

NO: **R254**

COUNCIL DATE: **December 10, 2012**

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **December 10, 2012**

FROM: **General Manager, Planning and Development**

FILE: **6600-01**

SUBJECT: **2011 Canada Census Update – Demographic Information**

RECOMMENDATION

The Planning and Development Department recommends that Council receive this report as information.

INTENT

This report is one in a series of reports that address the results of the 2011 Census relative to the City of Surrey. Demographic information released by Statistics Canada related to the 2011 Census includes data on population and dwellings, age and gender, family and household structure, and language.

BACKGROUND

Every five years Statistics Canada conducts a Census of Canada. The most recent Census was conducted in May 2011. Over the past year, Statistics Canada has released data from the 2011 Census, including population figures, dwelling unit counts, age and gender information, family structure, household composition and language. The complete and detailed data set will be available by the end of 2013 along with additional data on immigration, mobility, occupation and education.

DISCUSSION

The following sections highlight Census information in several key areas.

Census Population Highlights

Based on the 2011 Census Surrey's population as of May 2011 is 468,251. This population is housed in 163,986 private dwelling units. The following table (Figure 1) provides a comparison of these figures to the 2006 Census outcomes:

Figure 1

Census Population and Private Dwellings for Surrey		
	Population Count	Private Dwellings Counts
2011	468,251	163,986
2006	394,976	139,193
2006-2011 Change	73,275	24,793
Change as percent	+18.6%	+17.8%
Average Annual Change	14,655	4,989
Average Annual % Change	3.71%	3.56%

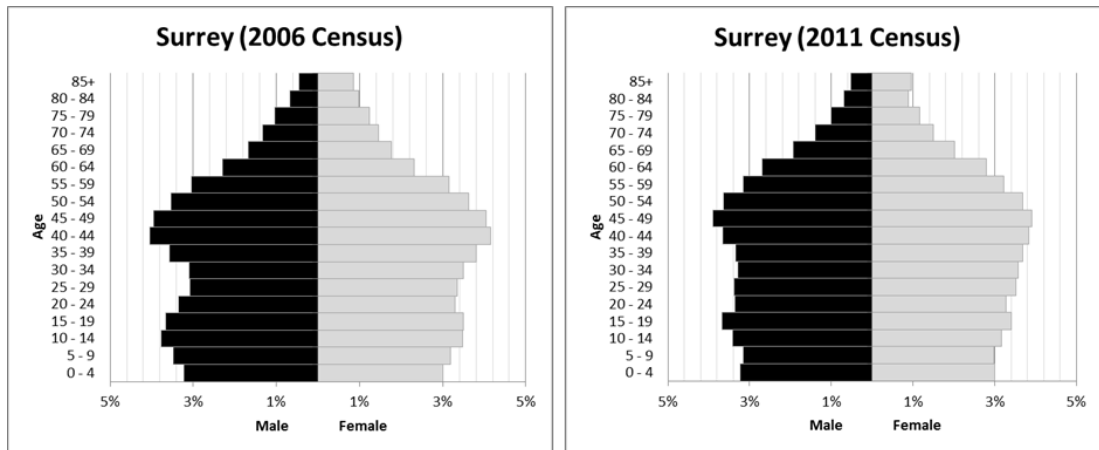
City of Surrey Population and Dwelling Estimates

To augment Census information, the City produces its own population and dwelling unit estimates using BC Assessment Authority data, and by monitoring development within the City. The City's internal estimate for the City's population as of May 2011 is approximately 475,000. Compared to the 2011 Census population figure, there is a difference of 6,749 persons, or approximately 1.4%. This difference is considered to be due primarily to the number of people who were not counted on Census day (the "undercount"). Statistics Canada will release in September 2013 corrected estimates for the 2011 Census that incorporate the undercount.

Age and Gender

According to the 2011 Census there were 231,570 males and 236,680 females living in Surrey in May 2011. The median age of Surrey's population was 37.5 years, up from 37.0 years in the 2006 Census. The following graphs (Figure 2) illustrate the differences between the 2006 and the 2011 Census results in relation to Surrey's age and gender profiles.

Figure 2

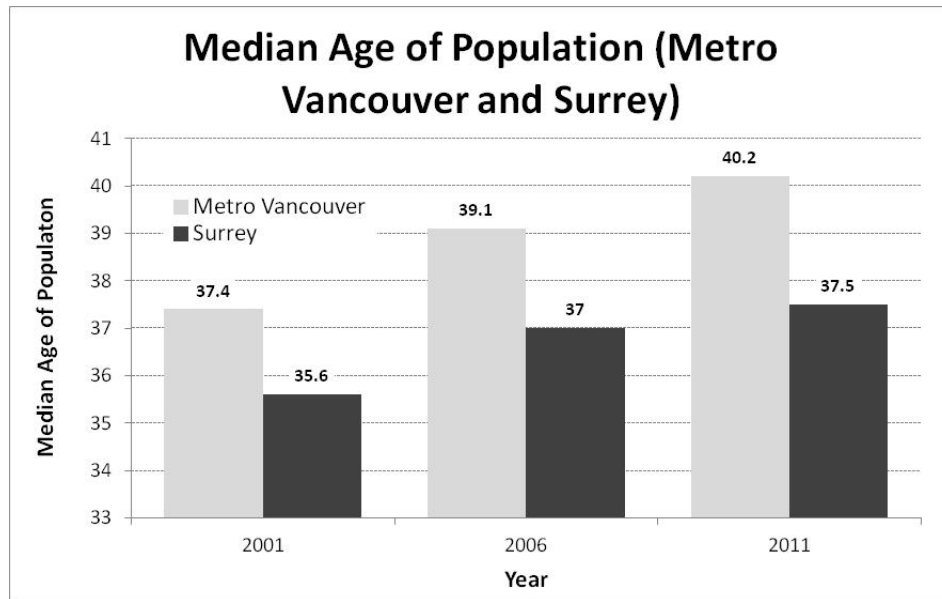


Between 1996 and 2011 there has been a gradual, but steady increase in the proportion of Surrey's population over 40 years of age. The largest increase has been related to the group between 50 and 60 years of age.

The absolute number of children and young adults (15 to 30 years) has grown as the population in general has grown. Residents under 18 years of age account for 24.7% of the population, while seniors 65 years and over make up 12.1% of the population.

Figure 3 shows the median age of Surrey residents in comparison to the population of Metro Vancouver and to previous Census years. Figure 3 also shows that while Surrey’s population is aging, it is not aging as quickly as that of Metro Vancouver as a whole.

Figure 3



Appendix I illustrates the median age in each of the various neighbourhoods of Surrey.

Family Structure

The Census reports on family and household characteristics. Figure 4 summarizes Census statistics for 2001, 2006 and 2011 related to families in Surrey and provides comparison figures for Metro Vancouver. Census families are defined as married or common-law couples (with or without children), or a lone parent living with at least one child. In 2011 there were 131,070 Census families in Surrey. Of these 89.0% contained four or fewer individuals, compared with Metro Vancouver where 92.1% of families had four or fewer individuals.

Figure 4

	2001		2006		2011	
	Surrey	Metro Vancouver	Surrey	Metro Vancouver	Surrey	Metro Vancouver
Census families:	97,875	535,255	111,760	580,120	131,070	633,460
Persons in census families:	304,220	1,609,410	345,370	1,725,085	403,535	1,859,400
Average size of census family:	3.1	3.01	3.09	2.97	3.08	2.94
Persons not in a census family:	41,315	354,230	46,530	367,555	59,805	421,375

Figure 4 documents the decrease in family size both in Surrey and in Metro Vancouver. As is evident the average family size in Surrey is slightly larger than the average for the Region.

Appendix II documents the average family size in each of the various neighbourhoods of Surrey.

Marital Status

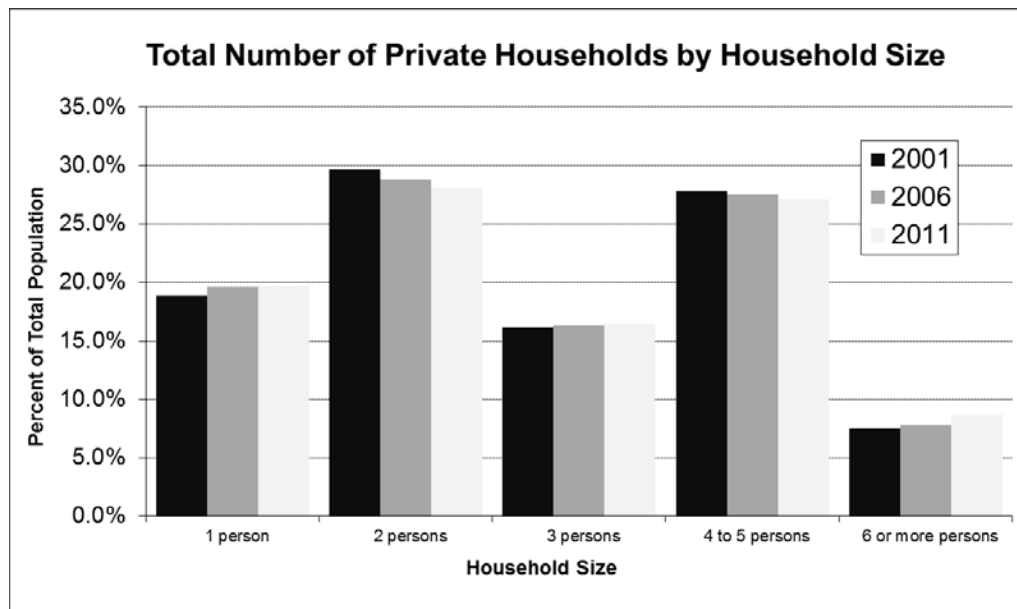
In 2011, over half (55.4%) of Surrey’s population 15 years and over was married with a further 5.5% living common law. Separated, divorced or widowed individuals over 15 years amounted to 12.6% of the population. The remainder, comprising those that have never been married, amounted to 26.5%. This proportion of singles has slightly decreased since 2006 when this group comprised 28.6% of Surrey’s population.

Households

Households are defined as an individual or group of individuals that occupy a single dwelling. In many cases households are made up of one family unit, while in other cases households are made up of un-related individuals or more than one family living together. Figure 5 illustrates changes in household size in Surrey between 2001 and 2011, including the following:

- one-person households increased from 18.9% of all households in 2001, to 19.7% in 2011;
- two-person households declined from 29.7% in 2001 to 28.1% in 2011;
- three-person households increased from 16.2% in 2001 to 16.4% in 2011;
- four to five person households declined slightly from 27.8% in 2001 to 27.1% in 2011; and
- six or more person households have increased from 7.5% in 2001 to 8.7 % in 2011.

Figure 5



In 2011, the breakdown of households by household type included the following:

- One family households (i.e. a couple with or without children or a lone parent with children) account for 61.4% of total households in Surrey. Households that include two or more families or one family living with non-family persons collectively amount to 15.5%. Other household types include one-person households (19.7%) and non-family households with two-or-more persons (3.4%).

- Couple family households (i.e. a couple living together with or without children) account for 85.9% of one-family households. Of all couple family households, 61.2% have children. Lone parent family households account for the remainder (14.1%) of one-family households.

Figure 6 documents that the average household size has increased slightly in Surrey while it has declined slightly in Metro Vancouver since 2001. The average household size in Surrey is somewhat larger than the average in Metro Vancouver.

Figure 6
Household Statistics, Surrey 2011

	2001		2006		2011	
	Surrey	Metro Vancouver	Surrey	Metro Vancouver	Surrey	Metro Vancouver
Private households:	115,715	758,710	131,145	817,035	152,845	891,335
Persons in private households:	345,535	1,963,640	391,895	2,092,430	463,340	2,280,770
Average household size:	2.99	2.59	2.99	2.56	3.03	2.56

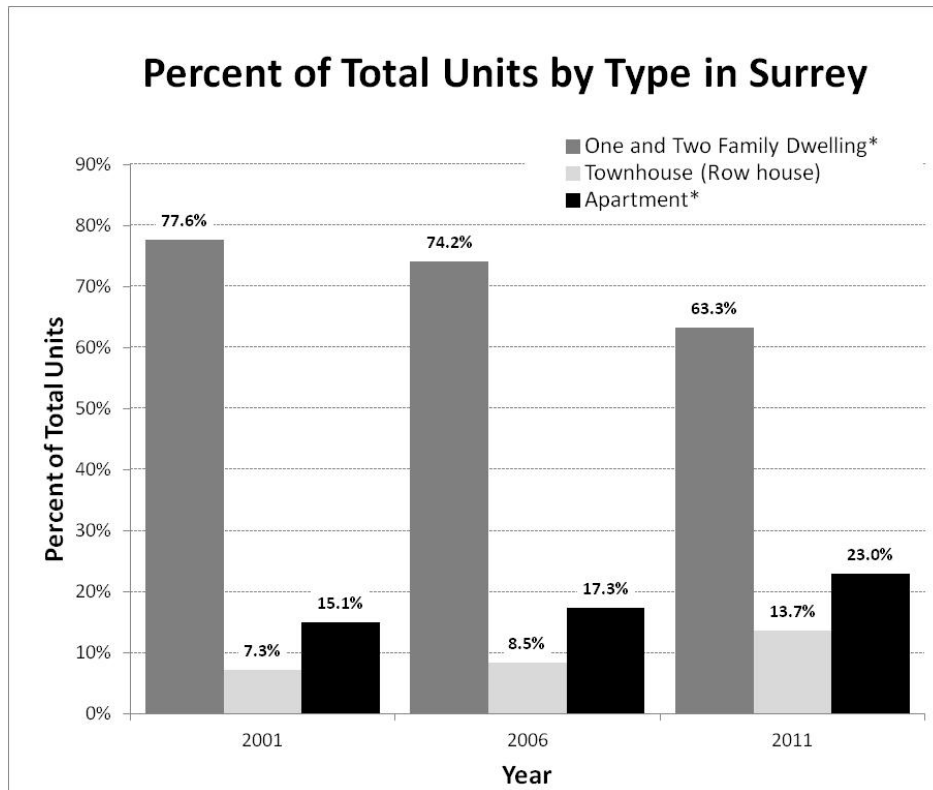
Appendix III illustrates the average household size in each of the various neighbourhoods in Surrey.

Housing Type

Statistics Canada defines occupied private dwellings by structural type, including single-detached houses, semi-detached houses, row houses, and apartments in low-rise buildings and apartments in high-rise buildings. Appendices IV, V and VI, respectively, illustrate the distribution of residential density (units/acre) for each major housing type in Surrey.

Figure 7 illustrates that since 2001, the number of one family and two family dwellings has declined as a percentage of total dwelling units, from 77.6% in 2001 to 63.3% in 2011. Row housing and apartment units are therefore trending upwards, from 22.4% of housing stock in 2001 to 36.7% in 2011.

Figure 7



*Note: One and Two Family Dwelling includes semi-detached, detached duplex, movable dwelling and other single-attached house.

Mother Tongue

Mother tongue is defined as the first language learned at home and still understood by an individual. In 2011 97% of residents identified one mother tongue while 3% listed two or more.

Figure 8 shows that English was the most commonly identified mother tongue (51.7%), followed by Panjabi (Punjabi) at 20.2%. No other language was identified as a mother tongue by more than 3% of residents. In total 44.3% of the population listed a language other than English as a mother tongue, demonstrating the multi-cultural character of Surrey. In 2006 42.1% of the population listed a language other than English as a mother tongue while in 2011 the figure was 35.3%.

Figure 8

Mother Tongue	2011		2006		2001	
	Number of Residents	Share of Total Population	Number of Residents	Share of Total Population	Number of Residents	Share of Total Population
English	240,490	51.7%	215,035	54.8%	213,675	61.8%
Panjabi (Punjabi)	93,785	20.2%	72,900	18.6%	50,615	14.6%
Tagalog	13,740	3.0%	9,8620	2.5%	5,450	1.6%
Hindi	12,230	2.6%	11,605	3.0%	8,390	2.4%
Mandarin	10,050	2.2%	5,865	1.5%	4,375	1.3%
Korean	7,745	1.7%	7,305	1.9%	4,590	1.3%
All others ¹	86,975	18.6%	69,875	17.7%	58,680	17.0%

¹Note: 'All others' includes all other single response non-official languages, French and multiple responses

CONCLUSION

This report summarizes information from the 2011 Census related to the City of Surrey and comparisons between Surrey and the Metro Vancouver Region and with information from prior Census years.

Statistics Canada will release additional Census information related to the 2011 Census in the coming months, including the population undercount estimate and data on immigration, mobility, occupation, education, ethnicity, income, earnings and shelter costs. A further report or reports will be forwarded to Council in relation to this other information.

Census information is being made available on the City's website in the form of topic-based demographic fact sheets. These may be found in the section of the website on population and demographics (within the "Doing Business" channel).

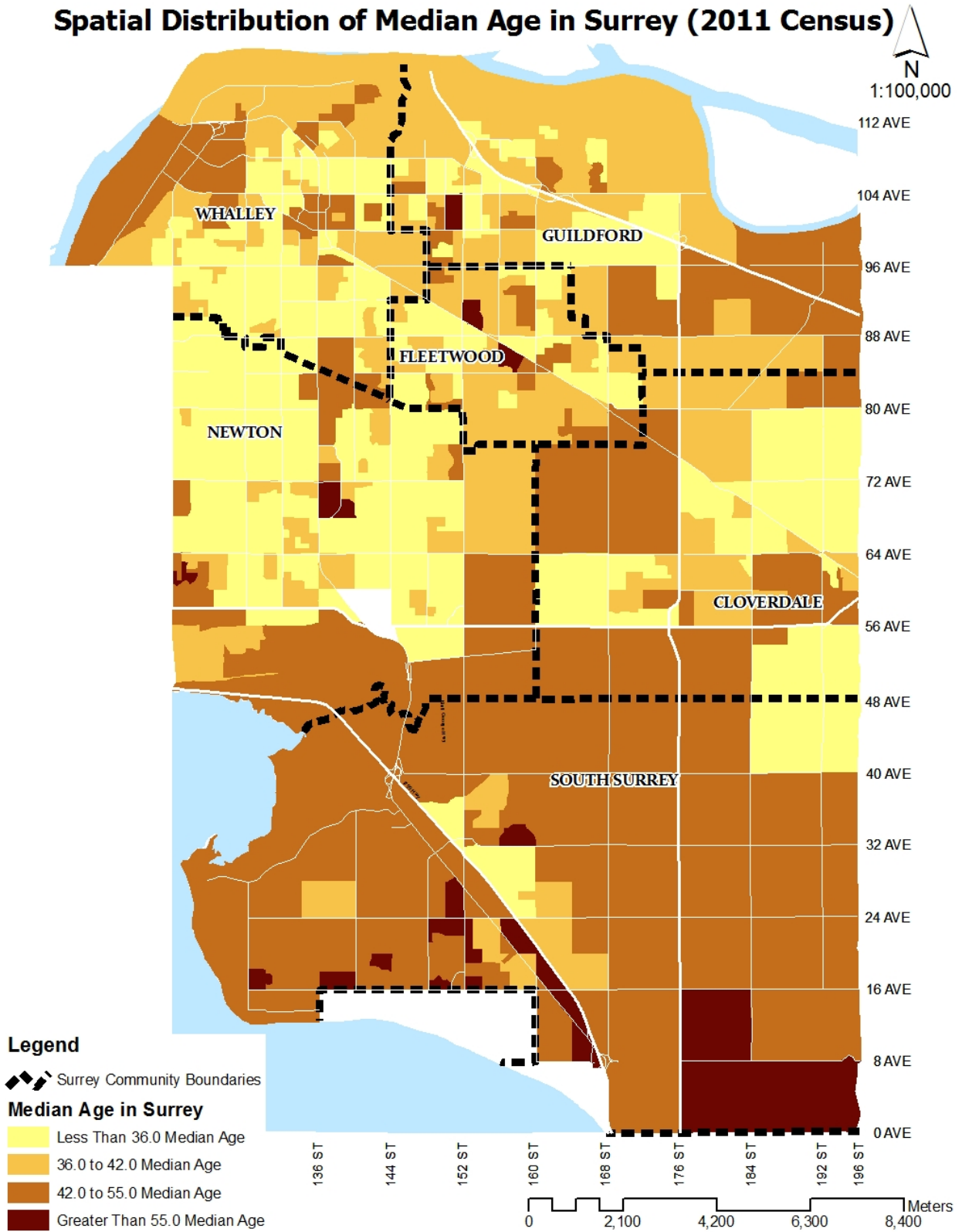
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 Jean Lamontagne
 General Manager,
 Planning and Development

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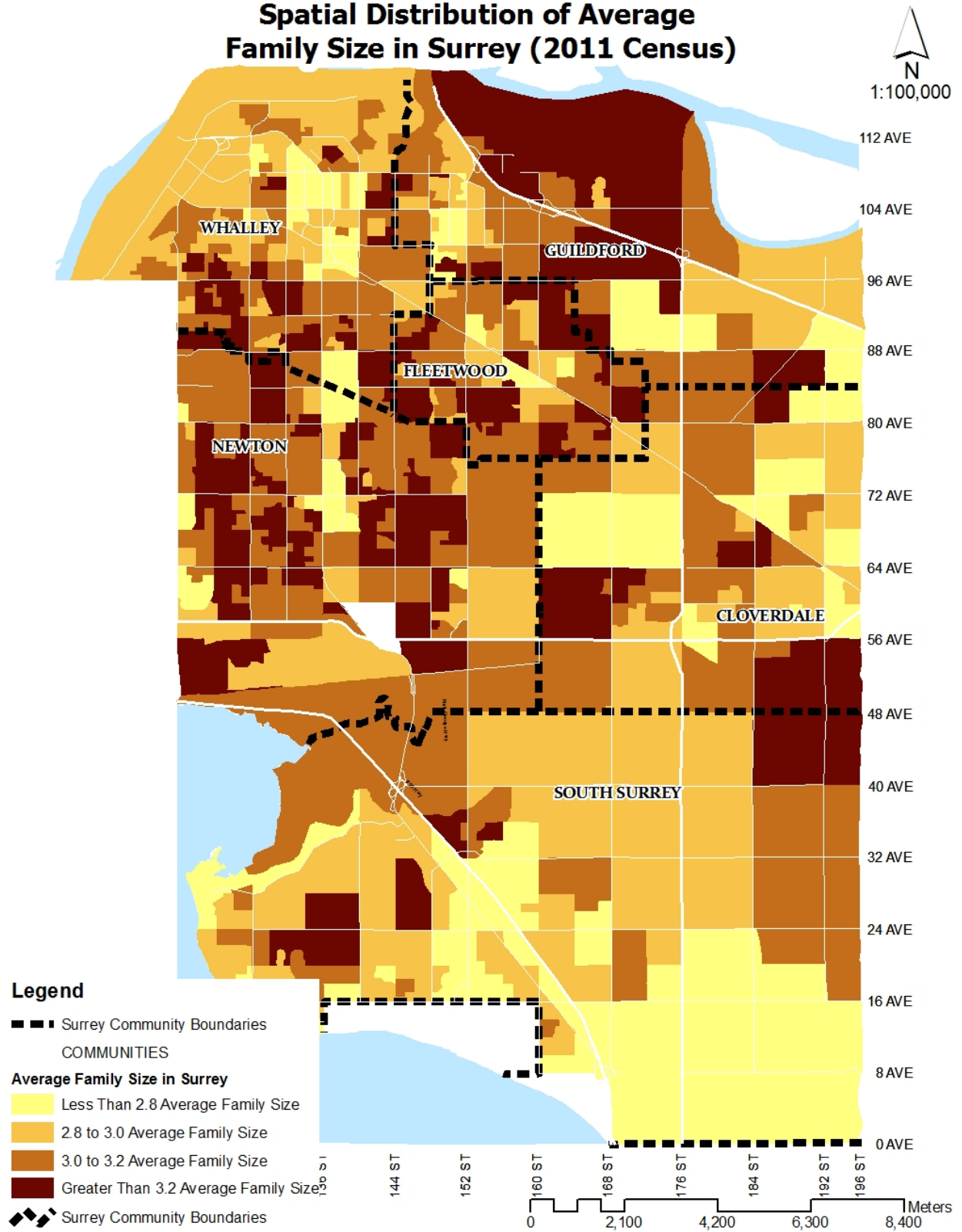
Attachments:

- Appendix I Spatial Distribution of Median Age in Surrey (2011 Census)
- Appendix II Spatial Distribution of Average Family Size in Surrey (2011 Census)
- Appendix III Spatial Distribution of Average Household Size in Surrey (2011 Census)
- Appendix IV Spatial Distribution of One and Two Family Density in Surrey (2011 Census)
- Appendix V Spatial Distribution of Townhouse Density in Surrey (2011 Census)
- Appendix VI Spatial Distribution of Apartment Density in Surrey (2011 Census)

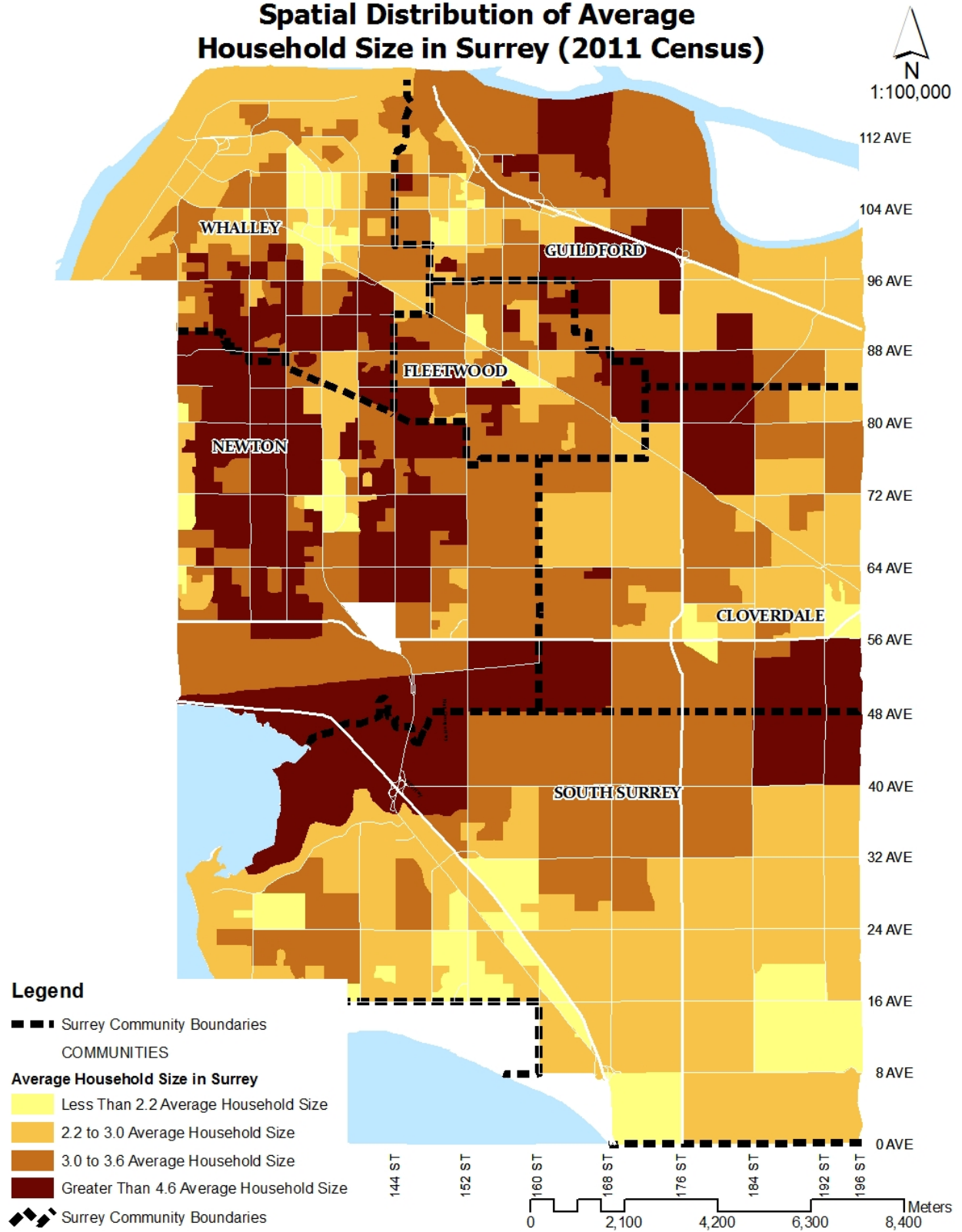
Spatial Distribution of Median Age in Surrey (2011 Census)



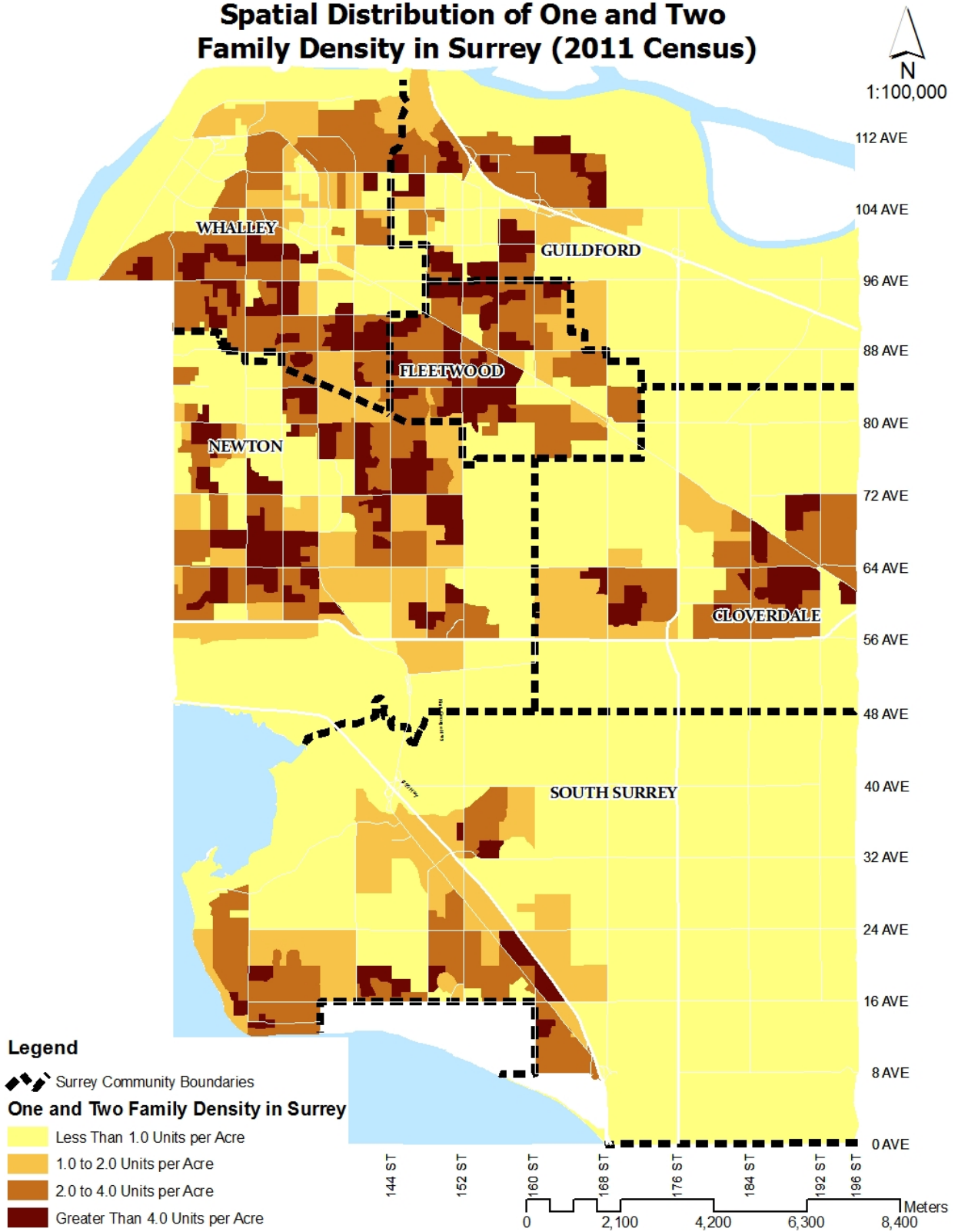
Spatial Distribution of Average Family Size in Surrey (2011 Census)



Spatial Distribution of Average Household Size in Surrey (2011 Census)



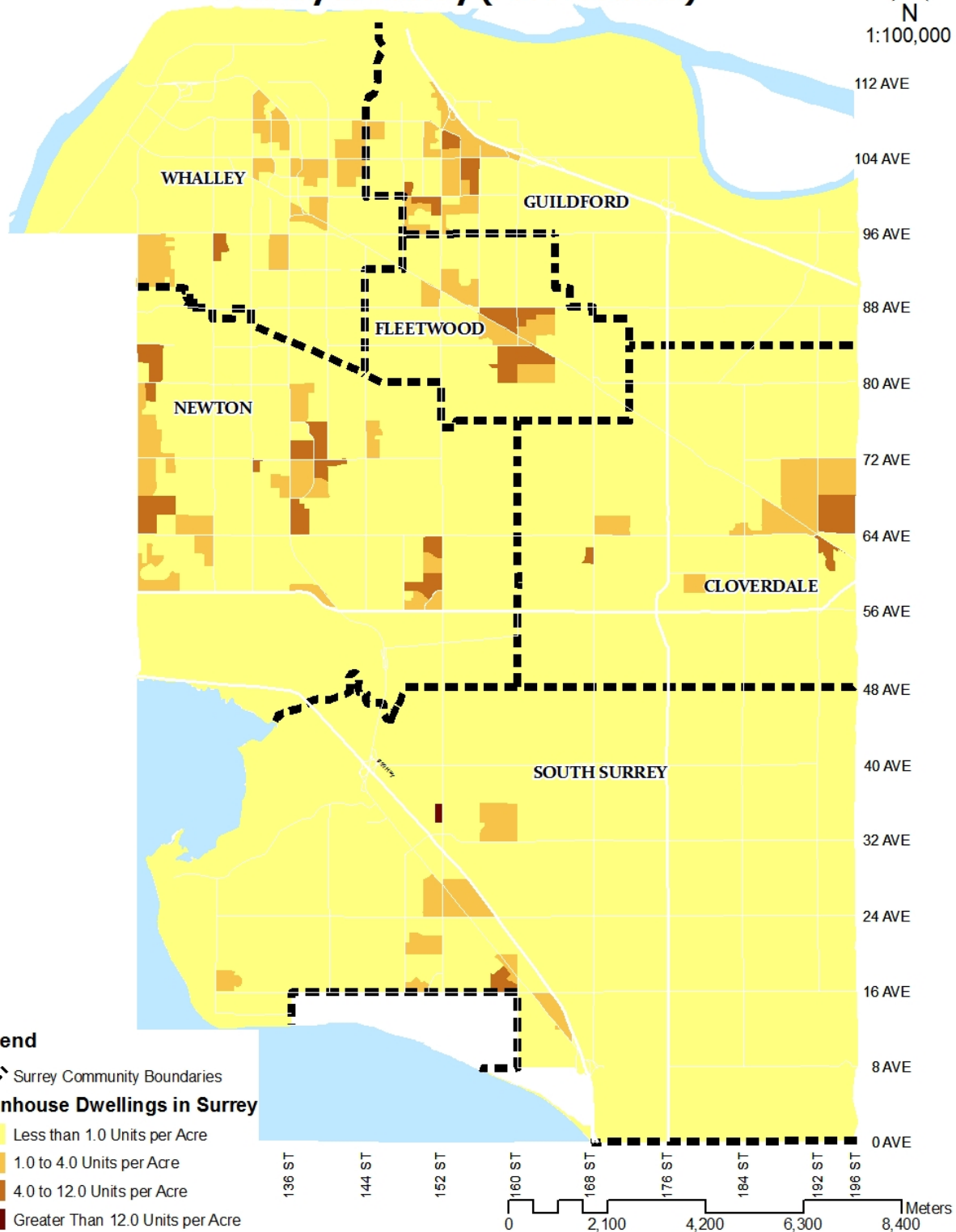
Spatial Distribution of One and Two Family Density in Surrey (2011 Census)



Spatial Distribution of Townhouse Density in Surrey (2011 Census)



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Spatial Distribution of Apartment Density in Surrey (2011 Census)

