

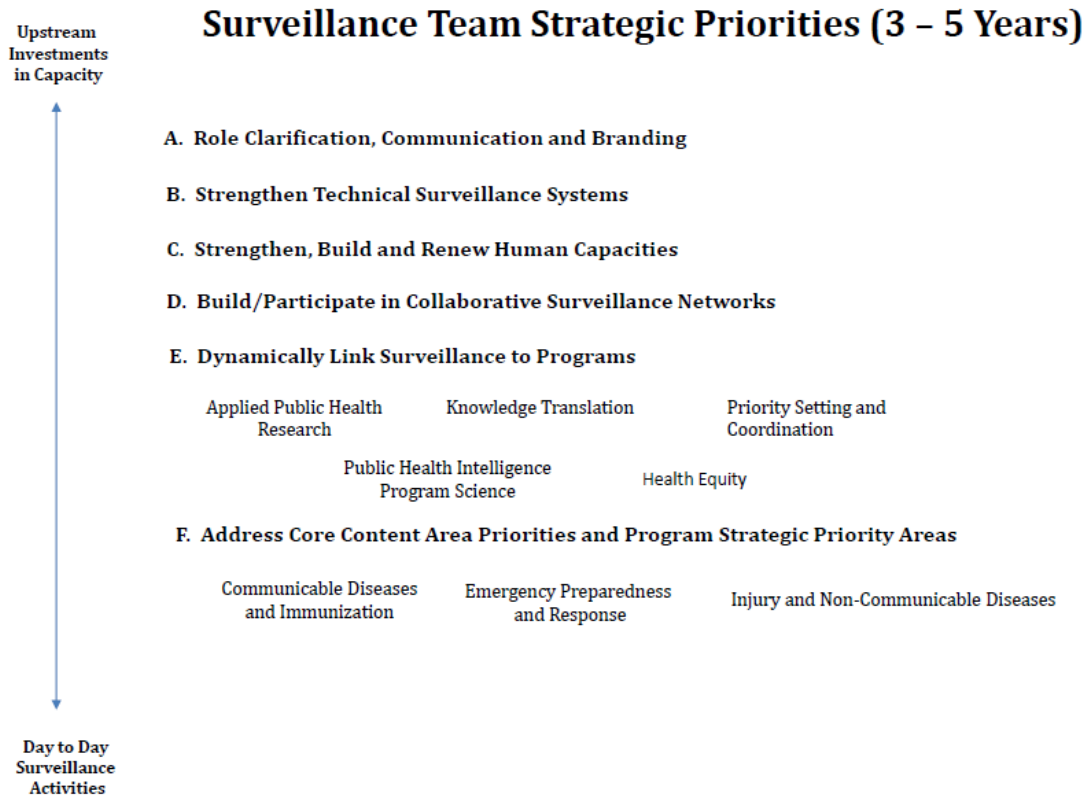
Population Health Surveillance (January to December 2015 Update)

Vision

The Population Health Surveillance Team will strive to optimize the health and wellbeing of all Winnipeg Health Region residents by providing public health programs and community partners with timely, leading-edge public health surveillance intelligence to support action-oriented policy development and decision-making.

This vision as illustrated in our logic model will be achieved by:

- Establishing the Population Health Surveillance Team as a recognized authority for public health surveillance intelligence for the Winnipeg Health Region
- Actively participating in and fostering collaborative surveillance networks with academic and community partners
- Developing scientifically-based technical surveillance systems and dynamically linking surveillance outputs to programs to support them in prioritizing and implementing their activities
- Building a comprehensive and up-to-date repository of public health surveillance data
- Actively embracing and implementing knowledge translation and mobilization processes
- Strengthening communicable disease surveillance by building infrastructure/capacity for emergency preparedness and responding to new emerging threats
- Building capacity in non-communicable disease surveillance by focusing on surveillance of upstream determinants and their impacts, including considerations of health equity



2015 Summary of Accomplishments

- Ongoing establishment of an expanded public health repository of population health surveillance information (e.g., immunization, Healthy Parenting and Early Childhood data, YHS, EDIS, CCHS)
- Development and establishment of technical infrastructure to support place-based surveillance, including the creation of a surveillance portal to support ready access to public health intelligence to inform public health decision making, program planning and emergency preparedness
- Designing a core set of analytical routines based upon a minimum dataset (time, place and person) to automate routine surveillance analysis and reporting
- Developing and refining data capture tools in EpiInfo 7, including automated programming scripts, to rapidly respond to communicable disease outbreaks to consolidate and strengthen communicable disease surveillance
- Ongoing development of a needs-based model to support and inform allocation of public health nursing resources
- Ongoing development of and use of equity-based metrics for surveillance analysis (e.g., gini coefficient, PAR, rate ratio etc)
- Training and mentoring of students and staff (e.g., Canadian Field Epidemiology training site, medical residents, graduate students etc)
- Ongoing participation in research and submission/acceptance of academic manuscripts
- Ongoing establishment of priority setting and coordination of surveillance resources through dynamic linkages with public health service areas, including communicable diseases, immunization, health sexuality, tuberculosis, built environment, physical activity promotion, injury prevention, food security, and early childhood development.