

GETTING SENIORS THERE

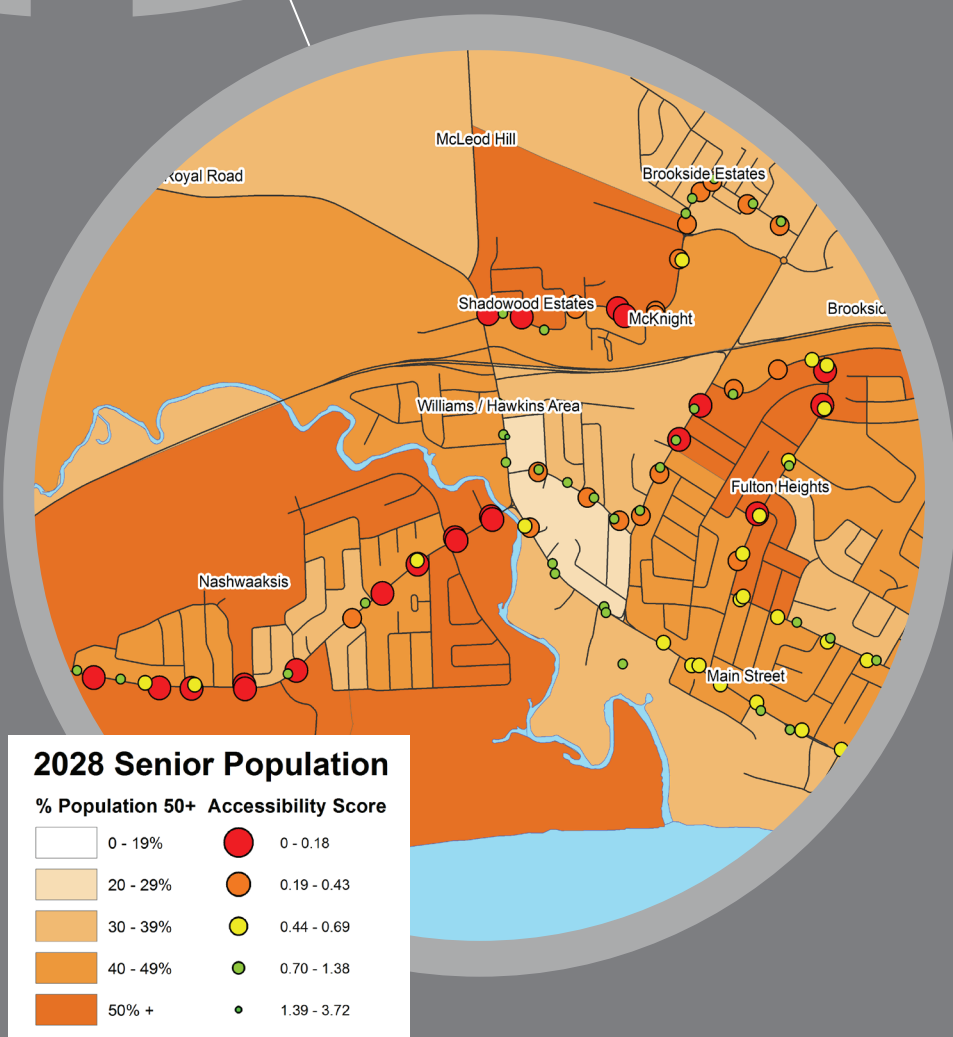
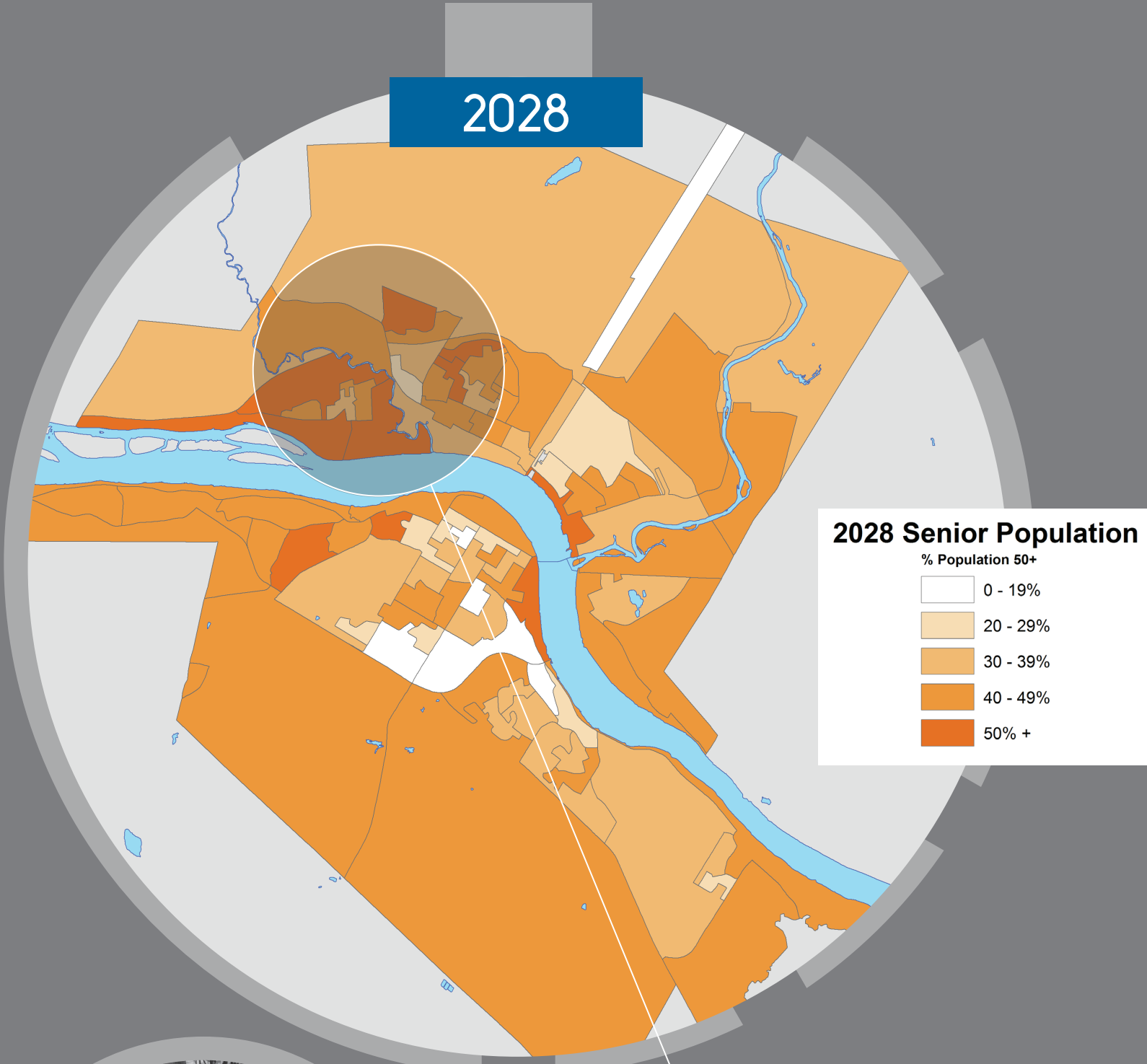
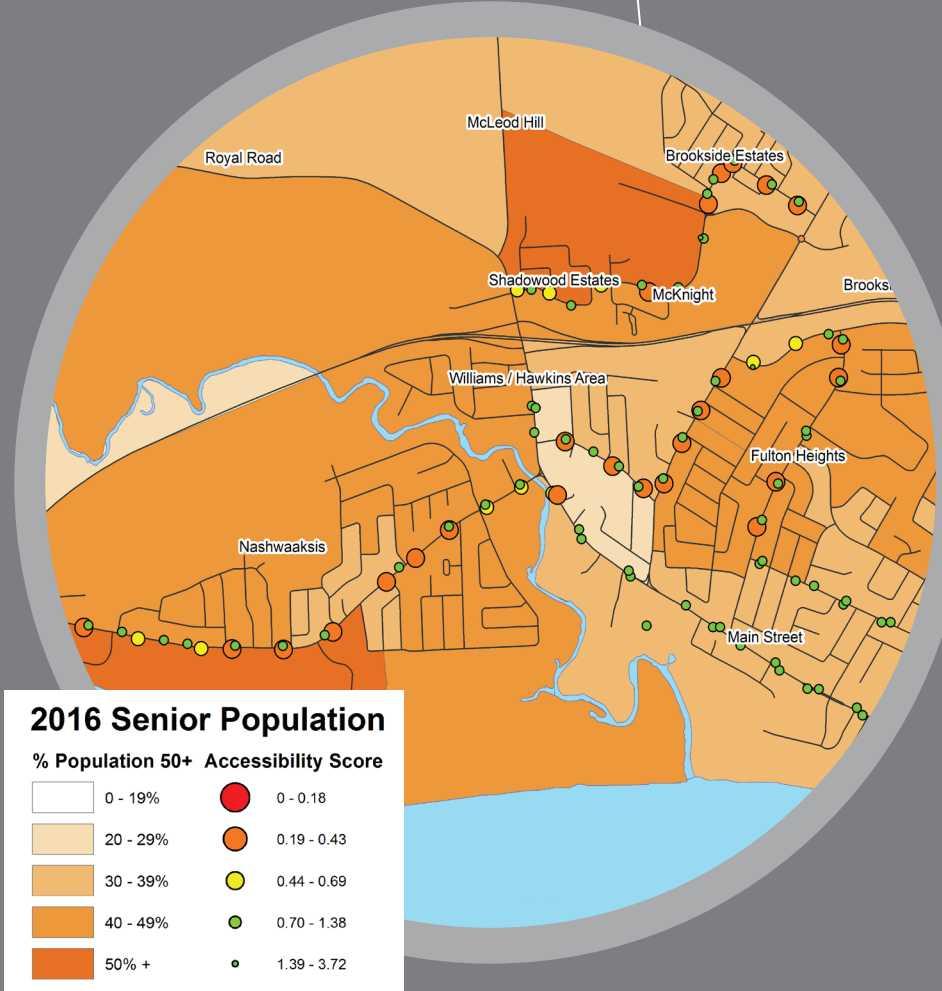
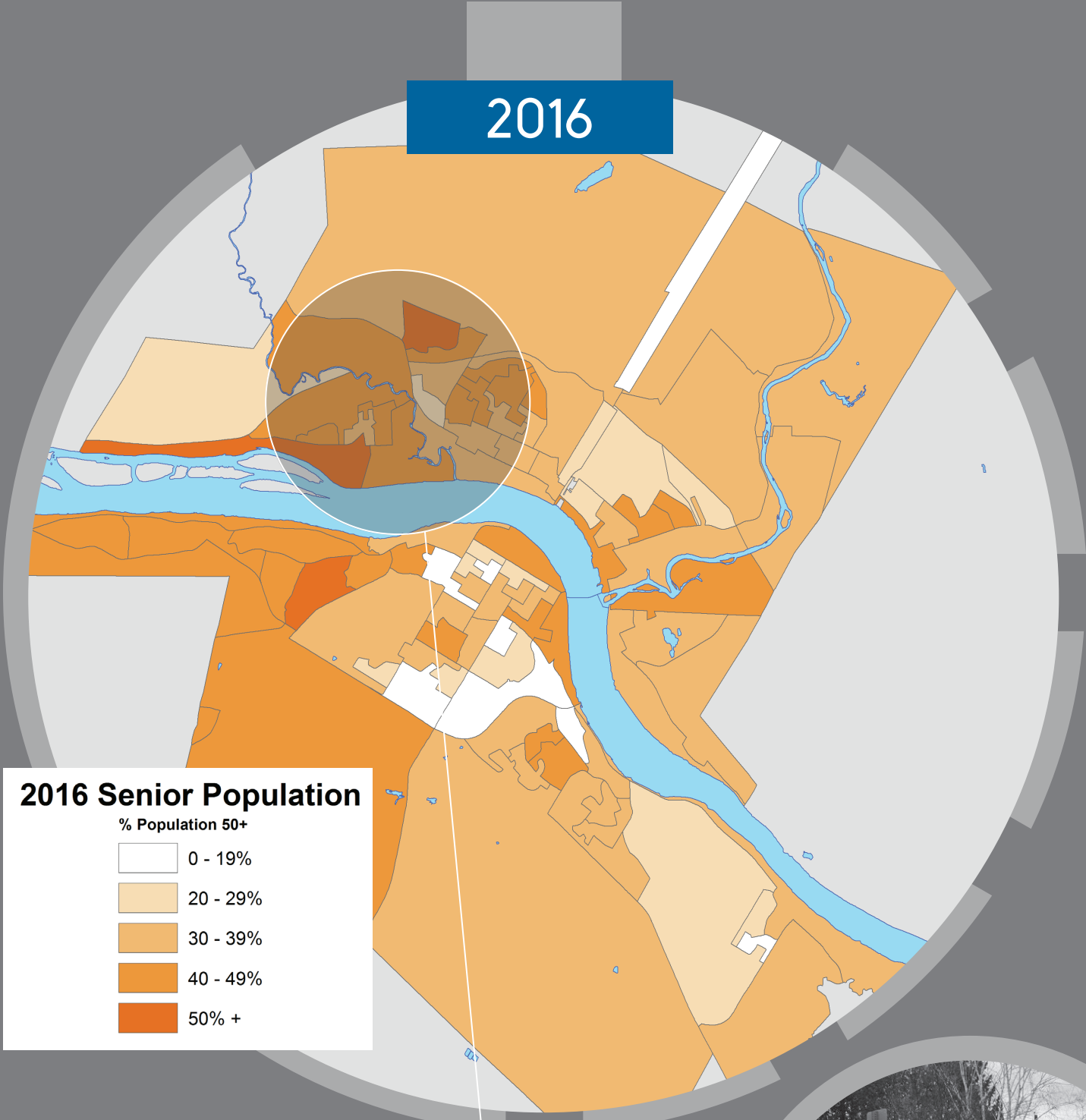
THROUGH SMART, ACCESSIBLE & AFFORDABLE TRANSPORTATION

Research has linked social isolation of seniors with:¹

- Depression
- Heart Health
- Quality of Life
- Mental Health
- Cognitive Function

“TRANSPORTATION IS A MAJOR BARRIER TO SOCIAL PARTICIPATION OF SENIORS”²

Using data from the City of Fredericton's data portal, we mapped the presence and quality of transit stops. Population projections to 2028 show where seniors may opt to live in the future. Combining these two pieces allows a prioritization of bus stop improvement, ensuring we have a transit system with accessible bus shelters that meet the needs of our aging population.



AMONG FREDERICTON SENIORS SURVEYED:³

- 68% worry about getting around in the future
- 45% worry about losing their licence
- 52% don't use busses because of the state of schedules & shelters
- 37% said it's hard to find busses/shuttles made for wheelchairs

Bus stops were scored based on different accessibility factors. These include snow removal, accessibility, presence of sidewalk and presence of shelter. A senior factor was added to the 2028 bus stops. This amplified the scoring of stops that are within areas of higher senior population.

- FREDERICTON OPEN DATA:

 - NB 2016 Population by Statistics Canada Dissemination Areas
 - Street CenterLine
 - BusStops
 - Neighbourhoods
 - 2018 Age-Friendly Survey
- GEONB:

 - New Brunswick Hydrographic Network

ESRI:

 - DemoStats
 - CensusPlus



¹ Courtin E. & Knapp M. (2015) Social isolation, loneliness and health in old age: a scoping review. Health and Social Care in the Community - doi:10.1111/hsc.12311.
² National Seniors Council
³ Fredericton Age Friendly Survey