

# Niagara Health Visualizations

---

V1.0 **NIAGARA HEALTH**  
July 11, 2019

If you have any questions about this document please contact:

**Ian Chalmers**  
ian@pivotdesigngroup.com  
416.203.1660 x114

**Dave Brennan**  
david@pivotdesigngroup.com  
416.203.1660 x111


**Jay Canilanza**  
jay@pivotdesigngroup.com  
416.203.1660 x111

# Niagara Health System

## Functional Program: From Data to Story

Visualizing functional program into story; each persona is illustrated with different stages of touchpoints in the hospitals with various data visualization of **TIME, PEOPLE AND SPACE**.

EMERGENCY DEPARTMENT



Ron, 18

Admitted due to Broken Left Arm

Distance: 20km

Health Continuum

GOOD


Diagnostics: X-Ray

Treatment: Cast

Follow-up: Fracture Clinic (Ambulatory)

Family / Support: Parents

INPATIENT DEPARTMENT



Betty, 50

Admitted due to Appendicitis

Distance: 20km


Health Continuum

MEDIUM

Treatment: Surgery (Inpatient 3 days)

Family / Support: Husband

COMPLEX CARE



Barbara, 70

Admitted due to Broken Hip

Distance: 20km

Health Continuum

POOR

Diagnostics: X-Ray


Treatment: Surgery (Inpatient for 3 days)

Follow-up: Complex care (60 days)

Family / Support: Husband

Condition: Chronic Heart

AMBULATORY



Arthur, 70

Admitted due to COPD

Distance: 20km

Health Continuum

POOR

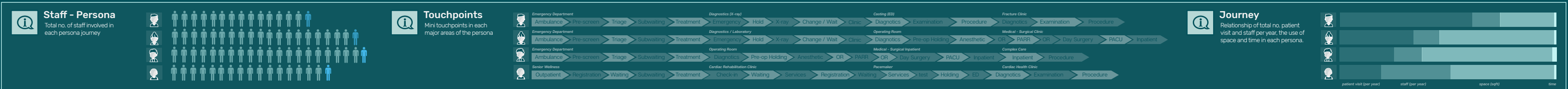
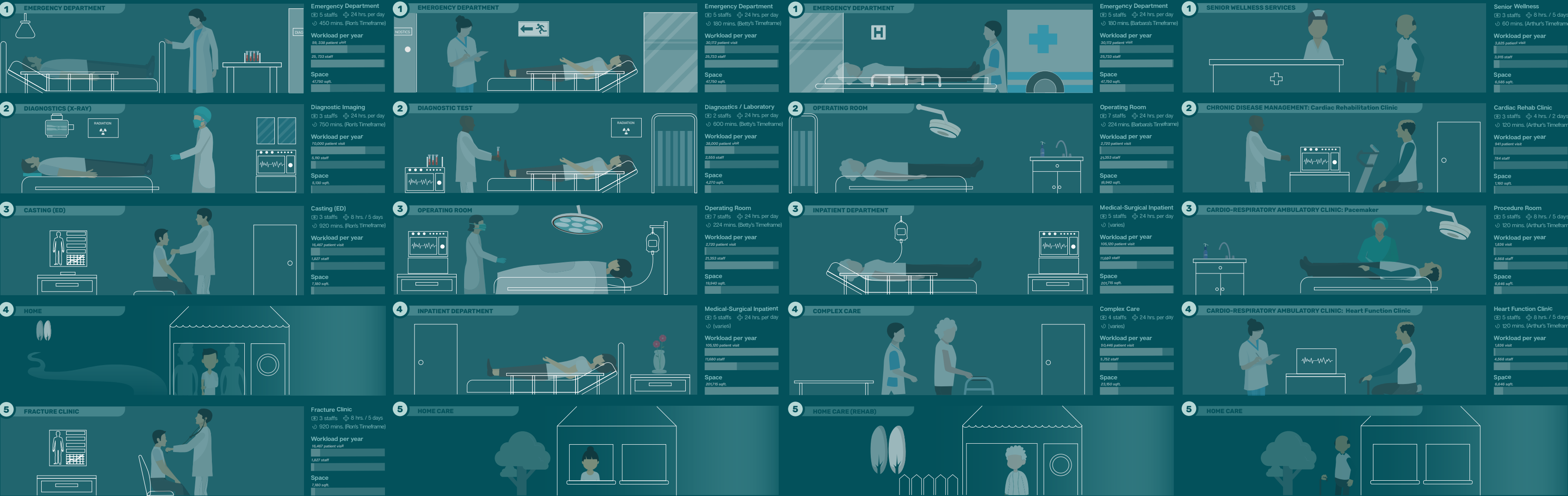
Diagnostics: Previously on ED

Treatment: Pacemaker

Follow-up: Complex care (60 days)

Family / Support: Daughter and Son

Condition: Chronic Heart



# Niagara Health System

## Data Visualization: Time, People and Space



### Legend

The 6 points diagram shows the relationship of staff, use of space, total no. of staff (year), operation hours and workload (year)

- A** STAFF: 5
- B** SPACE: 47,750
- C** STAFF (YEAR): 25,733
- D** OPERATION: 24/7
- E** TIME: 405
- F** WORKLOAD: 59,338



**Ron, 18**

Admitted due to broken left arm

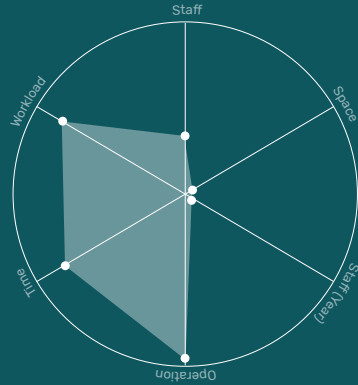


### Emergency

Lorem ipsum dolor sit amet, consectetur adipiscing elit, Lorem ipsum dolor sit amet, consectetur adipiscing elit, Lorem ipsum dolor sit amet, consectetur adipiscing elit,



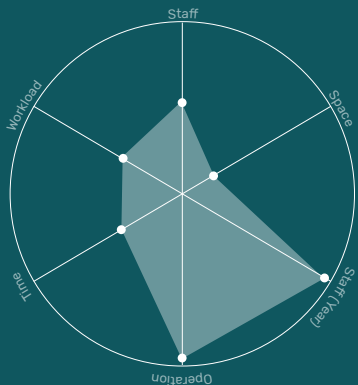
**1** Emergency Department



**2** Diagnostics (X-ray)



**3** Casting (ED)



**4** Fracture Clinic



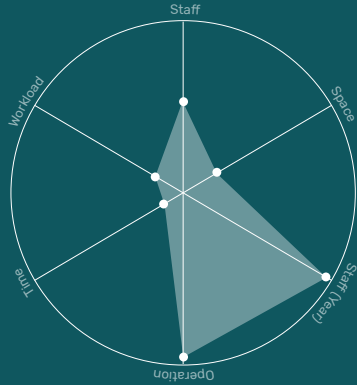
**Betty, 50**

Admitted due to appendicitis

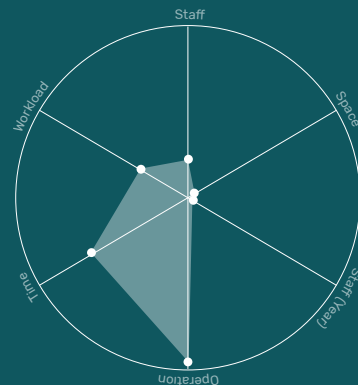


### Inpatient

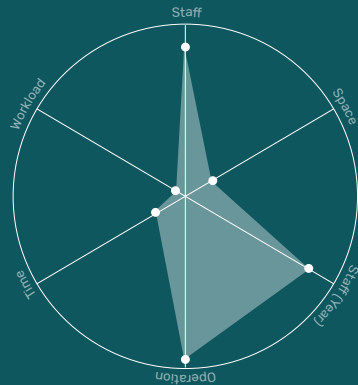
Lorem ipsum dolor sit amet, consectetur adipiscing elit, Lorem ipsum dolor sit amet, consectetur adipiscing elit, Lorem ipsum dolor sit amet, consectetur adipiscing elit,



**1** Emergency Department



**2** Diagnostics/Laboratory



**3** Operating Room



**4** Medical-Surgical Inpatient



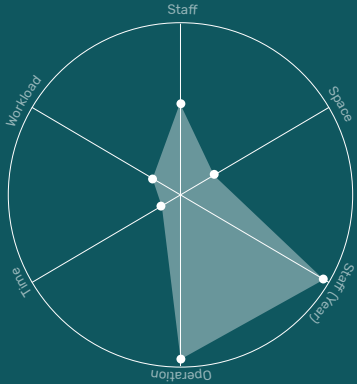
**Barbara, 70**

Admitted due to broken hip

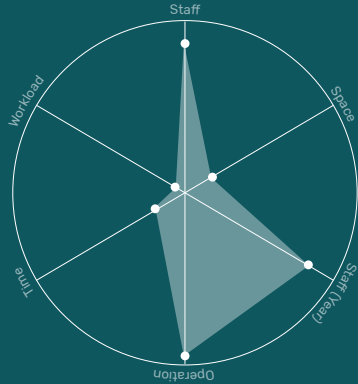


### Complex Care

Lorem ipsum dolor sit amet, consectetur adipiscing elit, Lorem ipsum dolor sit amet, consectetur adipiscing elit, Lorem ipsum dolor sit amet, consectetur adipiscing elit,



**1** Emergency Department



**2** Operating Room



**3** Medical-Surgical Inpatient



**4** Complex Care



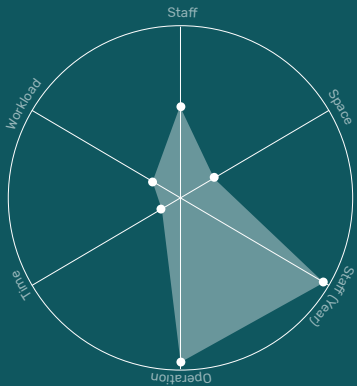
**Arthur, 70**

Admitted due to COPD

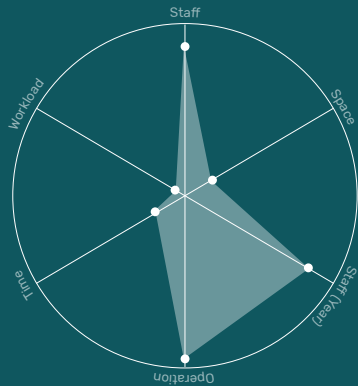


### Ambulatory

Lorem ipsum dolor sit amet, consectetur adipiscing elit, Lorem ipsum dolor sit amet, consectetur adipiscing elit, Lorem ipsum dolor sit amet, consectetur adipiscing elit,



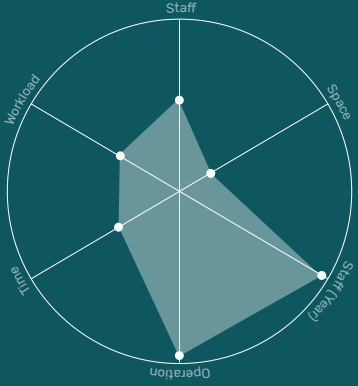
**1** Senior Wellness



**2** Cardiac Rehab Clinic



**3** Pacemaker



**4** Heart Function Clinic