



take our kids to work day

SHARED HEALTH FACTS

Shared Health - Manitoba's Provincial Health Authority

As Manitoba's provincial health authority, Shared Health provides provincial planning, health services and operational support for Manitoba's health system. We are one of seven health authorities in Manitoba, and we work closely with Manitoba's cancer authority and five regional health authorities.

There are more than 18,000 Shared Health employees working in every corner of the province.

Planning

Planning allows us to understand and meet the needs of our patients, staff and partners across the province. We work closely with health regions to discuss the needs of their populations, plan and implement vital health services, and train, recruit and retain the health-care professionals who deliver care. From the development and management of a Provincial Clinical and Preventive Services Plan to the setting of clinical standards, Shared Health teams contribute to provincial efforts to improve access, quality and reliability of health services for all Manitobans.

Services

The delivery of clinical services is at the heart of Shared Health's mandate. Our teams are responsible for the delivery of specialized health services in a variety of areas and locations where provincial consistency is prioritized or where services are highly specialized. From lab tests and diagnostic imaging to emergency response and many specialized hospital-based services only offered at Manitoba's largest hospital – Health Sciences Centre Winnipeg, we cross boundaries between communities and health regions and deliver vital provincial services.

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Supports

Shared Health provides operational and administrative support for many areas of our health-care system, allowing health authorities to focus primarily on the delivery of health services for their populations. From buying and delivering critical supplies, managing payroll for more than 60,000 people or leading renovations and new hospital construction, we have amazing teams full of expertise that gets to be shared by all Manitoba health authorities.

Our Goals

By working closely together to deliver a provincial approach to health care, all our health authorities and experts contribute to improving the accessibility, quality and reliability of health services for all Manitobans. We are all invested in having the best possible health-care system. We have many people working across the system who have knowledge, ideas and skills that can benefit us all. We want all Manitobans to experience the same quality of care and have access to the same services whenever possible.

HSC Winnipeg is Manitoba's hospital with specialized support for trauma, neurosurgery, burn, transplant, and psychiatric health.

Health Sciences Centre Winnipeg is a Shared Health facility, and Manitoba's provincial tertiary centre for trauma, transplants, burns, neurosciences, complex cancer care and pediatric care.

Located on over 32 acres of land in central Winnipeg and serving residents of Manitoba, Northwestern Ontario, and Nunavut, it is the province's largest health-care facility, and a major referral centre for complex health problems.

Every clinical hospital-based service available in the province is offered at HSC, except for cardiac surgery and eye surgery. This means the majority of Manitobans' tertiary care is provided here, regardless of which community they call home.

We care for the sickest and most critically injured people (over 570,000 patients receive care every year at HSC). We have the largest and busiest emergency departments in Manitoba, with 115,000+ visits per year and 330+ patients per day.

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Our Organization

Hospital care?

Shared Health includes Manitoba's largest hospital, Health Sciences Centre. HSC is the location for Manitoba's most specialized care and services and provides care to patients from across the province as well as Nunavut and North Western Ontario.

Emergency Response and Interfacility Transport?

Shared Health is responsible for provincial emergency medical services and patient transport, overseeing nearly 80,000 air and ground transports each year.

Diagnostic and Laboratory Services?

Shared Health is responsible for provincial laboratory and diagnostic services, with staff working in nearly every facility across every health region in the province. Together, we perform more than \$8 million lab and imaging tests each year!

Mental Health and Addictions Treatment and Wellness?

Selkirk Mental Health Centre, Crisis Response Centre, and several Rapid Access to Addictions Medicine clinics are part of Shared Health, as well as a variety of hospital-based inpatient and outpatient services to support clients needing mental health and/or addictions care.

Our staff and physicians support more than 45,000 mental health and addiction clients each year.

Critical supplies

Health care runs on supplies and ensuring a consistent, reliable supply of all materials that are essential to care falls within the mandate of Shared Health. We buy and manage critical supplies for all of Manitoba's health-care system.

Payroll

Shared Health delivers payroll and support to more than 60,000 health care employees across Manitoba.

Clinical Support

Shared Health supports a wide variety of clinical functions, including Clinical and Biomedical Engineering which supports maintenance repair and replacement of more than 14,000 pieces of medical equipment used in rural and northern health care facilities.

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HEALTH SCIENCES CENTRE WINNIPEG FACTS

Health Sciences Centre Winnipeg

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 Statistics

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)

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HEALTH SCIENCES CENTRE WINNIPEG FACTS

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

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 and 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 5°C) 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.

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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.

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.

Main Kitchen

Keeping our patients takes a lot of support – and how about feeding those people every day? Our Nutrition and Food Services team serves our patients:

- 1,800 trays of food every day – that's over 657,000 meals each year!
- More than 700 cups of coffee and 400 cups of tea each day
- 30 loaves of bread each day
- 143 pounds of hot cereal every day!

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

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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.

Medical Device Reprocessing

- Fills approximately 1½ recycling bins with cardboard every day with an approximate weight of 190 pounds. Over a year, that's approximately 50,000 pounds of cardboard.
- Reprocessed equipment for over 15,000 operations this past year in the adult and children's hospital operating rooms.
- Used 510,000 sterilization integrators for all of the medical devices reprocessed for an entire year. Integrators tell staff whether an instrument is successfully sterilized or not.
- On average, MDR runs 150 loads through their washer disinfectors and 120 loads through their cart washers on a weekday. At 200 litres per cycle, that works out to 54,000 litres per day of water consumption.

Warehouse/Supply and Distribution

- Warehouse handles all incoming goods to HSC, except Food and Laundry
- 1,860 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.