



FUN FACTS

OUR CAMPUS

The hospital is over 150 years old has been at this location since 1875.

The HSC Winnipeg campus is one of the largest in Canada and has the most diverse ages of buildings:

- the oldest was built in 1897 – it's still being used today and is located in the Green Owl Zone
- the newest is the HSC Women's Hospital, which opened in 2019

In fact, we have over 4.2 million square feet of usable space - about 3 times the size of Polo Park Shopping Centre - spread out over the 36 acres of this campus -- AND all connected by 2.4 kilometers of underground tunnels.

- Patient Transport staff walk an average of 13 kilometers per shift!

In addition to ground ambulance services, air ambulances can land directly at HSC. HSC was the first hospital in Manitoba to have a heliport. Before the heliport opened in November 2016, air ambulances landed at Winnipeg airport and then patients had to be brought to HSC by ground ambulance, adding some 30 minutes to their travel time.

GENERAL STATS

We have:

- 8,000 staff
- Hundreds of volunteers
 - 46% are youth
 - More than 80 different languages are spoken in the volunteer group
- 780 patient care beds
- 11,000 rooms (55,000 keys)
- 75 elevators
- 3,800+ parking spots
- 250+ Security cameras on campus
- 20,472 medical devices supported by Biomedical Engineering
- 77 pneumatic tube stations
 - we have a pneumatic tube system (like Costco has for money from their tills) to transport samples around HSC.
 - There are 77 stations where tubes are sent or received. Tubes move at 20 km/hr, and we have 2,500 transactions per day (saving staff footsteps)

Each year:

- almost half a million clinic visits
- 120,000 visits to our Emergency Departments (Adult and Children's)
- 6,200+ babies are born here
- About 2.5 million kilograms of laundry!
- 280,000+ meals are prepared for patients
- 22,245 surgical procedures for adults and children
- 775,700 Health records requested
- More than 250,000 Diagnostic Imaging procedures for adults and children



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OTHER INTERESTING NUMBERS

With all these people at HSC (patients, staff & visitors) we use lots of toilet paper – about 170,640,000 sheets of toilet paper per year – that’s 17,000 kilometers of toilet paper! You could run it out to Tokyo, Japan and back to Winnipeg and you’d still have some left over.

We use

- 10,000 fluorescent light bulbs used per year
- About 1,800 bedding plants, 93 shrubs, and 900 tulip bulbs planted each year
- Around 500 toilet repair kits

ENERGY & WATER

- HSC has two main energy sources, Natural Gas and Electricity.

Natural Gas is primarily used to create steam which is distributed via those large pipes in the tunnels to provide heat to our campus. The smokestacks at our Central Energy Plant I are 70 metres tall; ½ the height of the Richardson Building (corner of Portage and Main), and as tall as the Investors Group Stadium (Bomber Stadium) Arches.

Electricity is used not only for equipment and lighting but also to generate chilled water (around 5oC) providing cooling to the entire complex; equivalent to cooling 10,000 homes. Some specialized equipment (like CT Scanners, MRIs and data rooms) requires cooling year round, so we air condition some areas while heating others in the middle of winter.

- On average, our “hourly” electricity consumption could charge a million and a half cell phones. Now that’s a lot of phones!

Just like at home when your parents tell you to “turn off the lights you’re wasting energy”, we are always looking for new and innovative ideas to save energy too by ways of engaging staff in fun challenges, upgrading to new energy efficient equipment, lighting, etc, whenever possible.

Water is important to us too. With our annual water consumption, we could make over 10,000 NHL sized hockey rinks! Through our many water savings initiatives, HSC still uses the same amount of water as it did 20 years ago. Now that’s impressive.

HOUSEKEEPING SERVICES

Staff in Housekeeping receive special training in infection prevention and control procedures. They are part of the patient care team.

- Uses 750 microfiber floor mops daily

LINEN SERVICES

Open 24 hours a day, 7 days a week, 365 days a year. They provide clean linens and laundering services throughout the hospital.

Uses large quantities of linen each year for our patients:

- 750,000 flannel sheets
- 840,000 pillowcases
- 800,000 bath towels
- 1.2 million yellow isolation gowns.



Health Sciences Centre
Winnipeg
A Shared Health facility



FUN FACTS

ENVIRONMENTAL SUSTAINABILITY

- In recent years, we have changed to a flat style microfiber mop for cleaning floors and walls in lieu of the old long loop mops and deep pails of water. We use over 273,750 of these every year which saves 2 million litres of water.
- HSC was the first hospital in Winnipeg to have a recycling program. We recycle around 450 tonnes of paper, plastic & metals every year.
- In 1996 (before any of you were born) we implemented a special winter cooling system to keep the MRIs, freezers, fridges, X-ray machines and computer rooms cool in the winter – instead of using regular city water to keep them cold. We have saved enough water that if you put it in bottles it could circle the earth 14 times!
- All of our regular paper towels are non-bleached, and all of our paper towels and toilet paper products are 100% recycled and Ecologo certified.
- Every year HSC grows enough basil in the Rehab Courtyard for Retail Food Services to make pesto for the entire year – meaning anytime pesto is used in the cafeteria it was grown and made right here on campus!
- HSC has 360 bicycle parking spots on campus – 135 of these are indoors or covered.
- Each of the 3,800 parking spots for patients, visitors and staff is equipped with an energy savings controller.

MEDICAL DEVICE REPROCESSING

- The Medical Device Reprocessing Department spans 20,000 square feet and employs more than 100 staff!
- Open 24, hours day/7 days a week 365 days a year
- Supports the Adult, Children's, and Women's hospital Operating Rooms by providing instruments and supplies, and services patient care areas in the hospital by providing necessary items such as bed pans, kidney basins, urinals & slipper pans
- Cleans, disinfects, assembles and sterilizes reusable medical devices. This protects patients from exposure to potentially harmful pathogens.
- More than 2,000 devices are pouched or wrapped by staff every day. Dispatched more than 404,542 medical devices last year
- Dispatched more than 14,871 Dressing Trays last year

WAREHOUSE/SUPPLY & DISTRIBUTION

- Warehouse handles all incoming goods to HSC, except Food and Laundry
- 860 different types of items are stocked in the warehouse. Warehouse racking extends 22 ft height, we also have 3 Shuttle units that store small items.
- Approximately 70-80 million dollars worth of items are bought and sent directly to departments, from the smallest surgical screw to large MRI units.
- Stock processing (receiving, storing, picking, packing, shipping) is done electronically using handheld Radio Frequency devices. Our warehouse system keeps track of all stock/orders etc.
- Process hundreds of orders daily. Not only for HSC but also for the Dialysis centres across the province, including some which are very remote - where due to winter road access only, they must get their entire year's supplies at once.
- We also do all orders for MB Homecare/ Ostomy/ Home Nutrition programs for entire province.
- Once orders are entered the warehouse picks and then packs the items on cages and pallets for transport via the tunnel system.