

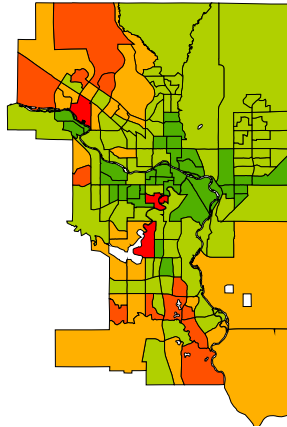
Community Profiling: Income and Employment



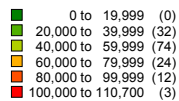
George Chahal
Shawn Low
Cameron Salisbury
Stephanie Sanders

Average Household Income

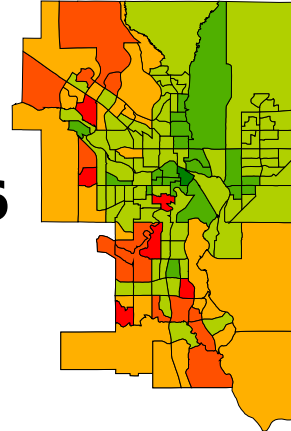
1991



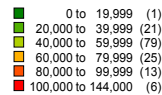
Average Household Income 1991
City of Calgary



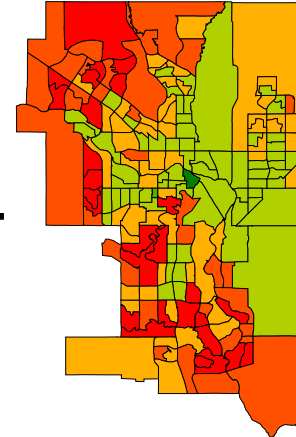
1996



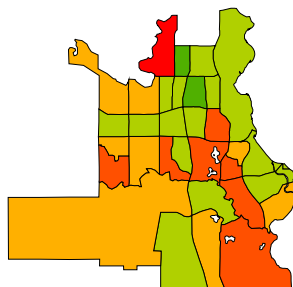
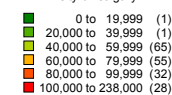
Average Household Income 1996
City of Calgary



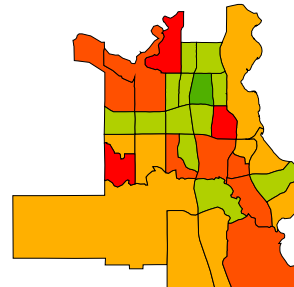
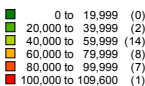
2001



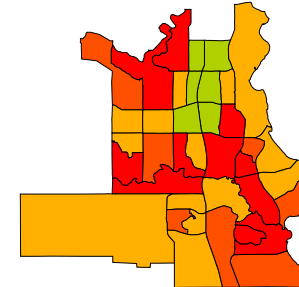
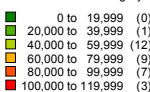
Average Household Income 2001
City of Calgary



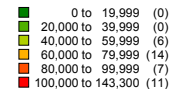
Average Household Income 1991
South Region of Calgary



Average Household Income 1996
South Sector of Calgary



Average Household Income 2001
South Sector of Calgary



Over time, the City of Calgary and the south sector have had increased household income. This increase is particularly evident at the fringes of the city.

Average Household Income

Average Household Income 1991			
Income Ranges	Number of Census Tracts in Range		Percent of South Sector Census Tracts
	City of Calgary	South Sector	
\$0-19,999	0	0	0.00%
\$20,000-39,999	32	2	6.25%
\$40,000-59,999	74	14	18.92%
\$60,000-79,999	24	8	33.33%
\$80,000-99,999	12	7	58.33%
\$100,000 & up	3	1	33.33%
Total	145	32	22.07%

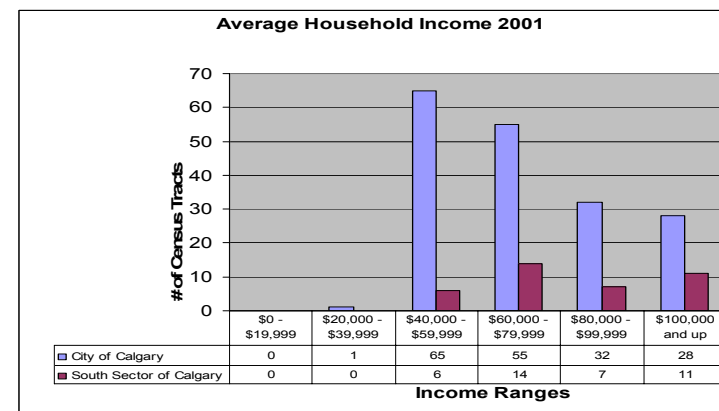
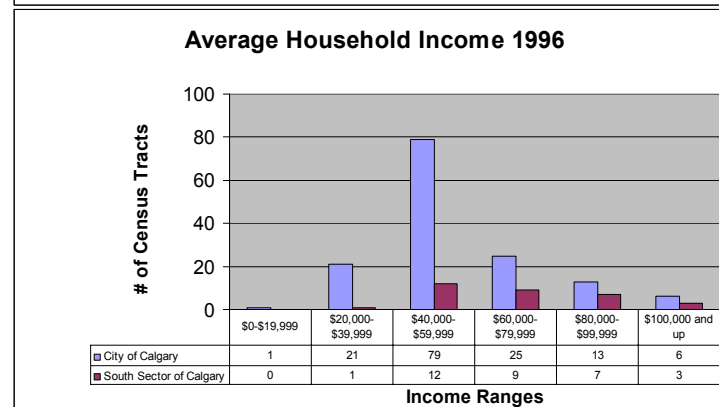
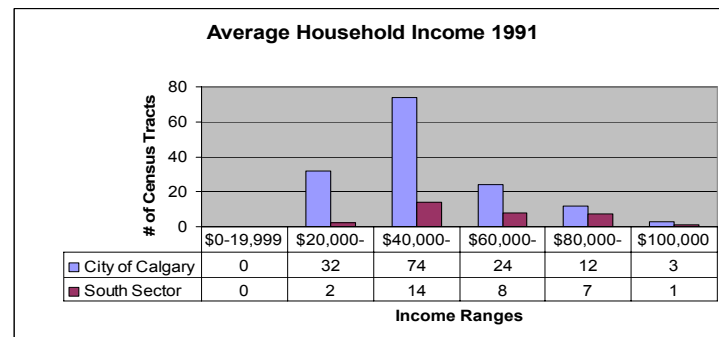
Highest relative range was \$80,000-\$99,999 for the south sector.

Average Household Income 1996			
Income Ranges	Number of Census tracts in Range		Percent of South Sector Tracts in Range
	City of Calgary	South Sector	
\$0-\$19,999	1	0	0.00%
\$20,000-\$39,999	21	1	4.76%
\$40,000-\$59,999	79	12	15.19%
\$60,000-\$79,999	25	9	36.00%
\$80,000-\$99,999	13	7	53.85%
\$100,000 and up	6	3	50.00%
Total	145	32	22.07%

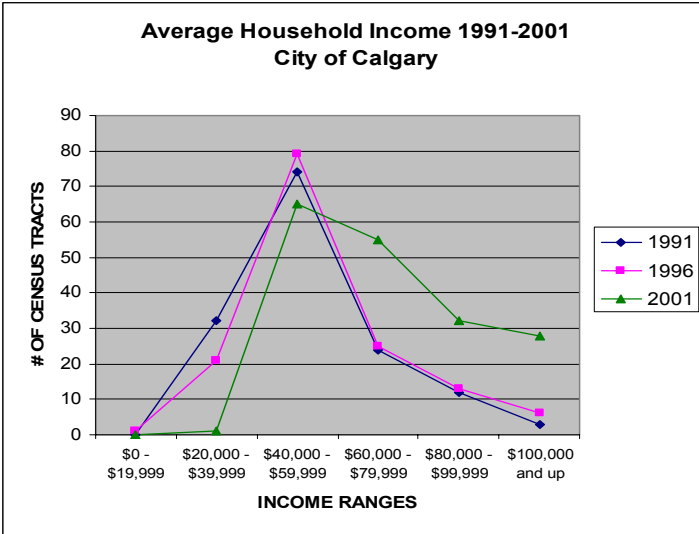
Highest relative range continued to be \$80,000-\$99,999 for the south sector.

Average Household Income 2001			
Income Ranges	Number of Census Tracts in Range		Percent of South Sector Census Tracts in Range
	City of Calgary	South Sector of Calgary	
\$0 - \$19,999	0	0	0.0%
\$20,000 - \$39,999	1	0	0.0%
\$40,000 - \$59,999	65	6	9.2%
\$60,000 - \$79,999	55	14	25.5%
\$80,000 - \$99,999	32	7	21.9%
\$100,000 and up	28	11	39.3%
Total	181	38	21.0%

Highest relative range changed to \$100,000 and up for the south sector.

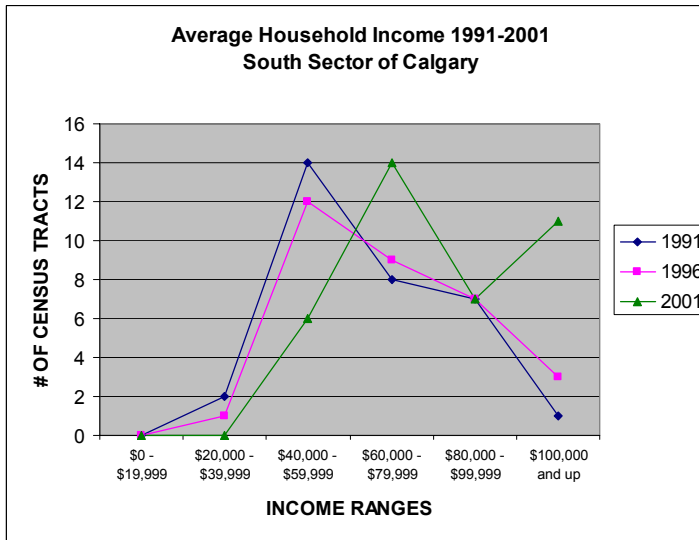


Average Household Income



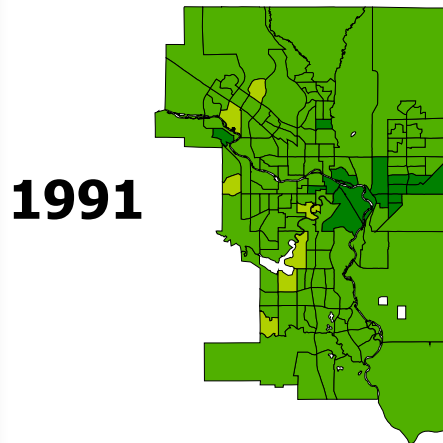
The overall trend between the City of Calgary and the south sector is similar. The majority of households fall into a middle income range (\$40,000 – \$59,999).

South sector had a large increase in average household income.

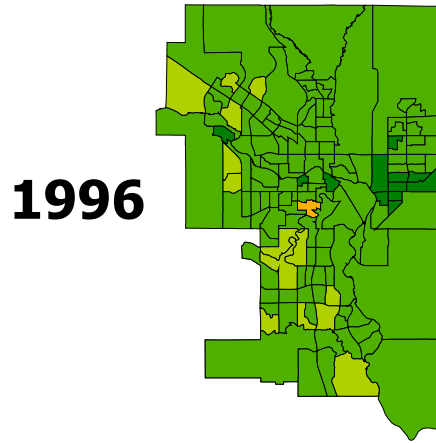
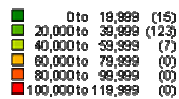


The only data that does not follow this trend is that the over \$100,000 income range rose in the south sector.

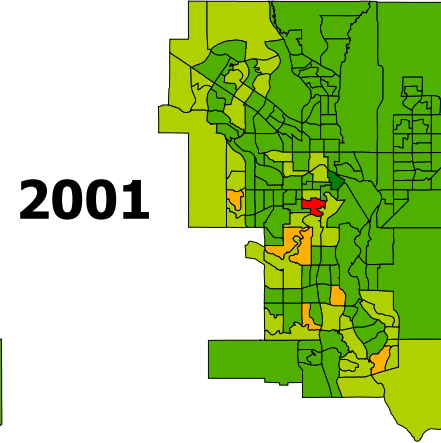
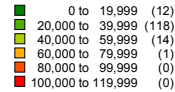
Average Individual Income



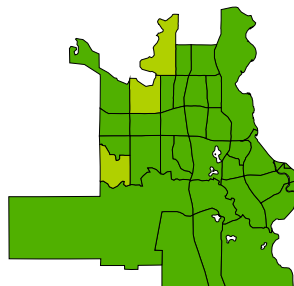
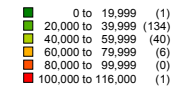
Average Individual Income 1991
City of Calgary



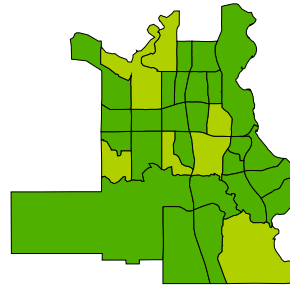
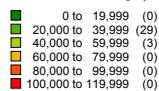
Average Income by Individual 1996
City of Calgary



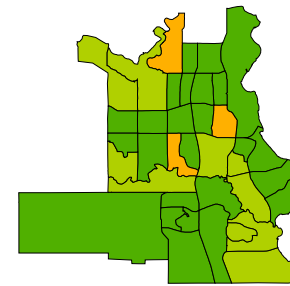
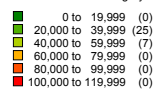
Average Individual Income 2001
City of Calgary



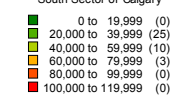
Average Individual Income 1991
South Sector of Calgary



Average Income by Individual 1996
South Sector of Calgary



Average Individual Income 2001
South Sector of Calgary



Over time, both the City of Calgary and the south sector have increased in individual income.

Average Individual Income

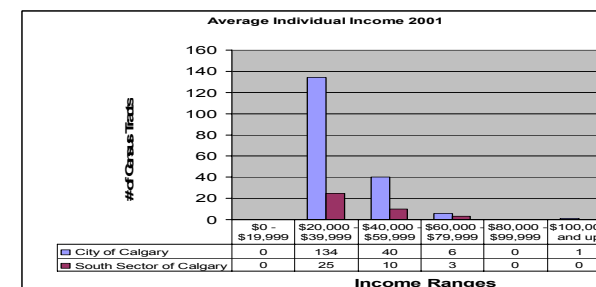
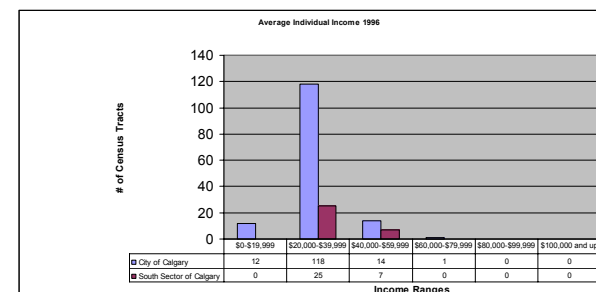
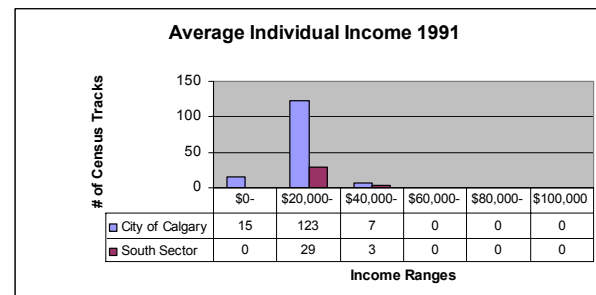
Average Individual Income 1991			
Income Ranges	Number of Census Tracts in Range		Percent of South Sector Tracts in Range
	City of Calgary	South Sector	
\$0-19,999	15	0	0.0%
\$20,000-39,999	123	29	23.6%
\$40,000-59,999	7	3	42.9%
\$60,000-79,999	0	0	0.0%
\$80,000-99,999	0	0	0.0%
\$100,000 & up	0	0	0.0%
Total	145	32	22.1%

Average Individual Income 1996			
Income Ranges	Number of Census tracts in Range		Percent of South Sector Tracts in Range
	City of Calgary	South Sector	
\$0-\$19,999	12	0	0.00%
\$20,000-\$39,999	118	25	21.19%
\$40,000-\$59,999	14	7	50.00%
\$60,000-\$79,999	1	0	0.00%
\$80,000-\$99,999	0	0	0.00%
\$100,000 and up	0	0	0.00%
Total	145	32	22.07%

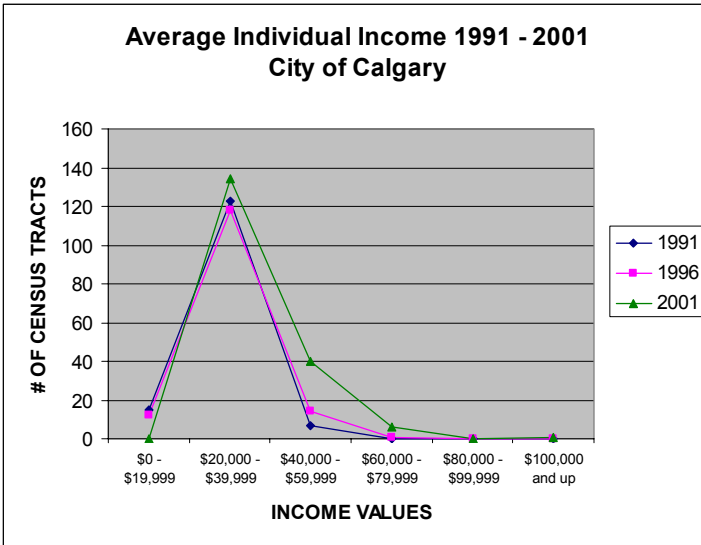
Average Individual Income 2001			
Income Ranges	Number of Census Tracts in Range		Percent of South Sector Census Tracts in Range
	City of Calgary	South Sector of Calgary	
\$0 - \$19,999	0	0	0.0%
\$20,000 - \$39,999	134	25	18.7%
\$40,000 - \$59,999	40	10	25.0%
\$60,000 - \$79,999	6	3	50.0%
\$80,000 - \$99,999	0	0	0.0%
\$100,000 and up	1	0	0.0%
Total	181	38	21.0%

The majority of census tracts fall into the \$20,000 - \$39,999 average individual income range throughout the study period.

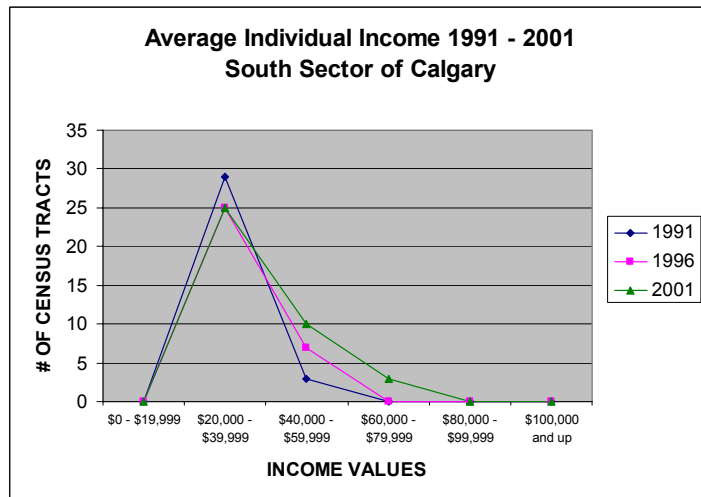
Thus, comparing the household and individual income the data suggests that many households in the city are at least two income households.



Average Individual Income

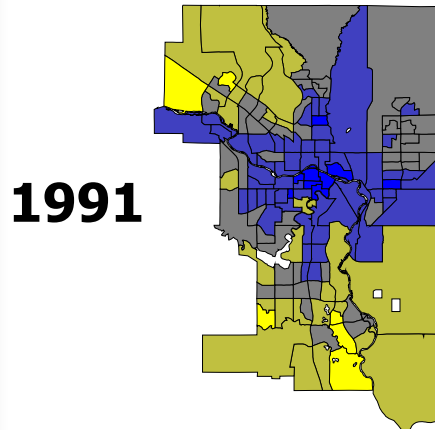


Over time, the average individual income trend in Calgary and the south sector has not changed.

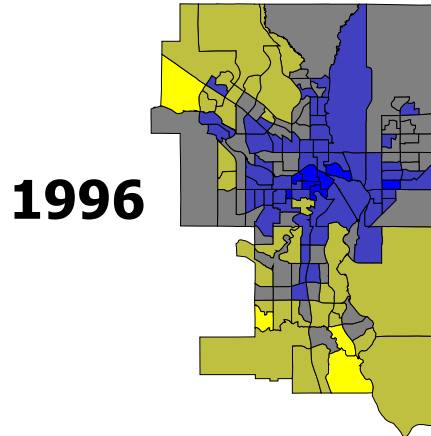
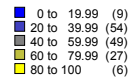


The south sector has fewer census tracts with individual income in the \$0 - \$19,999 range than the City of Calgary.

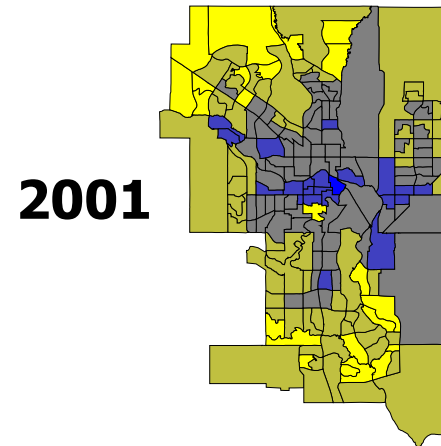
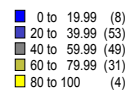
Percent of Household Income > \$50,000



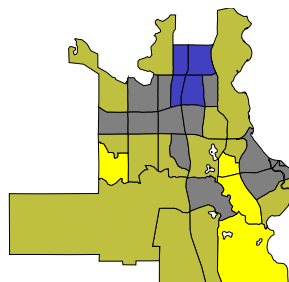
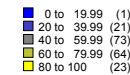
Percent of Household Income > \$50,000, 1991
City of Calgary



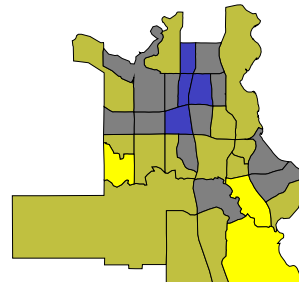
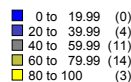
Percent of Household Income > \$50,000 1996
City of Calgary



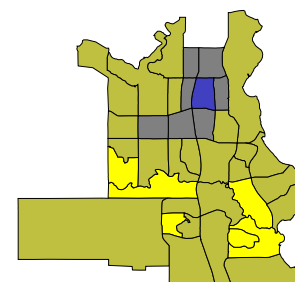
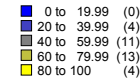
Percent of Household Income > \$50,000, 2001
City of Calgary



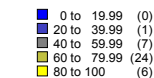
Percent of Household Income > \$50,000
South Sector of Calgary



Percent of Household Income > \$50,000, 1996
South Sector of Calgary



Percent of Household Income > \$50,000, 2001
South Sector of Calgary



Over time, the percent of households with average incomes > \$50,000 has increased in the south and northwest areas of the City.

Percent of Household Income > \$50, 000

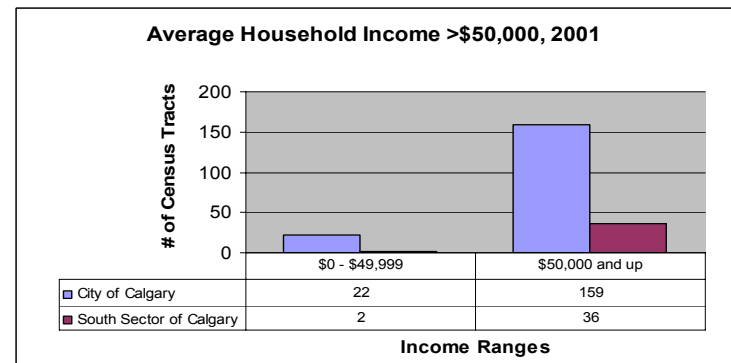
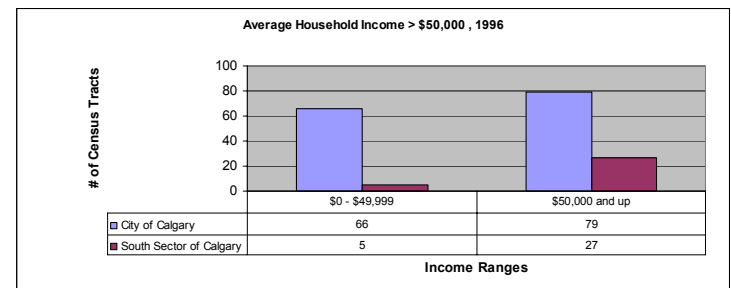
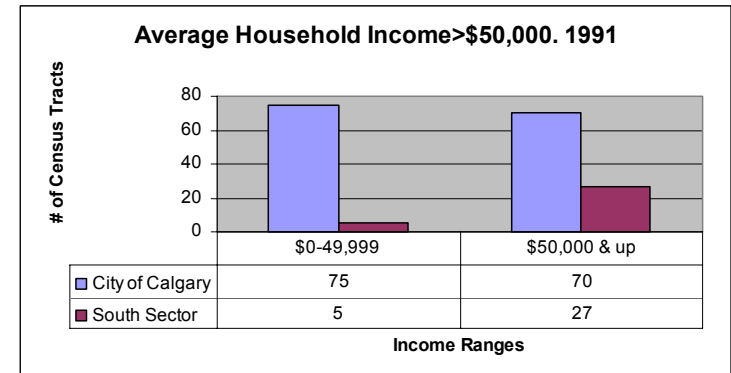
Average Household Income >\$50,000, 1991			
Income Ranges	Number of Census Tracts in Range		Percent of South Sector Census Tracts in Range
	City of Calgary	South Sector	
\$0-49,999	75	5	6.67%
\$50,000 & up	70	27	38.57%
Total	145	32	22.07%

Average Household Income > \$50, 000, 1996			
Income Ranges	Number of Census Tracts in Range		Percent of South Sector Census
	City of Calgary	South Sector of Calgary	
\$0 - \$49,999	66	5	7.58%
\$50,000 and up	79	27	34.18%
Total	145	32	22.07%

Average Household Income > \$50,000, 2001			
Income Ranges	Number of Census Tracts in Range		Percent of South Sector Census Tracts in Range
	City of Calgary	South Sector of Calgary	
\$0 - \$49,999	22	2	9.1%
\$50,000 and up	159	36	22.6%
Total	181	38	21.0%

The total number of census tracts with an average income >\$50,000 significantly increased in the City of Calgary from 1996 – 2001.

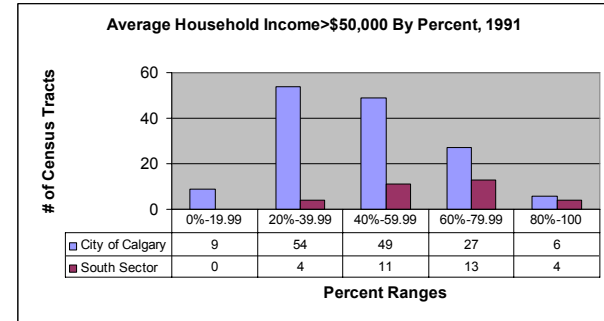
The south sector increased slightly during this time period.



Percent of Household Income > \$50,000

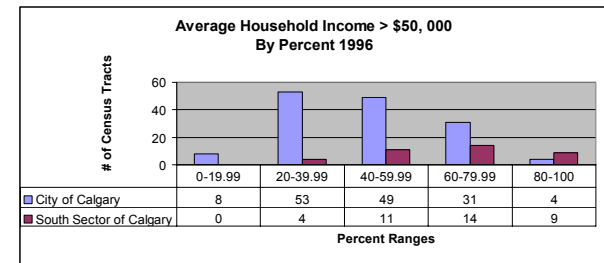
Average Household Income >\$50,000. By Percent, 1991

Percent Ranges	Number of Census Tracts in Range	
	City of Calgary	South Sector
0%-19.99	9	0
20%-39.99	54	4
40%-59.99	49	11
60%-79.99	27	13
80%-100	6	4
Total	145	32



Average Household Income > \$50,000 by Percent, 1996

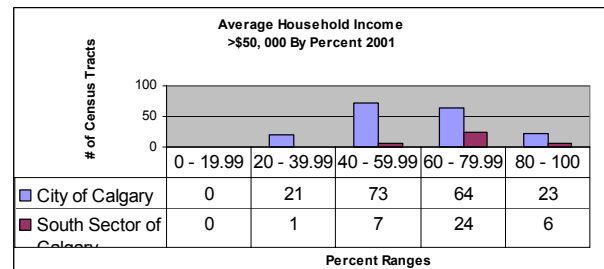
Percent Ranges	Number of Census Tracts in Range	
	City of Calgary	South Sector of Calgary
0-19.99	8	0
20-39.99	53	4
40-59.99	49	11
60-79.99	31	14
80-100	4	9
Total	145	38



In 1991 and 1996, the majority of census tracts have 20-60% of their households with an income >\$50,000

Average Household Income >\$50,000 By Percent, 2001

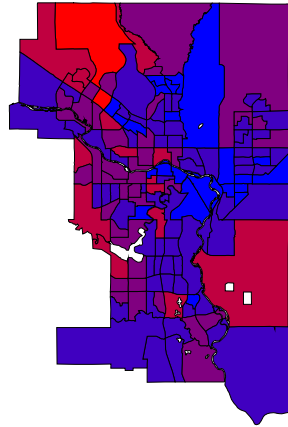
Percent Ranges	Number of Census Tracts in Range	
	City of Calgary	South Sector of Calgary
0 - 19.99	0	0
20 - 39.99	21	1
40 - 59.99	73	7
60 - 79.99	64	24
80 - 100	23	6
Total	181	38



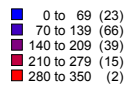
The majority of census tracts have 40-80% of their households with an income >\$50,000

Health Occupations

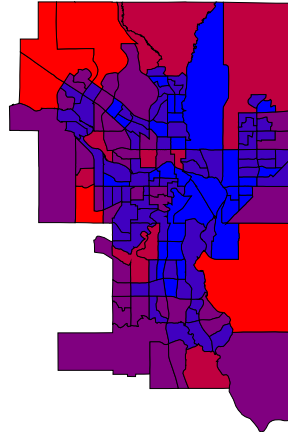
1991



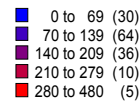
Health Occupations 1991
City of Calgary



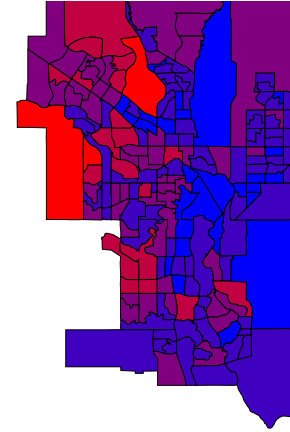
1996



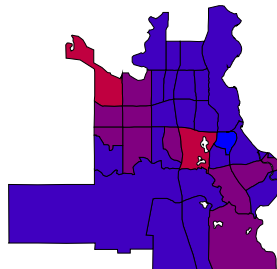
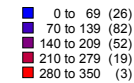
Health Occupations 1996
City of Calgary



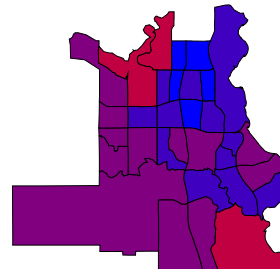
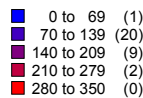
2001



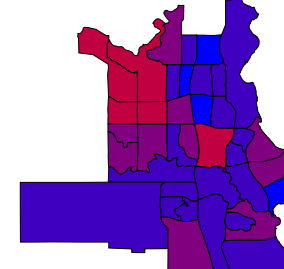
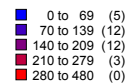
Health Occupations 2001
City of Calgary



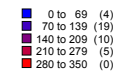
Health Occupations 1991
South Sector



Health Occupations 1996
South Sector of Calgary



Health Occupations 2001
South Sector of Calgary



There is trend towards increased health occupations in close proximity to the SW and NW hospitals.

Health Occupations

Health & Total Occupations 1991

Occupations Category	Number of Labour Force Jobs in Category		Percent of South Sector Jobs per Category
	City of Calgary	South Sector of Calgary	
Health	18405	4175	22.68%
Total	411895	94195	22.87%

Health and Total Occupations 1996

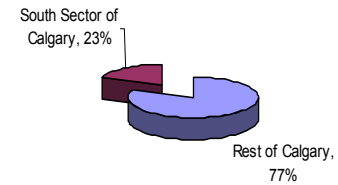
Occupation Category	Number of Labour Force Jobs in Calgary		Percent of South Sector Jobs Per
	City of Calgary	South Sector	
Health	18385	4150	22.57%
Total	434860	94970	21.84%

Health and Total Occupations 2001

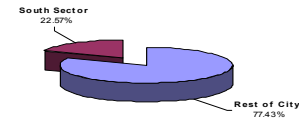
Occupation Category	Number of Labour Force Jobs in Category		Percent of South Sector Jobs per Category
	City of Calgary	South Sector of Calgary	
Health	23990	5035	21.0%
Total	520395	106260	20.4%

Approximately twenty percent of Calgary's health occupation employees reside in the south sector and this is consistent over time.

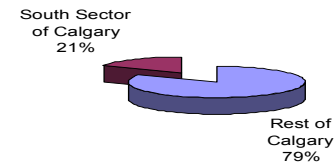
Employment In Health Occupations 1991



Employment in Health Occupations 1996

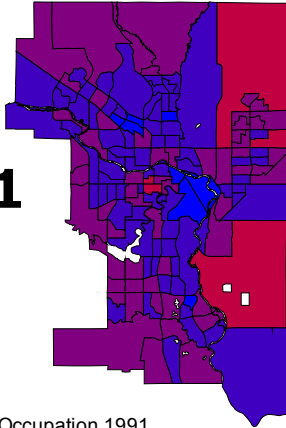


Employment in Health Occupations 2001

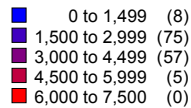


Total Occupations

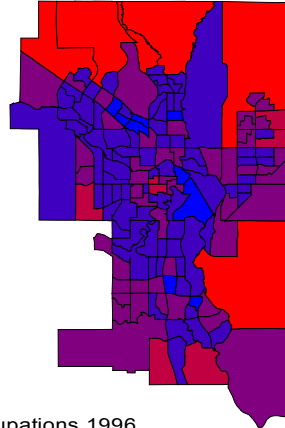
1991



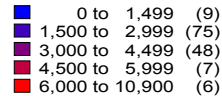
Total Occupation 1991
City of Calgary



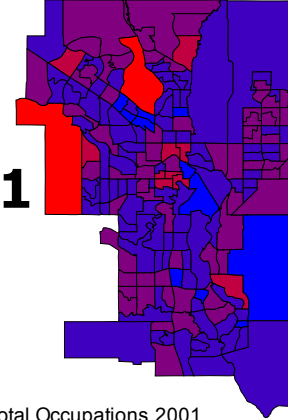
1996



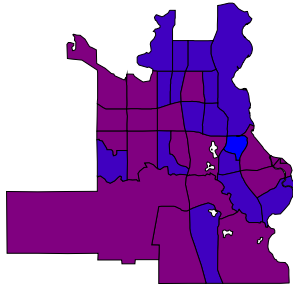
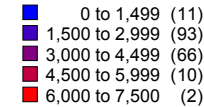
Total Occupations 1996
City Of Calgary



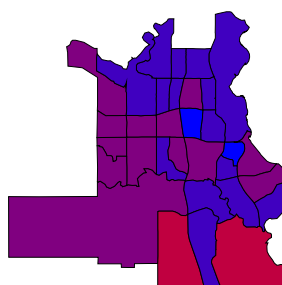
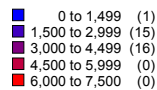
2001



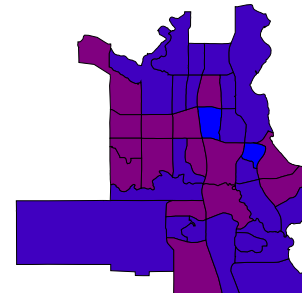
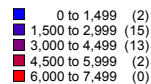
Total Occupations 2001
City of Calgary



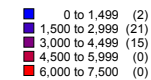
Total Occupation 1991
South Sector



Total Occupations 1996
South Sector Of Calgary



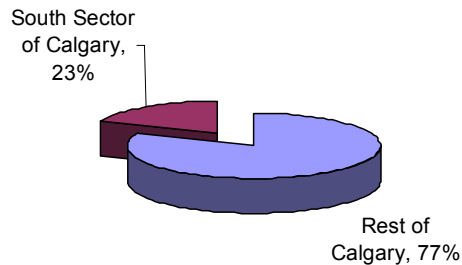
Total Occupations 2001
South Sector of Calgary



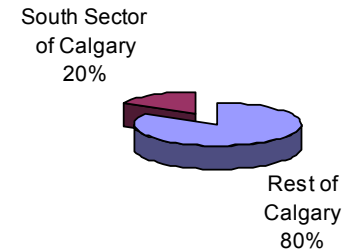
Total occupations by census tract in the City of Calgary vary with time, but the south sector remained stable at low to medium.

Total Occupations

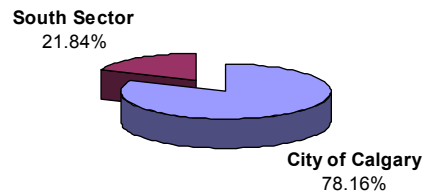
Total Occupations 1991



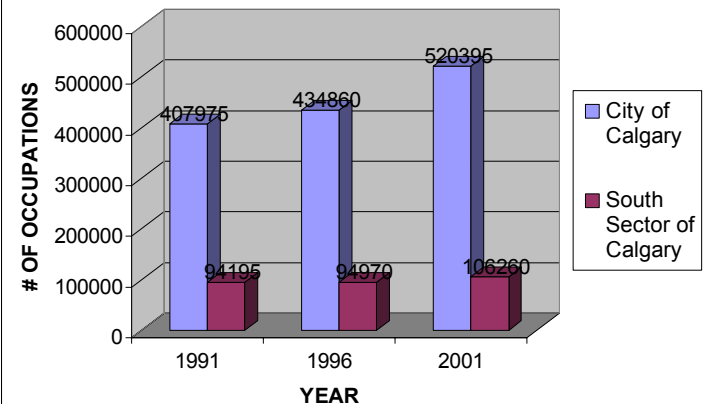
Total Occupations 2001



Number of Labour Force Jobs in Calgary 1996



Total Occupations 1991 - 2001

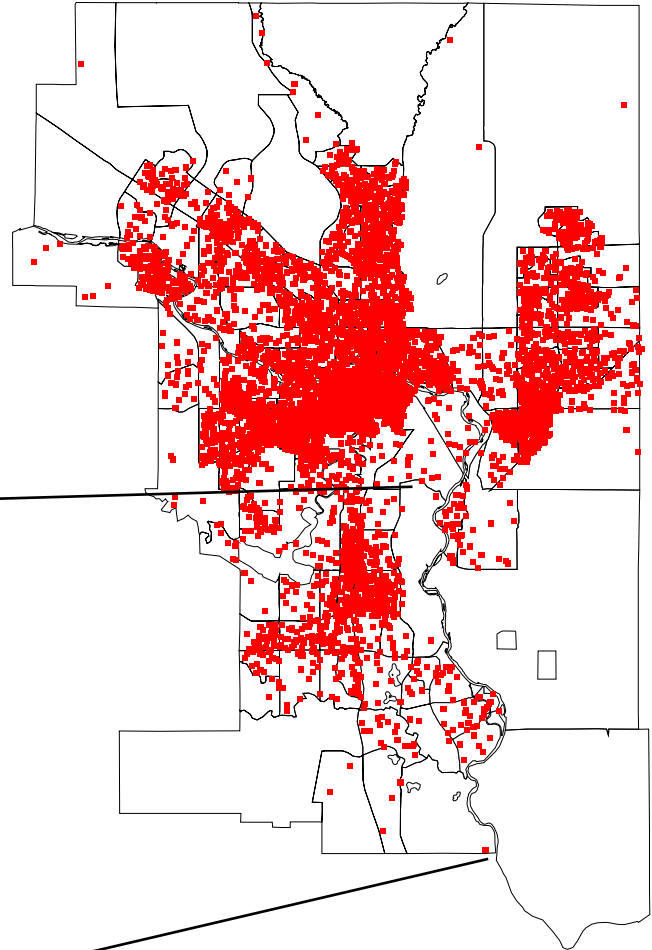
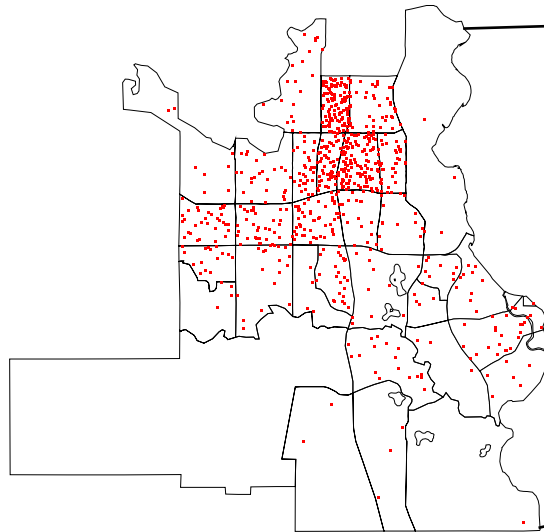


From 1991 – 2001, approximately twenty percent of Calgary's employees reside in the south sector and this is consistent over time. Total number of jobs has increased with a significant jump in numbers from 1996 – 2001.

Low Household Income Density: 1991

South Sector Low Income Density 1991
(Under \$20,000)

1 Dot = 10



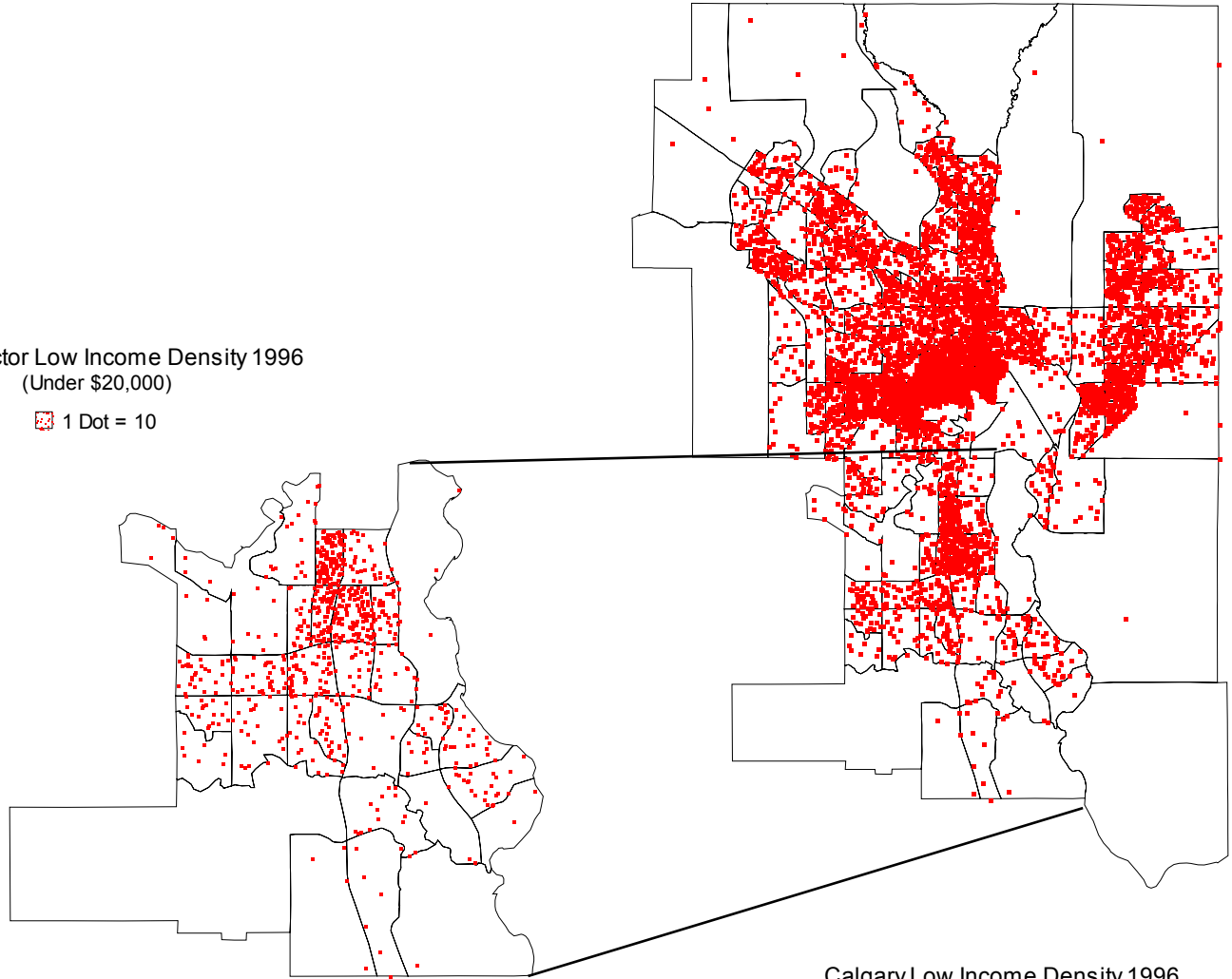
Calgary Low Income Density 1991
(Under \$20,000)

1 Dot = 10

Low Household Income Density: 1996

South Sector Low Income Density 1996
(Under \$20,000)

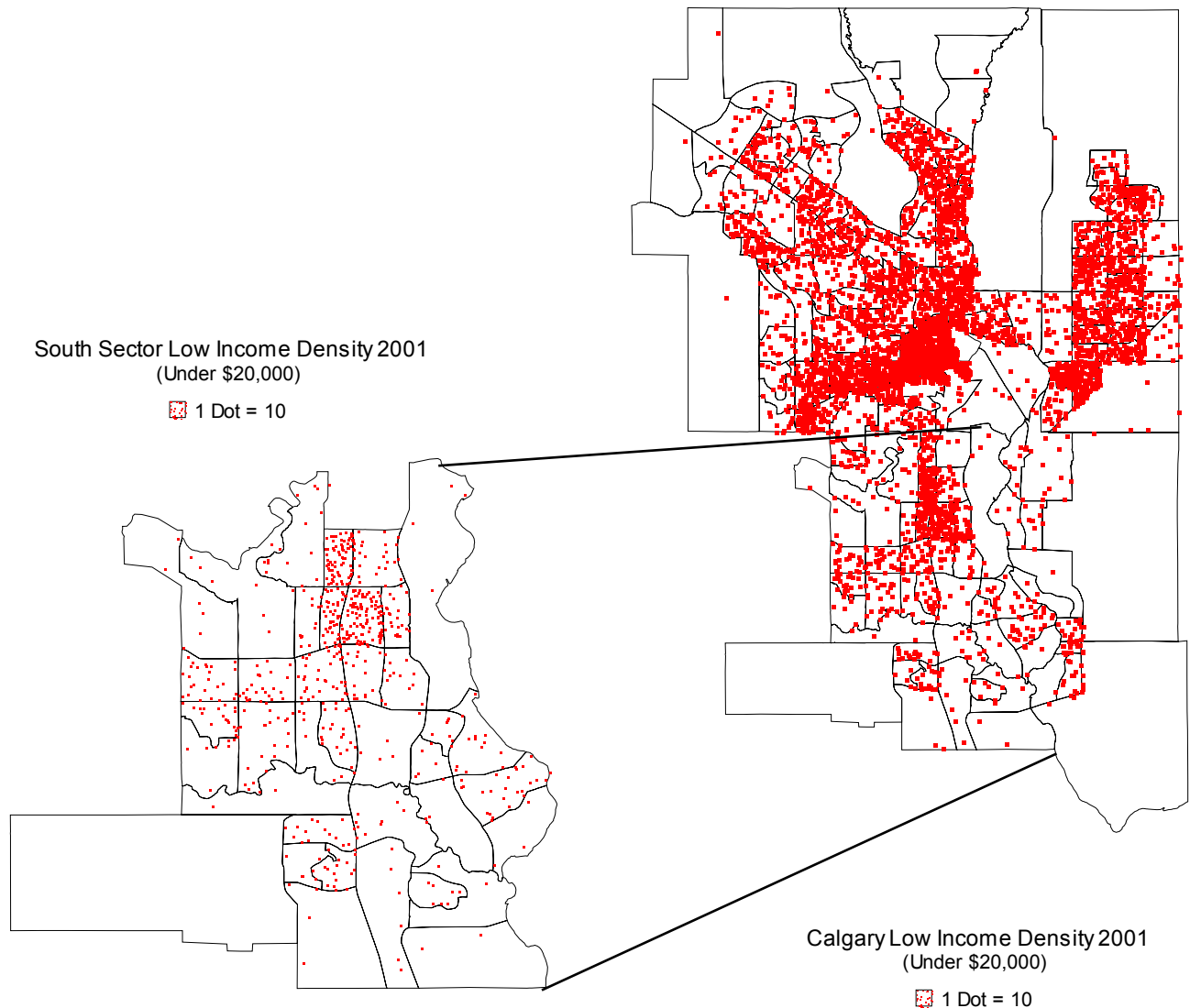
1 Dot = 10



Calgary Low Income Density 1996
(Under \$20,000)

1 Dot = 10

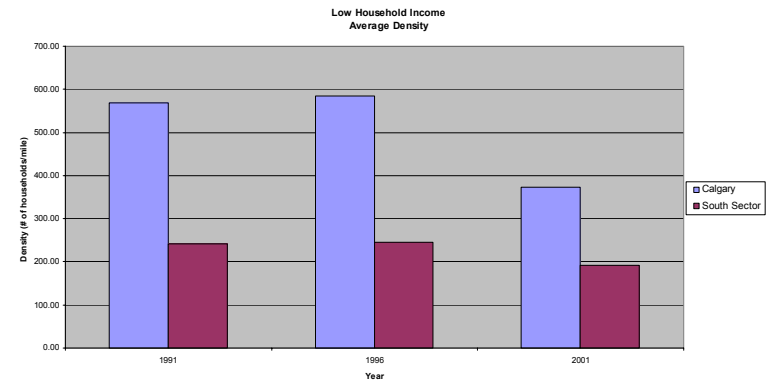
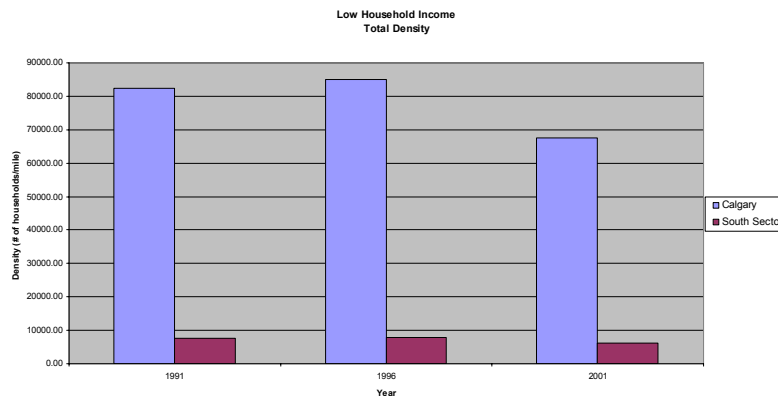
Low Household Income Density: 2001



Density of low household income has decreased from 1991 – 2001 in the south sector and the City of Calgary

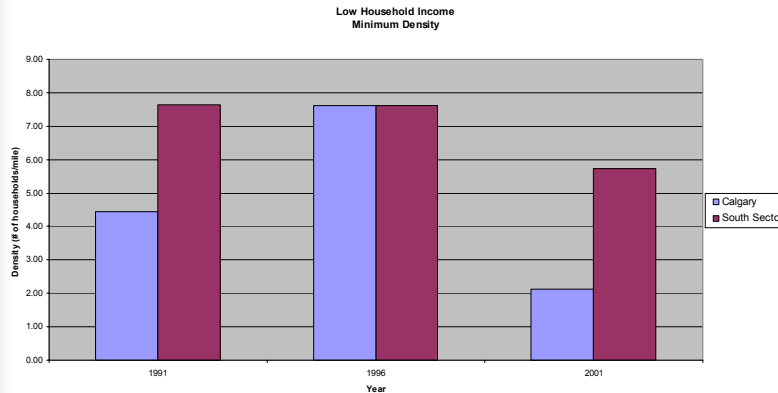
Low Household Income Density (Under \$20,000)

Low Household Income Density (Under \$20,000)						
	1991		1996		2001	
	<i>Calgary</i>	<i>South Sector</i>	<i>Calgary</i>	<i>South Sector</i>	<i>Calgary</i>	<i>South Sector</i>
Average	568.76	241.59	585.32	245.33	373.65	191.52
Minimum	4.43	7.64	7.63	7.63	2.13	5.73
Maximum	5899.46	1230.31	5665.07	1151.05	4292.59	1023.16
Median	314.98	145.41	343.54	169.89	218.60	129.16
Total Density	82470.24	7730.83	84871.83	7850.47	67630.80	6128.74
Total Households	48763.00	6151.00	52715.00	6495.00	40170.00	5450.00

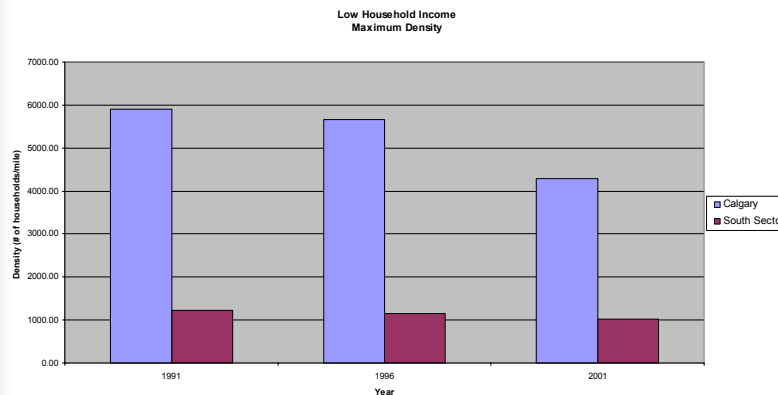


Both total and average density increase from 1991 to 1996 slightly and then drops significantly in 2001

Low Household Income Density (Under \$20,000)



The minimum density of households is fairly consistent from 1991 to 2001 with a similar trend as the average and total density.

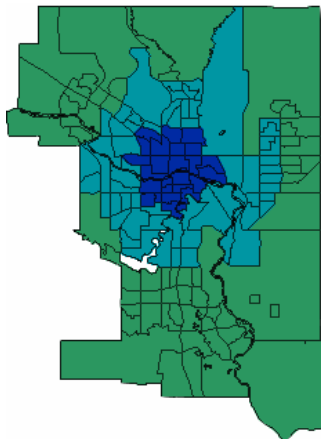
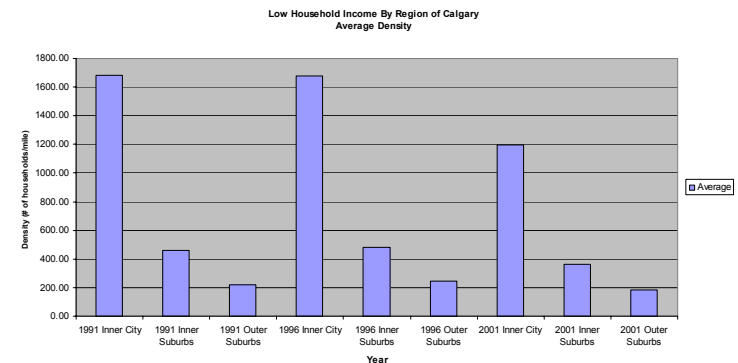
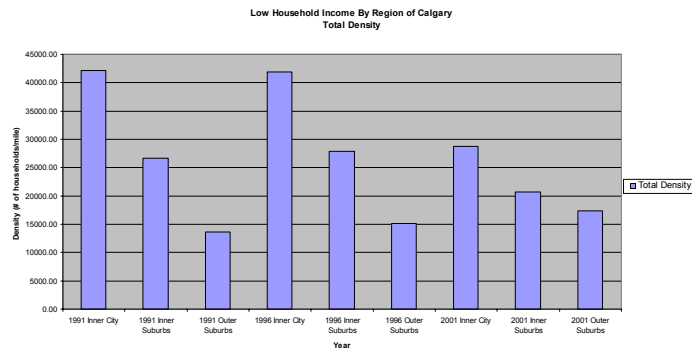


The maximum density of households decreases from 1991 to 2001 suggesting that there are fewer households under \$20,000 or these households are distributed across a greater area.

Of note is the range from a minimum density of 2.13 to a maximum density of 4292.59 (City of Calgary 2001) and from 5.73 to 1023.16 (south sector 2001).

Low Household Income Density by Region of Calgary

Low Household Income Density by Area of Calgary (Under \$20,000)									
	1991			1996			2001		
	Inner City	Inner Suburbs	Outer Suburbs	Inner City	Inner Suburbs	Outer Suburbs	Inner City	Inner Suburbs	Outer Suburbs
Average	1684.63	460.54	220.05	1675.99	481.01	243.13	1196.97	362.45	182.29
Minimum	179.66	15.39	4.43	94.74	21.79	7.63	70.38	19.83	2.13
Maximum	5899.46	1230.31	1218.27	5665.07	1447.11	1122.26	4292.59	924.06	1023.16
Median	1146.70	365.14	130.27	1019.72	382.43	156.09	722.40	294.55	118.10
Total Density	42115.70	26711.53	13643.01	41899.70	27898.33	15073.81	28727.27	20659.89	17317.66
Total Households	18616.00	18061.00	12086.00	19055.00	19065.00	14595.00	12485.00	14380.00	12750.00
% of Total Households	38.18%	37.04%	24.79%	36.15%	36.17%	27.69%	31.52%	36.30%	32.18%



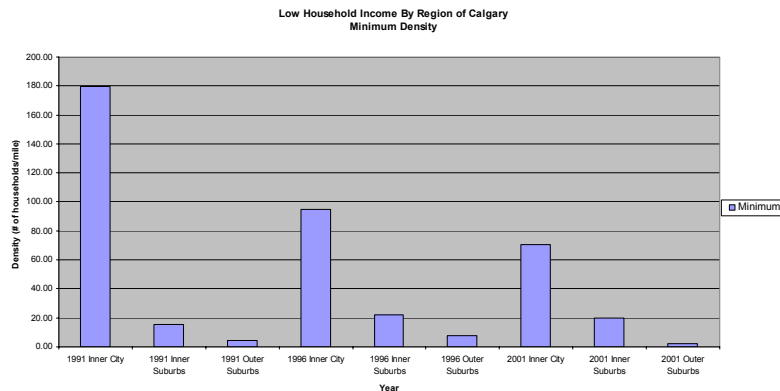
Low household income density is substantially higher within the inner city and is moderate within the inner suburbs. Total density in the outer suburbs increases over time, but the division of census tracts in 2001 reduced the area.

However, average density in all regions of Calgary decreased between 1991 and 2001.

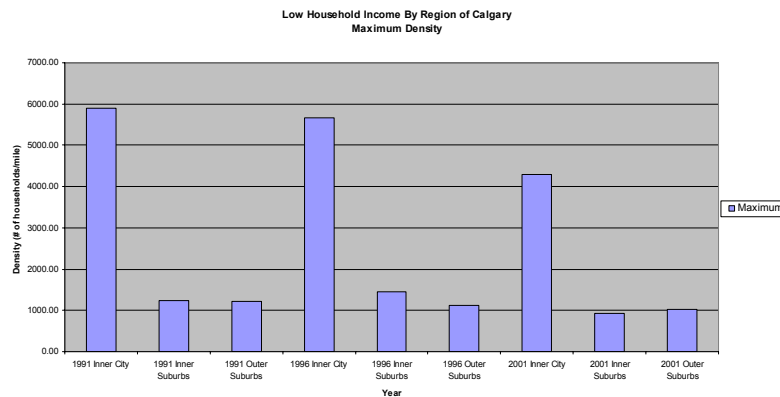
- Inner City (2.5 mile radius)
- Inner Suburbs (2.5 to 5.0 mile radius)
- Outer Suburbs (> 5.0 mile radius)

Low Household Income Density by Region of Calgary

There are fewer Calgary households with an income of less than \$20,000 in 2001 compared to 1991. However, inflation needs to be accounted for to determine the actual impact of this data.



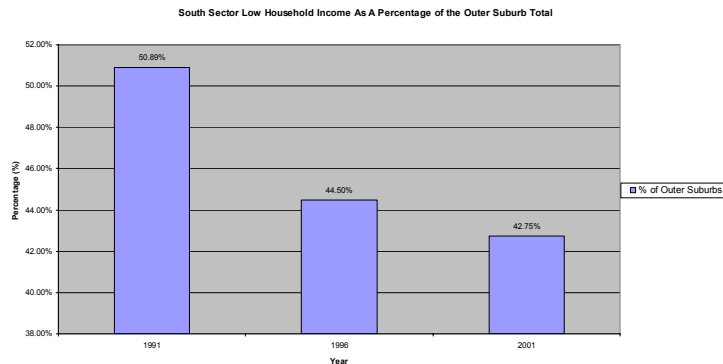
The minimum low income density in the outer suburbs is extremely low.



Both the minimum and maximum low income density decrease between 1991 and 2001.

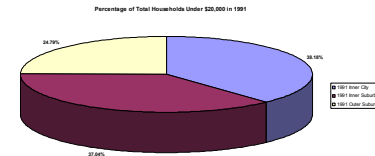
Low Household Income Density by Region of Calgary

South Sector Low Household Income Density (Under \$20,000)	
	% of the Total Outer Suburb Density
South Sector 1991	50.89%
South Sector 1996	44.50%
South Sector 2001	42.75%

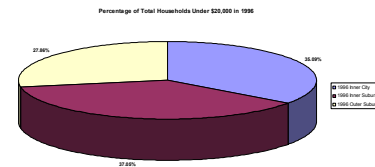


The percentage of low income household density in the south sector compared to the whole outer suburbs region declined from 1991 to 2001.

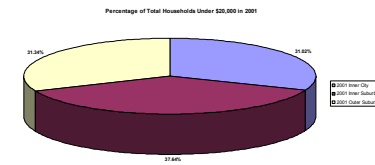
However, the outer suburbs area grew in size in 2001.



1991



1996

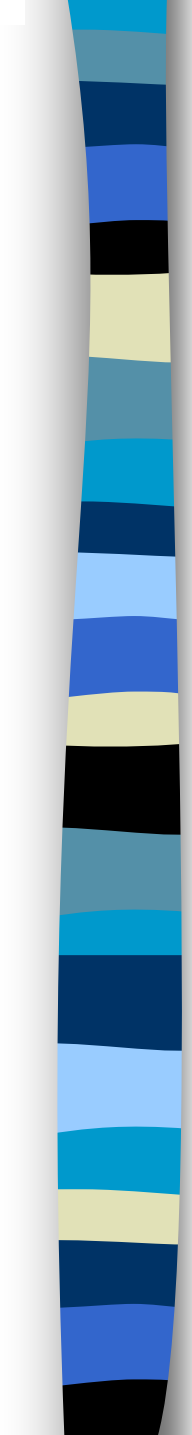


2001

The percentage of low household income in the inner city has decreased compared to the inner suburbs and outer suburbs; however, this is because of a significant reduction of total density in the inner city affecting the total numbers.

The inner suburbs have remained relatively constant over time.

The outer suburbs have increased in low income household density.



Overall Trends

- Increasing income and employment in the City of Calgary and south sector
- The south sector has higher household and individual incomes compared to the city.
- There is a lower concentration of low household income density in the south sector than the rest of Calgary.