

1) List the field names from attribute table? (1 mark)

id, area_name, finalid, areasqkm, seniors_65, popden65ov

2) If the area of the neighbourhood is required in hectares, how would you convert it? Write down the formula. (1 mark)

To convert from area sq. km to hectares: Multiply the area sq. value by a 100.

$\text{Areasq_km} * 100 = \text{hectares}$

3) What is the seniors' population density (per sq. km) in following neighborhoods? (1 mark)

a. The Beaches:

644.4444444 sq km

b. Rustic:



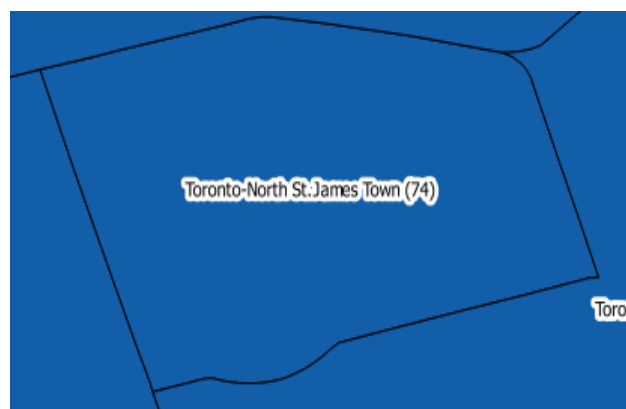
838.095238095 sq km

4) a. Where do you think, the pharmaceutical company open their retail store so that they can reach the most seniors (list top 4 neighborhood)? (2 marks). Identify whether it is in the East, West, North or South in Toronto. Yonge Street divides Toronto into East and West and Eglinton divides Toronto into North and South for this exercise. If they straddle those boundaries, provide a logical reasoning why it belongs to North vs South (2 marks) Total 4 marks.

b. Zoom in to the area and take either one screenshot showing the top four neighbourhoods clearly or four screenshots showing those four neighbourhoods. (1 mark)

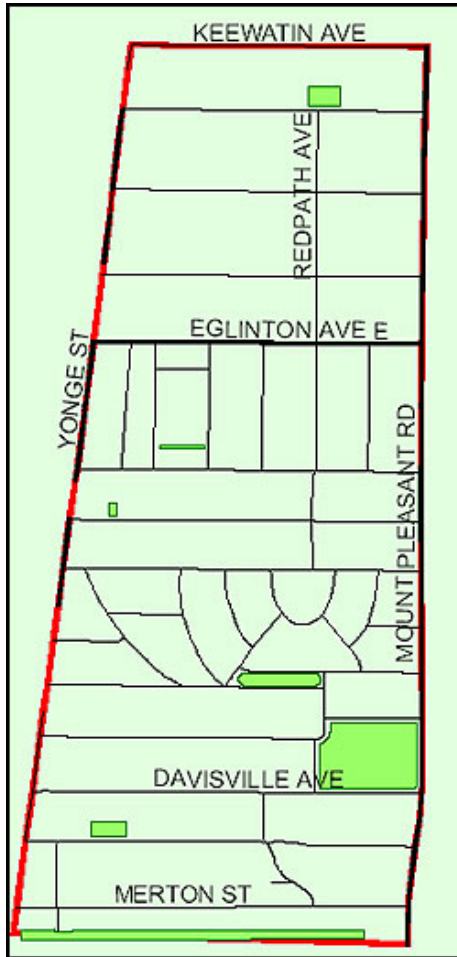
The pharmaceutical company can open their retail stores at the top 4 neighborhoods mentioned below. Since these neighborhoods have the highest population density of seniors (65+)\

1. North St.James Town (74) (popden65ov = 3462.5)

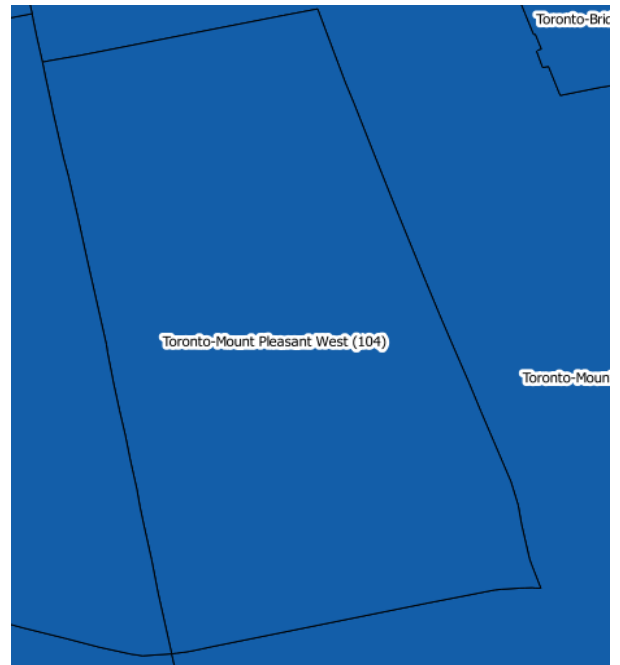


- **South and West** Toronto: because the neighborhood North St.James town is below Eglinton and west of Yonge Street

2. rajkMount Pleasant West (104) (popden65ov =2942.30769231)



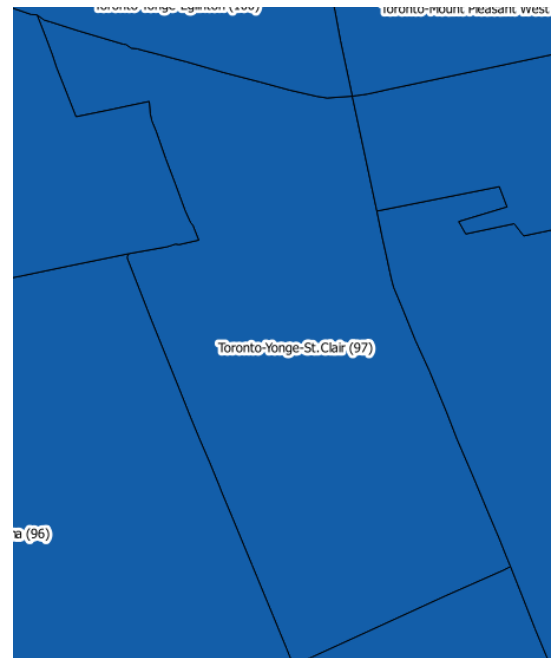
- Mount Pleasant West (104) is located **east** of Toronto. Since it's on the **east** end of Yonge St.
- Since majority of the neighborhood is below Eglinton avenue, it is **south** Toronto.



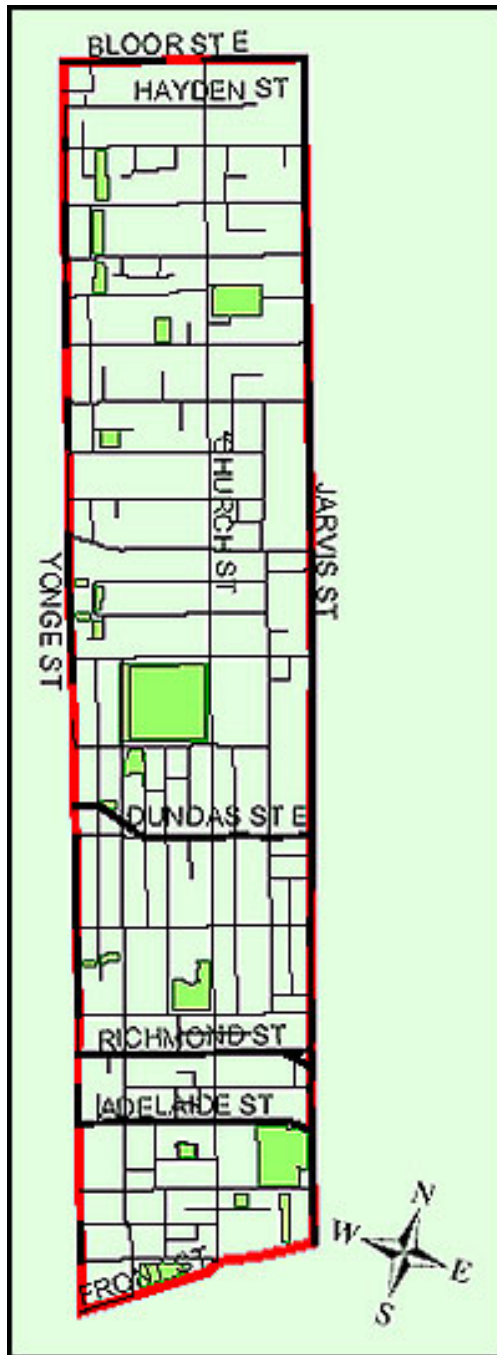
3. Yonge-St.Clair (97) (popden65ov = 2087.5)



- Yonge-St.Clair (97) is located **west** of Toronto. Since it's on the **west** end of Yonge St.
- Since the neighborhood is below Eglinton, it is **south** Toronto.



4. Church-Yonge Corridor (75) (popden65ov = 1842.85714286)



- Church-Yonge Corridor (75) is located **east** of Toronto. Since it's on the **east** end of Yonge St.
- Since the neighborhood is below Eglinton, it is **south** Toronto.

