nelson Marlborough	1,750	1,790	1,830	1,810	1,880	1,870	1,940	1,970	2,020	2,110	2,160
South Canterbury	490	515	515	535	540	555	560	575	610	625	650
Southern	4,340	4,490	4,590	4,700	4,790	4,870	4,960	5,070	5,220	5,340	5,460
West Coast	230	230	235	245	260	265	270	300	290	295	295
<b>South Island total</b>	<b>15,860</b>	<b>16,245</b>	<b>16,550</b>	<b>16,850</b>	<b>17,180</b>	<b>17,440</b>	<b>17,770</b>	<b>18,175</b>	<b>18,660</b>	<b>19,180</b>	<b>19,605</b>
<b>Total population</b>	<b>186,020</b>	<b>190,205</b>	<b>194,225</b>	<b>197,760</b>	<b>201,465</b>	<b>204,670</b>	<b>208,000</b>	<b>211,625</b>	<b>215,220</b>	<b>219,035</b>	<b>222,615</b>

Table 14. Asian adult population projections (20 to 64 years), for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	115,330	119,540	123,670	127,860	132,300	136,600	140,960	145,170	149,150	153,280	157,430
Counties Manukau	109,130	112,700	115,390	117,320	119,350	121,140	122,940	124,840	126,690	128,650	130,690
Northland	4,740	4,920	5,070	5,230	5,390	5,560	5,690	5,820	5,970	6,100	6,240
Waitematā	106,370	110,280	113,560	116,350	119,130	122,000	124,930	127,800	130,780	133,930	137,140
<b>Northern total</b>	<b>335,570</b>	<b>347,440</b>	<b>357,690</b>	<b>366,760</b>	<b>376,170</b>	<b>385,300</b>	<b>394,520</b>	<b>403,630</b>	<b>412,590</b>	<b>421,960</b>	<b>431,500</b>
<b>Midland region</b>											
Bay of Plenty	11,290	11,830	12,340	12,800	13,270	13,640	14,120	14,560	14,980	15,450	15,880
Lakes	6,610	6,880	7,090	7,250	7,490	7,660	7,830	8,010	8,180	8,410	8,590
Tairāwhiti	785	800	835	870	890	925	930	950	970	995	990
Taranaki	3,620	3,780	3,880	4,000	4,120	4,220	4,300	4,400	4,530	4,660	4,750
Waikato	30,150	31,450	32,530	33,380	34,120	34,860	35,640	36,350	37,170	38,010	38,880
<b>Midland total</b>	<b>52,455</b>	<b>54,740</b>	<b>56,675</b>	<b>58,300</b>	<b>59,890</b>	<b>61,305</b>	<b>62,820</b>	<b>64,270</b>	<b>65,830</b>	<b>67,525</b>	<b>69,090</b>
<b>Central region</b>											
Capital and Coast	31,770	32,840	33,800	34,640	35,510	36,370	37,200	38,010	38,870	39,680	40,540
Hawke's Bay	5,890	6,170	6,410	6,670	6,890	7,110	7,350	7,590	7,840	8,080	8,310
Hutt Valley	13,790	14,260	14,660	14,940	15,150	15,340	15,530	15,700	15,840	16,030	16,220
MidCentral	8,690	8,920	9,100	9,310	9,530	9,690	9,930	10,100	10,350	10,550	10,810
Wairarapa	975	1,030	1,080	1,105	1,140	1,180	1,205	1,250	1,290	1,310	1,310
Whanganui	1,600	1,710	1,830	1,910	1,990	2,090	2,180	2,250	2,350	2,450	2,510
<b>Central total</b>	<b>62,715</b>	<b>64,930</b>	<b>66,880</b>	<b>68,575</b>	<b>70,210</b>	<b>71,780</b>	<b>73,395</b>	<b>74,900</b>	<b>76,540</b>	<b>78,100</b>	<b>79,700</b>
<b>South Island region</b>											
Canterbury	51,120	53,240	54,950	56,220	57,290	58,270	59,290	60,320	61,370	62,560	63,690
Nelson Marlborough	5,180	5,470	5,700	5,970	6,160	6,420	6,650	6,890	7,140	7,390	7,630
South Canterbury	2,300	2,420	2,540	2,660	2,720	2,800	2,910	2,990	3,070	3,140	3,230
Southern	17,350	18,290	19,150	19,770	20,330	20,850	21,380	21,920	22,470	23,000	23,530
West Coast	835	845	860	880	885	910	930	945	975	990	1,015
<b>South Island total</b>	<b>76,785</b>	<b>80,265</b>	<b>83,200</b>	<b>85,500</b>	<b>87,385</b>	<b>89,250</b>	<b>91,160</b>	<b>93,065</b>	<b>95,025</b>	<b>97,080</b>	<b>99,095</b>
<b>Total population</b>	<b>527,525</b>	<b>547,375</b>	<b>564,445</b>	<b>579,135</b>	<b>593,655</b>	<b>607,635</b>	<b>621,895</b>	<b>635,865</b>	<b>649,985</b>	<b>664,665</b>	<b>679,385</b>

Table 15. Other ethnic groups' adult population projections (20 to 64 years), for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	151,900	150,890	149,990	149,290	148,390	147,520	146,410	145,330	144,620	143,760	143,010
Counties Manukau	110,210	109,250	108,420	107,800	107,080	106,350	105,420	104,450	103,470	102,660	101,880
Northland	59,820	59,620	58,880	58,000	57,120	56,020	54,880	53,690	52,580	51,400	50,410
Waitematā	210,170	210,680	211,070	211,970	212,630	212,880	212,840	212,730	212,790	212,750	213,210
<b>Northern total</b>	<b>532,100</b>	<b>530,440</b>	<b>528,360</b>	<b>527,060</b>	<b>525,220</b>	<b>522,770</b>	<b>519,550</b>	<b>516,200</b>	<b>513,460</b>	<b>510,570</b>	<b>508,510</b>
<b>Midland region</b>											
Bay of Plenty	90,580	90,960	90,630	90,130	89,510	88,910	87,980	87,220	86,570	85,880	85,440
Lakes	33,560	33,370	32,860	32,220	31,740	31,180	30,490	29,840	29,230	28,530	27,920
Tairāwhiti	11,390	11,280	11,090	10,980	10,860	10,750	10,550	10,410	10,250	10,070	9,930
Taranaki	51,080	50,850	50,340	49,860	49,210	48,640	47,980	47,360	46,890	46,430	46,110
Waikato	150,950	150,710	149,750	148,300	146,940	145,640	144,110	142,650	141,470	140,220	139,170
<b>Midland total</b>	<b>337,560</b>	<b>337,170</b>	<b>334,670</b>	<b>331,490</b>	<b>328,260</b>	<b>325,120</b>	<b>321,110</b>	<b>317,480</b>	<b>314,410</b>	<b>311,130</b>	<b>308,570</b>
<b>Central region</b>											
Capital and Coast	131,840	131,910	131,760	131,260	130,730	129,850	129,100	128,420	127,690	127,040	126,450
Hawke's Bay	60,220	60,050	59,580	58,850	58,080	57,110	55,950	54,840	53,790	52,670	51,810
Hutt Valley	57,010	56,860	56,420	55,900	55,350	54,720	54,030	53,320	52,790	52,100	51,660
MidCentral	70,780	70,700	70,160	69,350	68,450	67,420	66,410	65,340	64,340	63,350	62,450
Wairarapa	19,580	19,440	19,220	18,980	18,740	18,490	18,200	17,890	17,650	17,330	17,150
Whanganui	24,120	23,830	23,390	22,940	22,400	21,790	21,200	20,630	20,050	19,470	19,010
<b>Central total</b>	<b>363,550</b>	<b>362,790</b>	<b>360,530</b>	<b>357,280</b>	<b>353,750</b>	<b>349,380</b>	<b>344,890</b>	<b>340,440</b>	<b>336,310</b>	<b>331,960</b>	<b>328,530</b>
<b>South Island region</b>											
Canterbury	253,480	253,400	252,810	252,580	252,180	251,660	250,760	249,890	249,570	249,130	249,090
Nelson Marlborough	71,110	70,810	70,240	69,470	68,780	67,940	67,010	66,140	65,340	64,490	63,830
South Canterbury	28,180	28,080	27,840	27,590	27,260	26,900	26,510	26,160	25,910	25,630	25,450
Southern	159,600	158,990	157,730	156,170	154,650	153,070	151,190	149,450	147,990	146,450	145,340
West Coast	15,110	14,890	14,640	14,370	14,070	13,720	13,390	13,100	12,820	12,550	12,340
<b>South Island total</b>	<b>527,480</b>	<b>526,170</b>	<b>523,260</b>	<b>520,180</b>	<b>516,940</b>	<b>513,290</b>	<b>508,860</b>	<b>504,740</b>	<b>501,630</b>	<b>498,250</b>	<b>496,050</b>
<b>Total population</b>	<b>1,760,690</b>	<b>1,756,570</b>	<b>1,746,820</b>	<b>1,736,010</b>	<b>1,724,170</b>	<b>1,710,560</b>	<b>1,694,410</b>	<b>1,678,860</b>	<b>1,665,810</b>	<b>1,651,910</b>	<b>1,641,660</b>

## Older adult population (65 years and older) by ethnicity

Table 16. Older adult population projections (65 years and older) for all ethnic groups, for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	58,900	60,920	63,160	65,480	67,790	70,270	72,890	75,580	78,360	81,120	83,690
Counties Manukau	66,760	69,200	71,600	74,110	76,830	79,890	83,060	86,350	89,860	93,150	96,410
Northland	39,530	41,150	42,510	43,910	45,360	46,850	48,390	49,990	51,580	52,960	54,170
Waitematā	87,570	90,510	93,690	96,950	100,660	104,410	108,480	112,790	117,200	121,320	125,120
<b>Northern total</b>	<b>252,760</b>	<b>261,780</b>	<b>270,960</b>	<b>280,450</b>	<b>290,640</b>	<b>301,420</b>	<b>312,820</b>	<b>324,710</b>	<b>337,000</b>	<b>348,550</b>	<b>359,390</b>
<b>Midland region</b>											
Bay of Plenty	52,800	54,480	56,190	57,670	59,340	61,060	62,930	64,860	66,570	68,100	69,520
Lakes	19,630	20,210	20,810	21,400	22,050	22,750	23,540	24,320	25,020	25,650	26,360
Tairāwhiti	8,175	8,435	8,730	9,015	9,300	9,580	9,925	10,270	10,585	10,820	11,080
Taranaki	22,625	23,235	24,015	24,685	25,465	26,190	27,075	27,980	28,780	29,450	30,010
Waikato	72,740	75,260	77,880	80,390	83,150	85,920	88,760	91,680	94,450	97,000	99,270
<b>Midland total</b>	<b>175,970</b>	<b>181,620</b>	<b>187,625</b>	<b>193,160</b>	<b>199,305</b>	<b>205,500</b>	<b>212,230</b>	<b>219,110</b>	<b>225,405</b>	<b>231,020</b>	<b>236,240</b>
<b>Central region</b>											
Capital and Coast	43,950	45,320	46,700	48,100	49,530	51,280	53,010	54,780	56,670	58,400	60,060
Hawke's Bay	33,770	34,820	35,860	36,820	37,920	39,050	40,250	41,450	42,650	43,780	44,660
Hutt Valley	22,890	23,630	24,390	25,030	25,980	26,900	27,790	28,740	29,640	30,430	31,200
MidCentral	34,570	35,510	36,550	37,490	38,590	39,750	40,980	42,230	43,500	44,590	45,530
Wairarapa	10,935	11,340	11,695	11,970	12,275	12,630	12,990	13,350	13,650	13,930	14,165
Whanganui	14,080	14,555	14,990	15,350	15,790	16,240	16,700	17,180	17,660	18,070	18,450
<b>Central total</b>	<b>160,195</b>	<b>165,175</b>	<b>170,185</b>	<b>174,760</b>	<b>180,085</b>	<b>185,850</b>	<b>191,720</b>	<b>197,730</b>	<b>203,770</b>	<b>209,200</b>	<b>214,065</b>
<b>South Island region</b>											
Canterbury	91,940	94,940	97,950	100,790	104,140	107,520	111,270	115,140	118,630	121,930	125,070
Nelson Marlborough	35,120	36,500	37,770	38,970	40,240	41,580	42,950	44,270	45,610	46,850	47,900
South Canterbury	13,855	14,175	14,550	14,840	15,235	15,625	16,025	16,470	16,925	17,280	17,545
Southern	59,840	61,870	63,750	65,660	67,620	69,730	72,000	74,300	76,380	78,460	80,230
West Coast	6,995	7,235	7,510	7,785	8,060	8,350	8,650	8,915	9,150	9,420	9,615
<b>South Island total</b>	<b>207,750</b>	<b>214,720</b>	<b>221,530</b>	<b>228,045</b>	<b>235,295</b>	<b>242,805</b>	<b>250,895</b>	<b>259,095</b>	<b>266,695</b>	<b>273,940</b>	<b>280,360</b>
<b>Total population</b>	<b>796,675</b>	<b>823,295</b>	<b>850,300</b>	<b>876,415</b>	<b>905,325</b>	<b>935,575</b>	<b>967,665</b>	<b>1,000,645</b>	<b>1,032,870</b>	<b>1,062,710</b>	<b>1,090,055</b>

Table 17. Māori older adult population projections (65 years and older), for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	2,750	2,930	3,160	3,380	3,650	3,910	4,220	4,530	4,860	5,130	5,380
Counties Manukau	5,110	5,430	5,780	6,070	6,410	6,790	7,230	7,710	8,170	8,630	9,100
Northland	6,170	6,520	6,880	7,220	7,640	8,050	8,490	8,930	9,420	9,830	10,220
Waitematā	3,420	3,620	3,880	4,180	4,520	4,850	5,190	5,570	5,990	6,330	6,680
<b>Northern total</b>	<b>17,450</b>	<b>18,500</b>	<b>19,700</b>	<b>20,850</b>	<b>22,220</b>	<b>23,600</b>	<b>25,130</b>	<b>26,740</b>	<b>28,440</b>	<b>29,920</b>	<b>31,380</b>
<b>Midland region</b>											
Bay of Plenty	5,420	5,660	5,910	6,180	6,500	6,830	7,210	7,630	7,950	8,270	8,610
Lakes	3,150	3,310	3,510	3,680	3,920	4,160	4,350	4,600	4,800	4,970	5,200
Tairāwhiti	2,780	2,980	3,180	3,400	3,600	3,800	4,010	4,240	4,440	4,580	4,740
Taranaki	1,710	1,830	1,990	2,120	2,280	2,420	2,590	2,760	2,900	3,070	3,190
Waikato	6,830	7,230	7,690	8,080	8,520	9,040	9,530	10,060	10,640	11,140	11,610
<b>Midland total</b>	<b>19,890</b>	<b>21,010</b>	<b>22,280</b>	<b>23,460</b>	<b>24,820</b>	<b>26,250</b>	<b>27,690</b>	<b>29,290</b>	<b>30,730</b>	<b>32,030</b>	<b>33,350</b>
<b>Central region</b>											
Capital and Coast	2,110	2,200	2,320	2,440	2,540	2,690	2,860	3,060	3,270	3,450	3,660
Hawke's Bay	3,540	3,700	3,870	4,090	4,320	4,550	4,810	4,990	5,190	5,400	5,580
Hutt Valley	1,570	1,660	1,780	1,880	2,040	2,210	2,320	2,460	2,610	2,730	2,880
MidCentral	2,560	2,740	2,910	3,020	3,240	3,450	3,630	3,840	4,110	4,330	4,520
Wairarapa	610	650	720	760	810	860	930	1,000	1,060	1,100	1,150
Whanganui	1,570	1,660	1,720	1,770	1,870	1,940	2,010	2,120	2,210	2,260	2,370
<b>Central total</b>	<b>11,960</b>	<b>12,610</b>	<b>13,320</b>	<b>13,960</b>	<b>14,820</b>	<b>15,700</b>	<b>16,560</b>	<b>17,470</b>	<b>18,450</b>	<b>19,270</b>	<b>20,160</b>
<b>South Island region</b>											
Canterbury	3,130	3,360	3,640	3,940	4,260	4,590	4,910	5,300	5,640	5,980	6,350
Nelson Marlborough	1,290	1,370	1,470	1,550	1,670	1,800	1,910	2,060	2,170	2,310	2,430
South Canterbury	400	410	460	490	500	520	560	610	670	720	760
Southern	2,290	2,450	2,630	2,840	3,040	3,230	3,420	3,660	3,870	4,100	4,300
West Coast	310	330	370	410	450	490	540	600	640	660	690
<b>South Island total</b>	<b>7,420</b>	<b>7,920</b>	<b>8,570</b>	<b>9,230</b>	<b>9,920</b>	<b>10,630</b>	<b>11,340</b>	<b>12,230</b>	<b>12,990</b>	<b>13,770</b>	<b>14,530</b>
<b>Total population</b>	<b>56,720</b>	<b>60,040</b>	<b>63,870</b>	<b>67,500</b>	<b>71,780</b>	<b>76,180</b>	<b>80,720</b>	<b>85,730</b>	<b>90,610</b>	<b>94,990</b>	<b>99,420</b>

Table 18. Pasifika older adult population projections (65 years and older), for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	4,190	4,260	4,340	4,430	4,590	4,750	4,880	5,010	5,180	5,350	5,560
Counties Manukau	8,080	8,520	8,970	9,430	9,910	10,470	11,020	11,620	12,320	13,050	13,800
Northland	350	370	390	430	470	510	550	580	630	660	680
Waitematā	2,950	3,100	3,160	3,250	3,430	3,550	3,710	3,860	4,130	4,370	4,600
<b>Northern total</b>	<b>15,570</b>	<b>16,250</b>	<b>16,860</b>	<b>17,540</b>	<b>18,400</b>	<b>19,280</b>	<b>20,160</b>	<b>21,070</b>	<b>22,260</b>	<b>23,430</b>	<b>24,640</b>
<b>Midland region</b>											
Bay of Plenty	330	340	370	390	410	450	470	500	520	550	610
Lakes	200	210	210	230	250	260	270	280	300	300	310
Tairāwhiti	85	85	95	105	105	110	120	130	140	145	160
Taranaki	105	125	135	145	155	170	195	210	220	210	220
Waikato	930	1,000	1,080	1,150	1,220	1,280	1,350	1,410	1,510	1,590	1,710
<b>Midland total</b>	<b>1,650</b>	<b>1,760</b>	<b>1,890</b>	<b>2,020</b>	<b>2,140</b>	<b>2,270</b>	<b>2,405</b>	<b>2,530</b>	<b>2,690</b>	<b>2,795</b>	<b>3,010</b>
<b>Central region</b>											
Capital and Coast	1,890	1,900	1,940	1,940	1,990	2,030	2,070	2,120	2,210	2,270	2,340
Hawke's Bay	410	420	450	460	500	520	540	540	600	640	660
Hutt Valley	990	1,020	1,050	1,060	1,110	1,110	1,150	1,160	1,210	1,230	1,280
MidCentral	400	420	440	480	500	530	570	600	620	670	680
Wairarapa	75	85	90	85	85	95	95	100	100	120	135
Whanganui	120	135	160	160	150	170	190	210	210	230	260
<b>Central total</b>	<b>3,885</b>	<b>3,980</b>	<b>4,130</b>	<b>4,185</b>	<b>4,335</b>	<b>4,455</b>	<b>4,615</b>	<b>4,730</b>	<b>4,950</b>	<b>5,160</b>	<b>5,355</b>
<b>South Island region</b>											
Canterbury	820	880	950	1,010	1,100	1,190	1,280	1,350	1,430	1,500	1,620
Nelson Marlborough	160	170	190	200	230	250	270	290	310	320	350
South Canterbury	45	45	50	50	65	75	85	90	95	100	105
Southern	430	480	520	550	570	600	640	680	700	760	810
West Coast	20	35	35	40	45	55	60	55	65	75	75
<b>South Island total</b>	<b>1,475</b>	<b>1,610</b>	<b>1,745</b>	<b>1,850</b>	<b>2,010</b>	<b>2,170</b>	<b>2,335</b>	<b>2,465</b>	<b>2,600</b>	<b>2,755</b>	<b>2,960</b>
<b>Total population</b>	<b>22,580</b>	<b>23,600</b>	<b>24,625</b>	<b>25,595</b>	<b>26,885</b>	<b>28,175</b>	<b>29,515</b>	<b>30,795</b>	<b>32,500</b>	<b>34,140</b>	<b>35,965</b>

Table 19. Asian older adult population projections (65 years and older), for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	12,430	13,170	13,950	14,730	15,410	16,220	16,980	17,830	18,950	20,040	21,040
Counties Manukau	13,980	15,150	16,350	17,520	18,630	19,930	21,210	22,500	23,970	25,310	26,610
Northland	480	560	630	710	760	850	920	1,000	1,100	1,200	1,290
Waitematā	11,860	13,120	14,370	15,580	16,840	17,990	19,200	20,500	21,840	23,110	24,360
<b>Northern total</b>	<b>38,750</b>	<b>42,000</b>	<b>45,300</b>	<b>48,540</b>	<b>51,640</b>	<b>54,990</b>	<b>58,310</b>	<b>61,830</b>	<b>65,860</b>	<b>69,660</b>	<b>73,300</b>
<b>Midland region</b>											
Bay of Plenty	900	1,020	1,160	1,300	1,450	1,630	1,790	1,990	2,190	2,390	2,560
Lakes	470	510	570	630	660	730	810	880	960	1,020	1,100
Tairāwhiti	80	90	85	90	105	110	115	130	145	165	190
Taranaki	280	300	350	390	410	440	500	560	640	680	750
Waikato	2,650	2,860	3,120	3,320	3,590	3,870	4,140	4,440	4,750	5,030	5,310
<b>Midland total</b>	<b>4,380</b>	<b>4,780</b>	<b>5,285</b>	<b>5,730</b>	<b>6,215</b>	<b>6,780</b>	<b>7,355</b>	<b>8,000</b>	<b>8,685</b>	<b>9,285</b>	<b>9,910</b>
<b>Central region</b>											
Capital and Coast	3,690	3,920	4,200	4,480	4,760	5,030	5,390	5,790	6,220	6,660	7,130
Hawke's Bay	570	620	650	710	750	840	880	960	1,020	1,110	1,210
Hutt Valley	1,800	1,960	2,120	2,240	2,400	2,600	2,770	2,950	3,180	3,400	3,610
MidCentral	1,070	1,150	1,260	1,340	1,460	1,570	1,710	1,840	1,970	2,100	2,270
Wairarapa	110	125	125	135	140	155	175	200	210	230	260
Whanganui	180	210	240	290	340	350	380	420	450	500	550
<b>Central total</b>	<b>7,420</b>	<b>7,985</b>	<b>8,595</b>	<b>9,195</b>	<b>9,850</b>	<b>10,545</b>	<b>11,305</b>	<b>12,160</b>	<b>13,050</b>	<b>14,000</b>	<b>15,030</b>
<b>South Island region</b>											
Canterbury	3,570	3,940	4,300	4,670	5,060	5,470	5,910	6,370	6,870	7,300	7,750
Nelson Marlborough	300	360	390	440	500	570	640	710	820	910	1,000
South Canterbury	130	130	160	160	190	220	240	260	340	370	400
Southern	880	1,000	1,160	1,300	1,460	1,620	1,820	2,000	2,200	2,410	2,620
West Coast	45	50	55	65	75	85	90	100	105	115	130
<b>South Island total</b>	<b>4,925</b>	<b>5,480</b>	<b>6,065</b>	<b>6,635</b>	<b>7,285</b>	<b>7,965</b>	<b>8,700</b>	<b>9,440</b>	<b>10,335</b>	<b>11,105</b>	<b>11,900</b>
<b>Total population</b>	<b>55,475</b>	<b>60,245</b>	<b>65,245</b>	<b>70,100</b>	<b>74,990</b>	<b>80,280</b>	<b>85,670</b>	<b>91,430</b>	<b>97,930</b>	<b>104,050</b>	<b>110,140</b>



Table 20. Other ethnic groups' older adult population projections (65 years and older), for years ended 31 December 2020 to 2030, by DHB-locality

DHB-locality	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Northern region</b>											
Auckland	39,530	40,560	41,710	42,940	44,140	45,390	46,810	48,210	49,370	50,600	51,710
Counties Manukau	39,590	40,100	40,500	41,090	41,880	42,700	43,600	44,520	45,400	46,160	46,900
Northland	32,530	33,700	34,610	35,550	36,490	37,440	38,430	39,480	40,430	41,270	41,980
Waitematā	69,340	70,670	72,280	73,940	75,870	78,020	80,380	82,860	85,240	87,510	89,480
<b>Northern total</b>	<b>180,990</b>	<b>185,030</b>	<b>189,100</b>	<b>193,520</b>	<b>198,380</b>	<b>203,550</b>	<b>209,220</b>	<b>215,070</b>	<b>220,440</b>	<b>225,540</b>	<b>230,070</b>
<b>Midland region</b>											
Bay of Plenty	46,150	47,460	48,750	49,800	50,980	52,150	53,460	54,740	55,910	56,890	57,740
Lakes	15,810	16,180	16,520	16,860	17,220	17,600	18,110	18,560	18,960	19,360	19,750
Tairāwhiti	5,230	5,280	5,370	5,420	5,490	5,560	5,680	5,770	5,860	5,930	5,990
Taranaki	20,530	20,980	21,540	22,030	22,620	23,160	23,790	24,450	25,020	25,490	25,850
Waikato	62,330	64,170	65,990	67,840	69,820	71,730	73,740	75,770	77,550	79,240	80,640
<b>Midland total</b>	<b>150,050</b>	<b>154,070</b>	<b>158,170</b>	<b>161,950</b>	<b>166,130</b>	<b>170,200</b>	<b>174,780</b>	<b>179,290</b>	<b>183,300</b>	<b>186,910</b>	<b>189,970</b>
<b>Central region</b>											
Capital and Coast	36,260	37,300	38,240	39,240	40,240	41,530	42,690	43,810	44,970	46,020	46,930
Hawke's Bay	29,250	30,080	30,890	31,560	32,350	33,140	34,020	34,960	35,840	36,630	37,210
Hutt Valley	18,530	18,990	19,440	19,850	20,430	20,980	21,550	22,170	22,640	23,070	23,430
MidCentral	30,540	31,200	31,940	32,650	33,390	34,200	35,070	35,950	36,800	37,490	38,060
Wairarapa	10,140	10,480	10,760	10,990	11,240	11,520	11,790	12,050	12,280	12,480	12,620
Whanganui	12,210	12,550	12,870	13,130	13,430	13,780	14,120	14,430	14,790	15,080	15,270
<b>Central total</b>	<b>136,930</b>	<b>140,600</b>	<b>144,140</b>	<b>147,420</b>	<b>151,080</b>	<b>155,150</b>	<b>159,240</b>	<b>163,370</b>	<b>167,320</b>	<b>170,770</b>	<b>173,520</b>
<b>South Island region</b>											
Canterbury	84,420	86,760	89,060	91,170	93,720	96,270	99,170	102,120	104,690	107,150	109,350
Nelson Marlborough	33,370	34,600	35,720	36,780	37,840	38,960	40,130	41,210	42,310	43,310	44,120
South Canterbury	13,280	13,590	13,880	14,140	14,480	14,810	15,140	15,510	15,820	16,090	16,280
Southern	56,240	57,940	59,440	60,970	62,550	64,280	66,120	67,960	69,610	71,190	72,500
West Coast	6,620	6,820	7,050	7,270	7,490	7,720	7,960	8,160	8,340	8,570	8,720
<b>South Island total</b>	<b>193,930</b>	<b>199,710</b>	<b>205,150</b>	<b>210,330</b>	<b>216,080</b>	<b>222,040</b>	<b>228,520</b>	<b>234,960</b>	<b>240,770</b>	<b>246,310</b>	<b>250,970</b>
<b>Total population</b>	<b>661,900</b>	<b>679,410</b>	<b>696,560</b>	<b>713,220</b>	<b>731,670</b>	<b>750,940</b>	<b>771,760</b>	<b>792,690</b>	<b>811,830</b>	<b>829,530</b>	<b>844,530</b>

# Appendix

This appendix presents the technical notes provided by Statistics New Zealand to the Ministry of Health to support the DHB population projections 2018 update.<sup>1</sup>

## District Health Boards Ethnic Group Population Projections, 2014–43 (2013-Base) – 2019 Update

### 1. General Comment

The brief for this project was to produce an updated set of population projections, by prioritised ethnic group, for the 20 district health boards and New Zealand by taking into account the latest population, births, deaths and migration data.

The base population for this set of projections is the estimated resident population at 30 June 2013. These estimates have the 2013 Census usually resident population counts as their starting point.

These district health board population projections were produced specifically for the Ministry of Health and should be referred to as “Projections produced by Statistics New Zealand according to assumptions agreed to by the Ministry of Health” in any dissemination or citation.

The projections are by 5-year age groups (except for 0 and 1-4 years) and sex, and cover the period 2013 to 2043 for the total population and 2013 to 2038 for the ethnic group populations. Population projections by single year of age are also provided. The ethnic groups are Māori, Pasifika (excluding Māori), Asian (excluding Māori and Pasifika), Other, and Total. Only one series – designated medium – has been produced.

These population projections do take into account results from the 2018 Census, as they make use of the latest 2019 subnational population estimates. A summary of the updates can be found here: <https://www.stats.govt.nz/methods/summary-of-changes-to-subnational-population-estimates-at-30-june-2019-provisional> and details of the published 2019 estimates here: <https://www.stats.govt.nz/information-releases/subnational-population-estimates-at-30-june-2019-provisional>. Details of how revised subnational population estimates at 30 June 2018 were derived are given in Section 4 below.

## 2. Method

A special "Cohort-Component" method was used to derive the Māori, Pasifika and Asian ethnic group population projections. The method differs from the conventional cohort component method in two respects:

1. For each ethnic group, births have been projected separately for women, and for men where the mother is not of that ethnic group. For example, Pasifika births have been projected separately for Pasifika (excluding Māori) women, and for Pasifika (excluding Māori) men where the mother is non-Māori and non-Pasifika.
2. The projections allow for population change due to inter-ethnic mobility or ethnic category jumping (ie people changing their ethnic identification over time).

In this method the base population is projected forward by calculating the effects of deaths, migration and inter-ethnic mobility within each age-sex group according to the specified mortality, migration and inter-ethnic mobility assumptions. New birth cohorts are generated by applying specified fertility assumptions to the female population of childbearing age, and specified paternity assumptions to the male population.

Population projections are initially derived by 5-year age groups and sex in 5-yearly intervals from 2013 to 2043 (or 2038 for the ethnic groups). These projections are then converted into single year of age and sex projections annually from 2013 to 2043 (or 2038).

Population projections for the Other ethnic group were derived by subtracting the Māori, Pasifika, and Asian projections from the Total population projections.

## 3. Base Population

The population projections have as their base the estimated resident population of each ethnic group of each district health board at 30 June 2013. These populations were calculated by updating the census usually resident population count at 5 March 2013 for:

- a. non-response to the census ethnicity question
- b. net census undercount
- c. residents temporarily overseas on census night (5 March 2013)
- d. births, deaths and net migration between census night and 30 June 2013
- e. reconciliation with demographic estimates at ages 0-9 years.

The ethnic classification used here is based on the concept of self-identification. Therefore, the Māori population excludes those people who have Māori ancestry but do not identify themselves as Māori. Similarly, the Pasifika population excludes those people who have Pasifika ancestry but do not identify themselves with the Pasifika ethnic group, and the Asian population excludes those people who have Asian ancestry but do not identify themselves with the Asian ethnic group.

People can only be included in one ethnic group, for these projections, which means that those people who identify with more than one ethnic group have had their ethnicity prioritised in the following order – Māori, Pasifika, Asian and Other.

#### **4. Subnational Population Estimates at 30 June 2018**

Given that 2018 Census population data has been released but the associated estimated resident population at 30 June 2018 has not yet been derived (see <https://www.stats.govt.nz/news/expected-updates-for-population-statistics-2019-20>) this meant that a methodology had to be created so that these DHB projections took into account the Census results. Statistics New Zealand has also changed how it measures historic net migration from intentions-based migration to outcomes-based migration (see <https://www.stats.govt.nz/methods/outcomes-versus-intentions-measuring-migration-based-on-travel-histories>). This meant that a revision of 2013-base national population estimates was needed, as was a revised set of subnational population estimates at 30 June 2018.

National population estimates taking into account births, deaths and outcomes-based migration on a quarterly basis from 30 June 2013 to 30 June 2018 were released in August this year. The revision resulted in net migration over the 5-year period changing from 303,000 (the permanent and long-term concept) to 258,600 (the new 12/16 rule). These national population estimates did not use the 2018 Census usually resident population counts in their derivation.

The usually resident population change between the 2013 and 2018 Censuses for subnational areas are not necessarily consistent with changes indicated from administrative data sources that are used in the derivation of Statistics New Zealand's population estimates. This meant a new methodology was needed to derive revised population estimates at 30 June 2018 that took into account results from the 2018 Census. The method adopted was to start with the 2018 Census usually resident population counts by single year of age and sex for subnational areas, and to prorate them to sum to the revised national population estimates at 30 June 2018. The result is that the estimated total population at 30 June 2018 is approximately 3 percent higher than the 2018 Census usually resident population count for each DHB.

These population estimates will be revised again by March 2020 to incorporate 2018 Census and 2018 post-enumeration survey results, and any updated final birth, death, and migration estimates.

## 5. Projection Assumptions

These population projections incorporate assumptions regarding fertility, mortality, migration and inter-ethnic mobility for each ethnic group. The assumptions take into account historical demographic trends and characteristics of each district health board.

Over the last 3 months Statistics New Zealand has released 2018 Census data, a revised and new sets of national population estimates from September 2013 onwards, and revised and new sets of subnational population estimates as at 30 June 2018 and 2019, respectively. These DHB population projections are consistent with each of these population data sources.

Details of the fertility, mortality, migration and inter-ethnic mobility assumptions for each DHB and each ethnic group are given in Excel file: DHB Projections Assumptions 2013-Base (2019 Update).xlsx.

## 6. Changes in DHB Net Migration Levels from Last Year

The DHB migration levels for the 5-years ending June 2018 were derived as a residual by calculating the estimated population change from 2013 to 2018 and subtracting the natural increase over that period. By taking results from the 2018 Census into account, the projected net migration for the 5-years ending June 2018 for this year's projections are significantly different to the levels adopted with last year's projections for some DHBs. The largest difference is in Auckland DHB which has net migration decreasing from 58,800 last year to 3,600 with this year's projections. Other DHBs to have lower net migration this year include Waitemata, Counties Manukau, Tairāwhiti, Capital and Coast, West Coast, and Canterbury.

Bay of Plenty DHB has the largest increase with this year's net migration of 27,600 being 10,500 higher than last year's assumed level of 17,100. Other DHBs with significant increases include Northland, Lakes, Hawke's Bay, Whanganui, Hutt, Nelson Marlborough, and Southern.

The DHB migration levels for each 5-year period from 2028 onwards are unchanged from last year's projections. The rationale is that the net migration levels for the 5-years ending June 2018 aren't final and will be further revised next year following the derivation of the estimated resident population at 30 June 2018 and hence it is premature to adjust the long-term projected net migration levels.

The net migration levels for each DHB for the 5-year period ending June 2023 are initially derived by interpolation of the net migration levels for the 5-year periods

ending 2018 and 2028. They are then adjusted to ensure consistency with the estimated migration for the year ending June 2019 from this year's subnational population estimates.

The assumed net migration levels are given in Excel files: DHB Summary Projections 2013-Base (2019 Update).xlsx and in DHB Projections Assumptions 2013-Base (2019 Update).xlsx.

## **7. Nature of Projections**

These population projections are based on assumptions made about future fertility, mortality, migration and inter-ethnic mobility. Although the assumptions are carefully formulated to represent future trends, they are subject to uncertainty. These projections should therefore be used as guidelines rather than exact forecasts. They measure the changes in the population size and age composition which would occur if the stated assumptions were to apply over the projection period. These projections ignore non-demographic factors (eg catastrophes, war, etc) which may invalidate the projections in the future.

## References

- 1 Statistics New Zealand. (2019). *Projections produced by Statistics New Zealand according to assumptions specified by the Ministry of Health - 2019 update*. Wellington: Ministry of Health.
- 2 Te Pou o te Whakaaro Nui. (2017). *Workforce planning guide: Getting the right people and skills in the future workforce*. Auckland: Te Pou o te Whakaaro Nui.

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