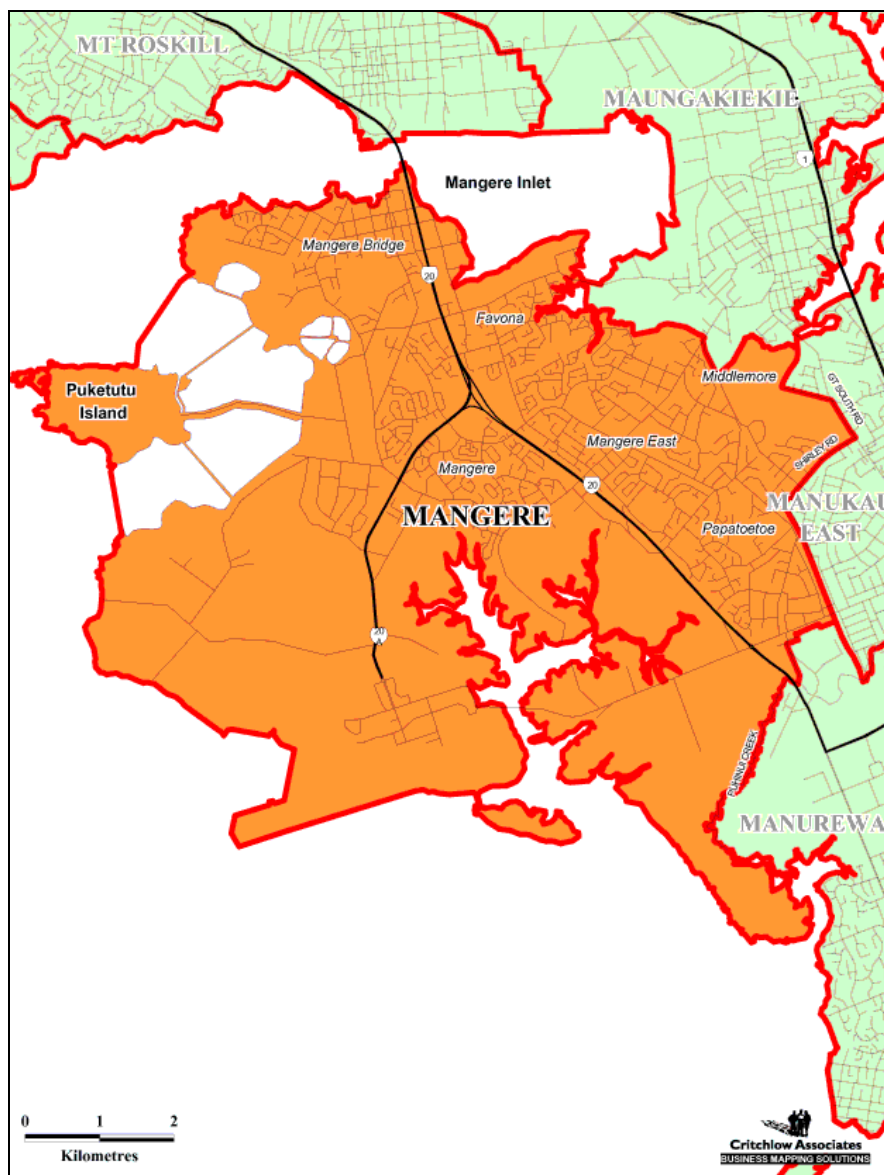


Electorate Profile

Mangere



Parliamentary Library

Te Pātaka Rangahau a Te Whare Pāremata

October 2005

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Electoral Profile

General Notes

Unchanged for the 2002 election, the Mangere electorate has Auckland International Airport within its boundaries, and the suburban communities of Mangere, Papatoetoe (west of the North Island main trunk railway), and Middlemore.

Between the 1996 and 2001 census, Mangere had population growth of 6.2%, almost double the national level. Mangere had the highest proportion of under 5 year-olds (10.8%), and 5-14 year-olds (19.9%) in the country in 2001. In the same year it had the lowest proportion of Europeans (27.8%), and highest proportion of Pacific Islanders (49.0%) in New Zealand. Of households in 2001, 10% were two family households, and 78.5% had no access to the internet – the highest proportions of any general electorate.

Election Results

The winning candidate in the 2005 election, Taito Phillip Field (Labour Party), captured a majority (70.64%) of the 27,793 valid electorate votes cast for candidates in the Mangere electorate. The seat was also held in 2002 by Taito Phillip Field (Labour Party) with a margin of 15,375. The Labour Party captured a majority (72.89%) of the party votes in Mangere, up about 2 percentage points on its party vote share in 2002. Turnout (total votes cast as a proportion of enrolled electors) in 2005 was 72.89%.

2005 Election Results – Ranked by Electorate Vote

Winning Candidate: FIELD, Taito Phillip (LAB) - Majority: 16020					
Electorate Votes			Party Votes		
Candidate	Valid Votes	Share (%)	Party	Valid Votes	Share (%)
FIELD, Taito Phillip	19,633	70.64	Labour Party	20,900	72.89
SIMICH, Clem	3,613	13.00	National Party	3,894	13.58
SAAFI, Edward	892	3.21	Destiny New Zealand	445	1.55
GREENING, Toa	831	2.99	New Zealand First Party	1,189	4.15
STRICKSON-PUA, Mua Sofi	767	2.76	Green Party	503	1.75
WILSON, Neville	573	2.06	United Future New Zealand	467	1.63
MATTHEWS, Solomon	522	1.88	Māori Party	330	1.15
PO'E, Tala	341	1.23	Jim Anderton's Progressive	429	1.50
PA'O WILLIAMS, Susi	305	1.10	NZ Family Rights Protection Party	184	0.64
RICHARDS, Len	204	0.73	Alliance	48	0.17
MULLER, Mark	56	0.20			
TEIO, Paul	56	0.20	Direct Democracy Party	21	0.07
			ACT New Zealand	141	0.49
			Aotearoa Legalise Cannabis Party	59	0.21
			Christian Heritage NZ	42	0.15
			OneNZ Party	8	0.03
			Democrats for Social Credit	5	0.02
			Libertarianz	5	0.02
			99 MP Party	2	0.01
			The Republic of NZ Party	2	0.01
Total Valid Votes	27,793	100.00		28,674	100.00
Total Votes Cast	28,246			28,967	

Voter Enrolment and Turnout 2002, 2005

	Mangere NZ		Mangere NZ	
	2002		2005	
Voting Age Population (VAP) *	44,130	2,816,040	47,600	2,990,300
Electors on General Roll (EGR)	36,240	2,475,916	40,755	2,639,393
Electors on Maori Roll	5,166	194,114	5,599	208,003
Total Enrolled **	41,406	2,670,030	46,354	2,847,396
Total Votes Cast by EGR (TVC)	25,692	1,943,659	29,707	2,164,495
% VAP Enrolled	93.8%	94.8%	97.4%	95.2%
Turnout (TVC as % EGR)	70.9%	78.5%	72.9%	82.0%

* Estimated population statistics as at: June 2001; June 2005.

** Enrolment statistics as at: July 2002; 17 September 2005.

2002 Election Results – Ranked by Electorate Vote

Winning Candidate: FIELD, Taito Phillip Hans - majority 15375					
Electorate Votes			Party Votes		
Candidate	Valid Votes	Share (%)	Party	Valid Votes	Share (%)
FIELD, Taito Phillip Hans	17,995	74.63	Labour Party	17,586	70.90
TAYLOR, Sylvia Rina	2,620	10.87	National Party	1,839	7.41
ABEL, Stephen	874	3.62	Green Party	806	3.25
SETTLE, Herbert Bruce	754	3.13	United Future	889	3.58
BROWN, Rosie	609	2.53	Progressive Coalition	618	2.49
ANGELL, Juanita	467	1.94	ACT	573	2.31
PANAPA, Steven	442	1.83	Christian Heritage	345	1.39
RICHARDS, Leonard	350	1.45	Alliance	273	1.10
			NZ First	1,585	6.39
			Legalise Cannabis	164	0.66
			Outdoor Rec. NZ	83	0.33
			Mana Maori	31	0.12
			OneNZ Party	9	0.04
			NMP	3	0.01
Total Valid Votes	24,111	100.00		24,804	100.00
Total Votes Cast	24,599			25,022	

1999 Election Results

FIELD, Taito Phillip - Labour Party *majority* 13,047

Electorate Candidate	Party	Valid Votes	
ALP, Kelvyn Glen	Independent	389	1.68%
BILYARD, Grant	Natural Law Party	89	0.38%
DIXON, Adrian Jon	ACT New Zealand	458	1.98%
FIELD, Taito Phillip	Labour Party	15888	68.60%
HOHEPA, Jerry Nuia	New Zealand First Party	571	2.47%
KOLO, Finau	Alliance	2279	9.84%
PANAPA, Steven Aotearoa	Christian Heritage Party	573	2.47%
TAYLOR, Sylvia	National Party	2841	12.27%
WEPIHA REO, Te Aroha	Mana Wahine Te Ira Tangata	71	0.31%

Electorate Party for Mangere	Valid Votes	
ACT New Zealand	544	2.31%
Alliance	1945	8.25%
Green Party	603	2.56%
Labour Party	15881	67.32%
National Party	2863	12.14%
New Zealand First Party	688	2.92%
United NZ	56	0.24%
Unsuccessful Parties	1010	4.28%

Statistical Profile

Population Summary

Usually Resident Population 2001 Census	65,703
Usually Resident Population 1996 Census	61,884
Increase 1996-2001	3,819
Percentage Increase 1996-2001	6.2
Percentage Increase 1996-2001, Total New Zealand	3.3

Age Groups of the Usually Resident Population

Age Group	Mangere			New Zealand
	Number	%	Rank *	%
under 5 yrs	7,104	10.8	62	7.2
5-14 yrs	13,074	19.9	62	15.4
15-19 yrs	5,403	8.2	57	7.1
20-29 yrs	10,065	15.3	50	13.0
30-49 yrs	17,610	26.8	5	29.8
50-64 yrs	7,905	12.0	3	15.3
65 yrs and over	4,491	6.8	2	12.1
Total	65,649	100.0		100.0
Mean Age (years)	28.9		1	35.8
	Number	%		%
Total 18 years and over	42,264	64.4		73.0
Total Males	32,043	48.8		48.8
Total Females	33,609	51.2		51.2

Ethnic Groups of the Usually Resident Population

Ethnic Group (total responses)	Mangere			New Zealand
	Number	%	Rank *	%
European	18,240	27.8	1	76.8
NZ Maori	12,657	19.3	51	14.1
Pacific Island	32,148	49.0	62	6.2
Asian	7,194	11.0	51	6.4
Other	333	0.5	34	0.7
Not Specified	3,810	5.8		4.0
Total**	74,382	113.3		108.2

* Rank 1 (low) to 62 (high) among general electorates. Ranks are of % in each group. Some totals may differ due to rounding. Electorates are compiled from Meshblocks, each of whose data is rounded to a multiple of 3 (to protect confidentiality).

** The sum of numbers in each ethnic group is greater than the total population because people with more than one ethnicity are counted in each group they belong to. Prepared in the Parliamentary Library from Statistics New Zealand 2001 Census data.

Birthplace of Usually Resident New Zealand Population

	Mangere			New Zealand
	Number	%	Rank*	%
New Zealand	38,586	58.8	3	77.4
Overseas	23,250	35.4	58	18.7
Not Specified	3,765	5.7		4.0
Total Usually Resident Population	65,601	100.0		100.0

Birthplace and Years Since Arrival in New Zealand, for Overseas Born

	Mangere			New Zealand
	Number	%	Rank*	%
<u>UK and Ireland</u>				
0 and under 5 Years	66	0.3	1	3.5
5 and under 10 Years	60	0.3	1	2.2
10 and under 20 Years	99	0.4	1	3.3
20 Years and over	1,035	4.4	1	22.1
Total UK and Ireland	1,323	5.7	1	32.2
<u>Pacific Islands</u>				
0 and under 5 Years	3,861	16.6	62	3.5
5 and under 10 Years	1,554	6.7	62	1.6
10 and under 20 Years	4,992	21.5	62	4.7
20 Years and over	4,719	20.3	62	5.1
Total Pacific Islands	17,214	74.0	62	16.9
<u>North East Asia ⁽¹⁾</u>				
0 and under 5 Years	285	1.2	10	6.3
5 and under 10 Years	171	0.7	13	3.7
10 and under 20 Years	177	0.8	25	1.5
20 Years and over	144	0.6	41	0.6
Total North East Asia	840	3.6	12	12.8
<u>Total Overseas Born</u>				
0 and under 5 Years	5,496	23.6	39	26.0
5 and under 10 Years	2,496	10.7	22	13.8
10 and under 20 Years	6,204	26.7	62	16.1
20 Years and over	6,558	28.2	8	38.5
Total Overseas Born	23,268	100.0		100.0

Languages spoken

	Mangere			New Zealand
	Number	%	Rank*	%
English Only	29,421	44.9	1	76.8
English and NZ Maori	2,925	4.5	47	3.5
NZ Maori Only	144	0.2	45	0.2
Maori, English and Other	879	1.3	62	0.6
Maori and Other	69	0.1	62	0.0
English and Other	20,463	31.2	62	10.8
Other language	4,509	6.9	62	1.5
No Language	2,079	3.2	62	2.0
Language Not Specified	5,100	7.8		4.6
Total	65,589	100.0		100.0

* Rank 1 (low) to 62 (high) among the General Electorates. Ranks are of % in each group.

Some totals may differ due to rounding. Electorates are compiled from Meshblocks, each of whose data is rounded to a multiple of 3 (to protect confidentiality).

(1) North East Asia includes China, Korea, Taiwan, Hong Kong, Japan.

Prepared in the Parliamentary Library from Statistics New Zealand 2001 Census data.

Highest Qualifications of the Population aged 15 years and over

	Mangere			New Zealand
	Number	%	Rank*	%
Higher Degree	375	0.8	1	3.2
Bachelor Degree	1,179	2.6	1	6.9
Advanced Vocational Qualification	1,728	3.8	1	7.2
Intermediate Vocational Qualification	765	1.7	15	1.9
Skilled Vocational Qualification	1,080	2.4	1	4.8
Basic Vocational Qualification	1,458	3.2	7	3.7
Higher School Qualification	2,106	4.6	30	5.4
Sixth Form Qualification	3,549	7.8	1	9.8
Fifth Form Qualification	5,361	11.8	13	13.5
Other NZ Secondary School Qual.	108	0.2	62	0.1
Overseas Secondary School Qual.	4,272	9.4	52	5.7
No Qualification	13,617	30.0	52	23.7
Highest Qualification Not Specified	9,819	21.6		14.1
Total	45,417	100.0		100.0

Personal Income of the Population aged 15 years and over

	Mangere			New Zealand
	Number	%	Rank*	%
Nil or loss	3,426	7.5	61	4.8
\$1 to \$5,000	3,945	8.7	48	8.3
\$5,001 to \$10,000	5,169	11.4	30	11.7
\$10,001 to \$15,000	4,818	10.6	11	13.7
\$15,001 to \$20,000	3,474	7.6	21	8.4
\$20,001 to \$25,000	3,405	7.5	36	7.2
\$25,001 to \$30,000	3,642	8.0	47	7.4
\$30,001 to \$40,000	4,344	9.6	9	10.8
\$40,001 to \$50,000	1,926	4.2	2	6.3
\$50,001 to \$70,000	1,107	2.4	1	5.7
\$70,001 to \$100,000	258	0.6	1	2.4
\$100,001 or More	183	0.4	1	2.2
Not Specified	9,783	21.5		11.1
Total	45,474	100.0		100.0
Average Personal Income	\$19,072		1	\$25,371

Income Support Received by those aged 15 years and over (total responses)

	Mangere			New Zealand
	Number	%	Rank*	%
ACC Regular Payments	396	0.9	9	1.5
National Superannuation	3,333	7.3	1	14.5
Other Superannuation	789	1.7	3	3.1
Community wage job seeker	3,528	7.8	52	6.2
Community wage sickness benefit	1,530	3.4	62	1.9
Domestic Purposes Benefit	2,778	6.1	60	3.7
Invalid's Benefit	1,401	3.1	52	2.3
Student Allowance	1,164	2.6	42	2.7
Other Government Benefits	2,388	5.3	61	3.8
Total Aged 15 years and over	45,474	100.0		100.0

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Labour Force and Employment Status of the Population aged 15 years and over

	Mangere			New Zealand
	Number	%	Rank*	%
Full-time Employed	18,696	41.1	10	46.0
Part-time Employed	4,395	9.7	1	13.8
Unemployed	3,810	8.4	62	4.8
Total Labour Force	26,898	59.2	6	64.6
Not in Labour Force	16,272	35.8	51	32.3
Labour Force Status Not Specified	2,319	5.1		3.1
Total Aged 15 Years and over	45,474	100.0		100.0
Paid Employee	19,014	41.8	14	44.9
Employer	573	1.3	1	4.5
Self-Employed, Not Employing	1,542	3.4	1	7.4
Unpaid Worker in Family Business	312	0.7	10	1.4
Employment Status Not Specified	1,650	3.6		1.7
Total Gainfully Employed	23,091	50.8	3	59.8

Occupations of the Gainfully Employed aged 15 years and over

	Mangere			New Zealand
	Number	%	Rank*	%
Legislators and Administrators and Managers	1,605	7.0	1	12.5
Professionals	1,797	7.8	2	13.9
Technicians and Associate Professionals	1,956	8.5	15	11.0
Clerks	3,594	15.6	50	12.5
Service and Sales Workers	2,919	12.6	13	14.0
Agriculture and Fishery Workers	384	1.7	19	8.0
Trades Workers	2,181	9.4	44	8.4
Plant and Machine Operators and Assemblers	3,480	15.1	62	8.3
Elementary Occupations	2,625	11.4	62	5.8
Not Specified	2,550	11.0		5.5
Total	23,091	100.0		100.0

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Prepared in the Parliamentary Library from Statistics New Zealand 2001 Census data.

Industries of the Gainfully Employed aged 15 years and over

	Mangere			New Zealand
	Number	%	Rank *	%
Agriculture, Forestry and Fishing	282	1.2	23	8.3
Mining	3	0.0	3	0.2
Manufacturing	4,806	20.8	62	13.0
Electricity, Gas and Water Supply	78	0.3	36	0.3
Construction	1,197	5.2	18	6.0
Wholesale Trade	1,695	7.3	48	5.8
Retail Trade	2,331	10.1	7	12.1
Accommodation, Cafes and Restaurants	1,140	4.9	44	4.7
Transport and Storage	1,719	7.4	62	3.8
Communication Services	435	1.9	47	1.3
Finance and Insurance	546	2.4	25	3.0
Property and Business Services	2,106	9.1	26	11.3
Government Administration and Defence	438	1.9	11	3.5
Education	1,341	5.8	8	7.3
Health and Community Services	1,614	7.0	18	8.1
Cultural and Recreational Services	369	1.6	12	2.4
Personal and other Services	657	2.8	5	3.7
Not Specified	2,334	10.1		5.3
Total	23,088	100.0		100.0

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Prepared in the Parliamentary Library from Statistics New Zealand 2001 Census data.

Family Type of Families in Private Dwellings

	Mangere			New Zealand
	Number	%	Rank*	%
Couple Only	3,288	22.2	1	39.0
Two Parent Family	7,194	48.5	57	42.1
One Parent Family	4,362	29.4	62	18.9
Total	14,844	100.0		100.0

Family Income

	Mangere			New Zealand
	Number	%	Rank*	%
Loss or Zero	279	1.9	62	0.7
1 to 5000	495	3.3	62	1.2
5001 to 10000	378	2.5	62	1.3
10001 to 15000	729	4.9	53	4.0
15001 to 20000	969	6.5	26	7.0
20001 to 25000	657	4.4	37	4.2
25001 to 30000	1,134	7.6	23	8.7
30001 to 40000	1,284	8.6	28	9.0
40001 to 50000	1,221	8.2	14	9.7
50001 to 70000	2,040	13.6	5	16.2
70001 to 100000	1,101	7.4	4	11.0
100001 or More	549	3.7	1	10.9
Income Not Specified	4,119	27.5		16.1
Total Families	14,955	100.0		100.0
Average Family Income	\$40,917		1	\$54,224

Social Marital Status of People Aged 15 years and over

	Mangere			New Zealand
	Number	%	Rank*	%
Married	17,691	38.9	8	45.2
Other partnerships	4,950	10.9	38	11.6
Total Partnerships	22,641	49.8	7	56.9
Non Partnered	17,901	39.4	48	36.7
Social Marital Not Specified	4,932	10.8		6.4
Total Aged 15 Years and over	45,474	100.0		100.0

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Prepared in the Parliamentary Library from Statistics New Zealand 2001 Census data.

Household Composition of Private Dwellings

	Mangere			New Zealand
	Number	%	Rank *	%
One Family	10,800	66.3	16	67.6
Two Families	1,650	10.1	62	2.0
Three or More Families	255	1.6	62	0.1
Non-Family Household	690	4.2	37	5.2
One Person Household	2,046	12.6	1	22.9
Not Available	852	5.2		2.1
Total Households	16,293	100.0		100.0

Access to Telecommunications

	Mangere			New Zealand
	Number	%	Rank *	%
Access to a Telephone	13,368	82.0	1	92.3
Access to a Fax Machine	2,145	13.2	1	24.2
Access to the Internet	3,498	21.5	1	35.9
No Access to Telecommunications Systems	1,413	8.7	62	3.5
Access to Telecommunications Not Specified	1,518	9.3		4.1
Total Households	16,293	100.0		100.0

Tenure of Dwellings

	Mangere			New Zealand
	Number	%	Rank *	%
Owned, With or Without Mortgage	8,166	50.1	6	64.6
Not Owned	6,747	41.4	57	30.7
of which Paying Rent to Private Sector Landlord	2,751	16.9	26	18.7
of which Paying Rent to Other Landlord	3,087	18.9	62	6.4
of which Paying Rent, Landlord Sector unknown	390	2.4		1.6
Tenure Not Specified	1,410	8.7		4.7
Total Households	16,293	100.0		100.0

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**Business Locations and People Employed by Industry at February 2004
in the Approximate Electorate Area**

	Mangere	
	Number of business locations	Number of people employed
Agriculture	65	120
Services to Agriculture; Hunting and Trapping	14	60
Forestry and Logging	1	0
Commercial Fishing	3	0
Coal Mining	0	0
Oil and Gas Extraction	0	0
Metal Ore Mining	0	0
Other Mining	4	15
Services to Mining	0	0
Food, Beverage and Tobacco	13	610
Textile, Clothing, Footwear and Leather Manufacturing	17	130
Wood and Paper Product Manufacturing	14	280
Printing, Publishing and Recorded Media	6	9
Petroleum, Coal, Chemical and Associated Product Manufacturing	10	160
Non-Metallic Mineral Product Manufacturing	4	3
Metal Product Manufacturing	28	220
Machinery and Equipment Manufacturing	58	2,260
Other Manufacturing	28	330
Electricity and Gas Supply	0	0
Water Supply, Sewerage and Drainage Services	2	130
General Construction	94	65
Construction Trade Services	235	170
Basic Material Wholesaling	42	230
Machinery and Motor Vehicle Wholesaling	58	390
Personal and Household Good Wholesaling	125	860
Food Retailing	158	660
Personal and Household Good Retailing	149	1,010
Motor Vehicle Retailing and Services	89	340
Accommodation, Cafes and Restaurants	84	2,040
Road Transport	156	750
Rail Transport	0	0
Water Transport	1	0
Air and Space Transport	35	3,980
Other Transport	3	3
Services to Transport	141	2,890
Storage	14	230
Communication Services	98	840
Finance	50	120
Insurance	3	0
Services to Finance and Insurance	9	0
Property Services	285	450
Business Services	240	1,280
Government Administration	15	850
Defence	0	0
Education	102	1,740
Health Services	61	4,060
Community Services	38	420
Motion Picture, Radio and Television Services	6	6
Libraries, Museums and the Arts	9	20
Sport and Recreation	37	150
Personal Services	59	100
Other Services	73	510
Private Households Employing Staff	0	0
Total	2,736	28,480

These data are for the approximate electorate, to the nearest census area unit.

Included: enterprises having annual GST sales of \$30,000+ or other indicator of economic significance.

Prepared in the Parliamentary Library from Statistics New Zealand Business Demographic data.

Socio-Economic Status Decile of Schools in the Electorate, July 2004

Decile	Number of Schools	Mangere			New Zealand	
		%	Number of Pupils	%	% of Schools	% of Pupils
1	17	56.7	9,399	62.2	10.4	7.6
2	7	23.3	4,245	28.1	9.5	7.8
3	2	6.7	951	6.3	9.3	8.0
4		0.0		0.0	9.6	9.5
5	1	3.3	400	2.6	9.6	10.4
6		0.0		0.0	9.5	9.3
7		0.0		0.0	9.7	10.5
8		0.0		0.0	8.9	8.8
9		0.0		0.0	9.7	10.2
10		0.0		0.0	9.5	13.0
Not allocated	3	10.0	126	0.8	4.3	5.0
Total	30	100.0	15,121	100.0	100.0	100.0

Average school decile (weighted by number of pupils)

1.5

5.9

Decile 10 is the highest socio-economic status.

Ethnic Group or Foreign Fee Paying Status of School Pupils in the Electorate, July 2004

	Mangere		New Zealand	
	Number of Pupils	%		%
NZ European	862	5.7		59.2
NZ Maori	3,492	23.1		20.9
Pacific Peoples	9,037	59.8		8.5
Asian	1,509	10.0		7.8
Other	205	1.4		1.7
Foreign Fee Paying	16	0.1		1.9
MFAT	0	0.0		0.0
Total	15,121	100.0		100.0

Prepared in the Parliamentary Library from Ministry of Education data.

Deprivation Index for Census Area Units in the Electorate Mangere

Census Area Unit	Deprivation Index ¹
Ambury	6
Dingwall	7
Mangere Bridge	8
Papatoetoe North	8
Papatoetoe West	9
Manukau Central	9
Kohuora	9
Mangere East	9
Middlemore	9
Mangere South	10
Grange	10
Aorere	10
Favona	10
Mascot	10
Harania West	10
Arahanga	10
Mangere Central	10
Harania East	10
Viscount	10
Harania North	10
Mangere Station	10
Inlet-Manukau Harbour	
Inlets-Tamaki	

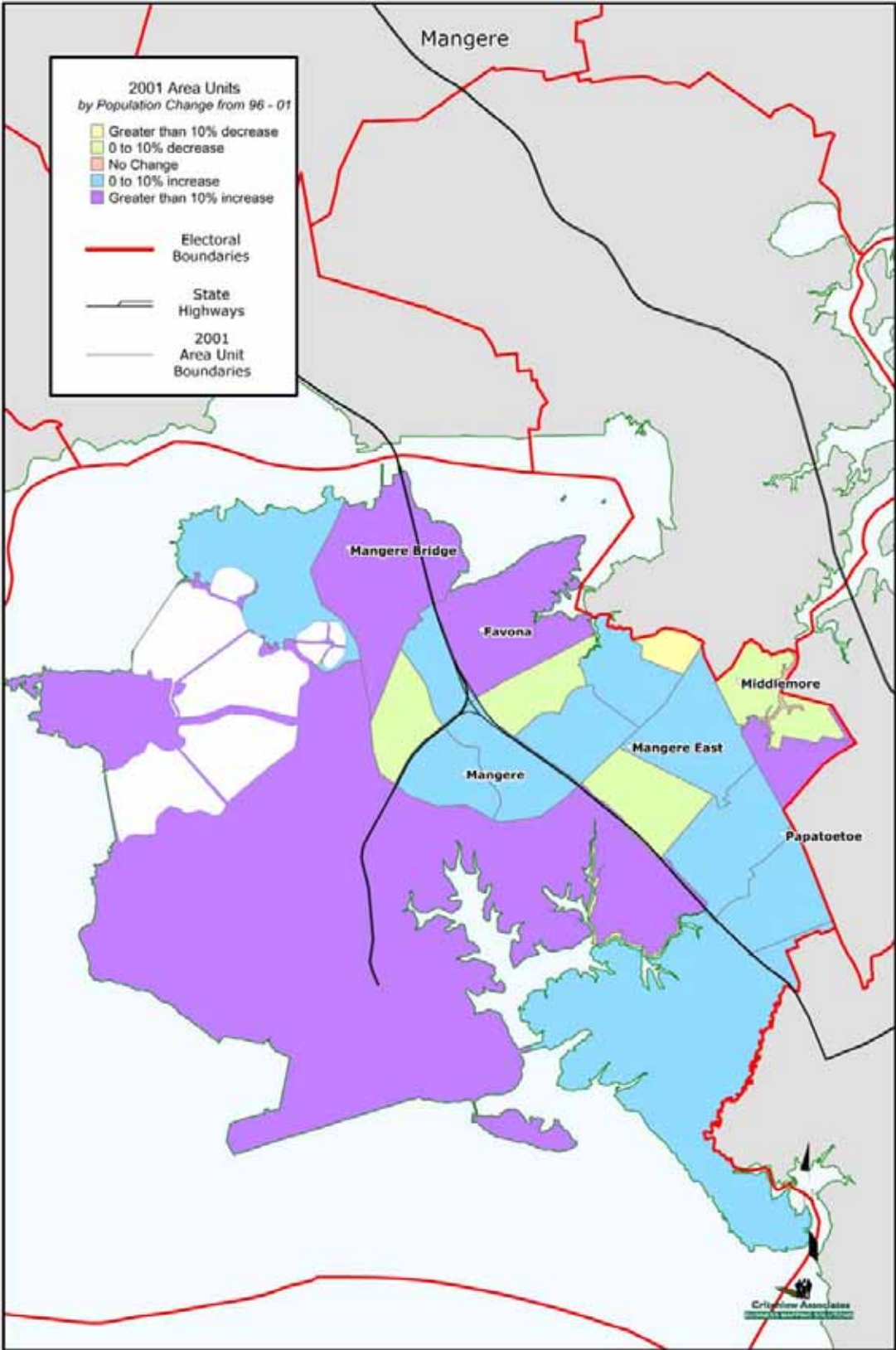
1. The Deprivation Index (a number from 1 to 10) is high for an area with a high degree of "deprivation", and is low for an affluent or less needy area. In New Zealand as a whole, small areas are evenly divided among the ten deciles. The deprivation index is calculated from such factors as proportions of people dependent on benefits, unemployed, and living in a single-parent family, and proportions of households with income below a certain threshold, with no access to a phone, and with no access to a car.

See Degrees of Deprivation in New Zealand: An Atlas of Socioeconomic Difference 2nd Edition, by Crampton, Salmond and Kirkpatrick.

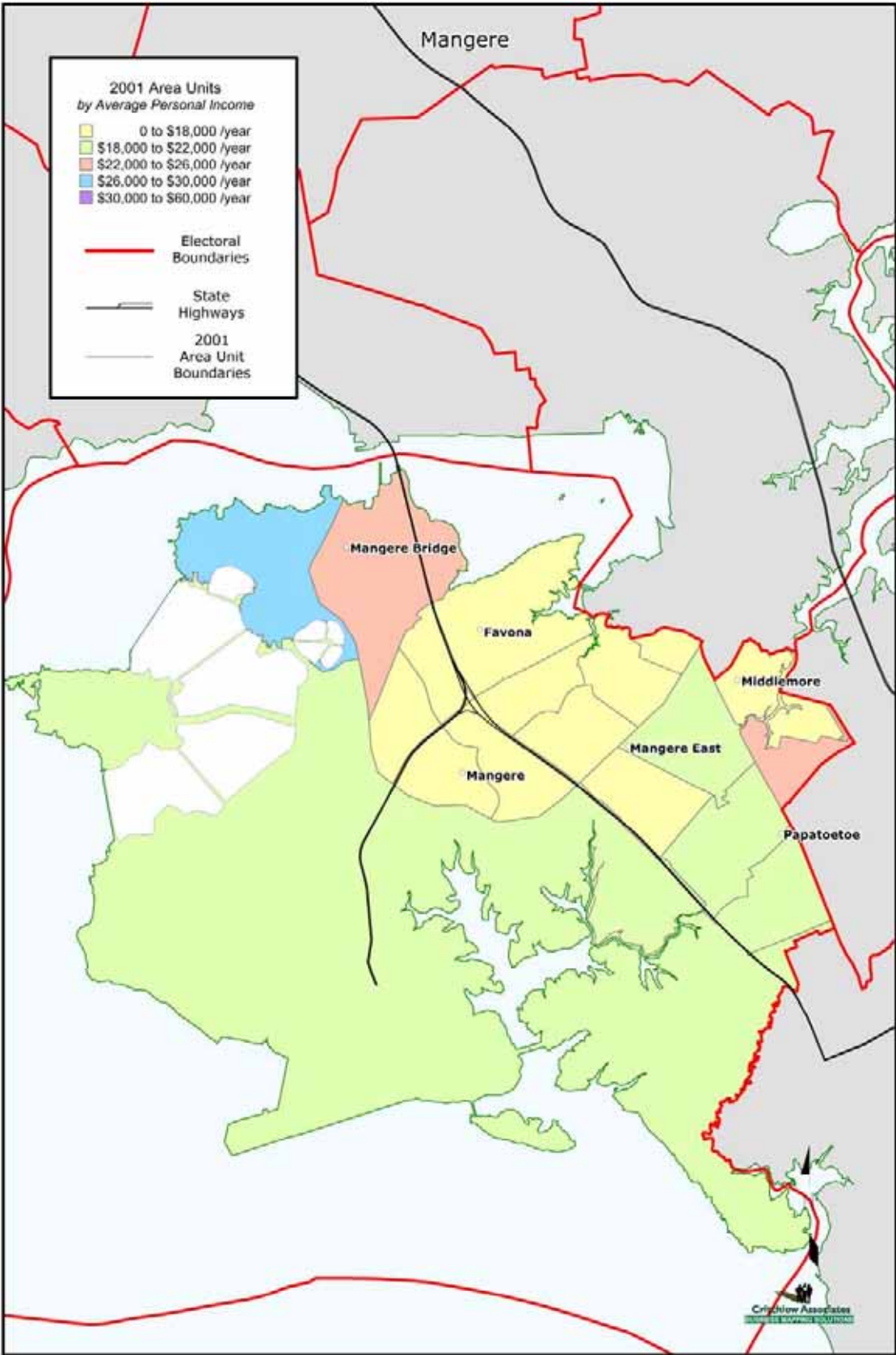
Prepared in the Parliamentary Library from Ministry of Health data.

Maps

Population Change 1996-2001



Average Personal Income 2001



Glossary

Term	Meaning
Area Unit	Area Units are aggregations of meshblocks. They are non-administrative areas intermediate between meshblocks and territorial authorities. Area units of main or secondary urban areas generally coincide with suburbs or parts thereof. Area units within urban areas normally contain 3,000-5,000 population though this can vary due to such things as industrial areas, port areas, rural areas and so on within the urban area boundaries. In rural areas, the straddling of some territorial authorities over regional boundaries has resulted in a number of area units having only 2 or 3 meshblocks and a very low population count. (Statistics New Zealand).
Average	The sum of a list of numbers, divided by the total number of numbers in the list. Also called arithmetic mean.
Census usually resident population	Population as calculated on census night, the latest census figures being as at March 2001. The census usually resident population count is all people counted in New Zealand on census night excluding overseas visitors and New Zealand residents temporarily overseas. At a sub-national level, the census usually resident population count refers to people who usually reside in a given subject area. The census usually resident population count is obtained by relocating people who are normally resident in an area of New Zealand, but who were enumerated elsewhere in New Zealand on census night, back to the meshblock of their usual address. For example, if a person usually lives in Christchurch but was in Wellington on census night, they will be included in the census usually resident population count for Christchurch and the census night population count for Wellington.
General electoral population	Total ordinarily resident population as shown in the census of population and dwellings, with the exception of the Maori electoral population.
Income	Includes income from all sources, including not only wages and salaries, but also other sources such as benefits, interest payments etc.
Maori electoral population	A figure representing both the persons registered as electors of the Maori electoral districts and a proportion of the persons of New Zealand Maori descent under the age of 18 years. The proportion is determined by dividing the total number of persons registered as electors of Maori electoral districts by the number of persons of New Zealand Maori descent registered.
Mean	The sum of a list of numbers, divided by the total number of numbers in the list. Also called arithmetic mean or average.
Median	Median is the "middle value" of a list. The smallest number such that at least half the numbers in the list are no greater than it. If the list has an odd number of entries, the median is the middle entry in the list after sorting the list into increasing order. If the list has an even number of entries, the median is equal to the sum of the two middle (after sorting) numbers divided by two.
Meshblock	The meshblock is the smallest geographic area used by Statistics New

Zealand in the collection and/or processing of data. The meshblock is thus the building block for aggregation into larger areas such as area units and urban areas.

Over time, the division of meshblocks and changes in population patterns have resulted in meshblock population counts having a considerable range. There are meshblocks with nil population and some with over 500 population. There are over 38,000 meshblocks across New Zealand. (Statistics New Zealand).

Quotas

The Electoral Act 1993 provides that the South Island has 16 General electoral districts. The General electoral population of the South Island is divided by 16 to give the South Island quota. The North Island General electoral population is then divided by the South Island quota to give the number of North Island General electoral districts. The North Island General electoral population is divided by the number of North Island General electorates to give the North Island quota. For the 2002 election, the South Island quota is 54,308 and the North Island quota is 54,288.

In a similar way, the Maori electoral population is divided by the South Island quota and rounded to give the number of Maori electoral districts. The Maori electoral quota is the Maori electoral population divided by the number of Maori electoral districts. For the 2002 election, the Maori quota is 53,130. For both General and Maori electoral districts the Commission may allow the electoral population to vary from quota by up to plus or minus 5%.

Total responses

Several census variables allow people to provide more than one response to the question. When a person has reported more than one response they will be counted in each group they reported. In output tables this is presented as 'total responses', for example, ethnic group (total responses). This means that the total population will be greater than the usual subject population for that variable, as individuals may be counted more than once.

Variables that may be output on the basis of total responses are:

- ethnic group
- language spoken
- iwi
- religious affiliation
- sources of personal income
- job search methods
- unpaid activities
- sources of family income
- sources of extended family income
- sources of household income
- fuel type used to heat dwellings
- access to telecommunication systems.

Multiple responses may also be reported as a combination of response categories. For example, for outputs of ethnic group, categories may include European/Maori, Maori/Pacific peoples, etc.

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