



NORTH SHORE

HEALTH DEPARTMENT

ANNUAL REPORT

2020

*Serving the communities of Bayside,
Brown Deer, Fox Point, Glendale,
River Hills, Shorewood and Whitefish Bay*

MESSAGE FROM NSHD HEALTH OFFICER

Dear North Shore Residents, Partners and Friends,

As we have shared over the years in these annual reports, the mission of the North Shore Health Department is to work in partnership with the communities to assure, promote, and protect the health and safety of the people in the North Shore. Our core services include:

- *Communicable Disease Prevention and Control
- *Chronic Disease Prevention and Management
- *Environmental Health, including licensing and inspection for restaurants, retail food establishments, hotels, and public pools.
- *Injury Prevention
- *Public Health Emergency Preparedness

In March of 2020, the World Health Organization declared COVID-19 a pandemic, and on March 13th, 2020, the North Shore Health Department received its first case of COVID-19. The Wisconsin Department of Health Services designated COVID-19 a Category I communicable disease. With that determination, local health departments, including the North Shore Health Department, must investigate and respond to all confirmed cases of COVID-19 to prevent and control the spread of the disease. Guidance on disease prevention and control is provided to local health departments by the Wisconsin Department of Health Services and the Centers for Disease Control and Prevention. Based on the nature of the response, NSHD's staff resources in 2020 have been largely directed at preventing and controlling the spread of COVID-19. Some examples of our efforts to include:

***Management of COVID-19 Cases and Contracts**

- COVID-19 Case Notification and Monitoring for 4,683 residents;
- Issuing Isolation Orders for positive cases to educate on the need to be isolated for 10 days following symptom onset;
- Release from isolation notification and return to work/school guidance;
- Identification and notification of close contacts to COVID-19 positive cases; and
- Monitoring close contacts for 14-day quarantine period and providing guidance on the need for testing and treatment should symptoms develop.

***Community Mitigation**

- Ordered closures of public places to prevent community transmission (no longer in effect);
- Issued guidelines for safe reopening of businesses and public places;
- Supported schools to close in spring 2020 and reopening plans in fall 2020;
- Supported policies to require residents to wear cloth face coverings; and
- Provided education on individual risks and protective behaviors to prevent spread, including physical distancing, respiratory hygiene, and wearing of cloth face coverings.

***COVID-19 Testing and Vaccination Planning**

- Developed local and regional COVID-19 testing strategy to support easy access to COVID-19 testing;
- Hosted two mass COVID-19 testing sites, one in partnership with Ozaukee Washington Public Health at Concordia University and one at Nicolet High School; and
- Began planning for vaccine distribution in 2021.

Thanks to everyone who supported the health department during this time of crisis. We look forward to helping get everyone a COVID-19 vaccine in 2021 so that we can get back to our core functions and essential services.

Sincerely,



Ann Christiansen, MPH

PREVENTING & CONTROLLING DISEASES

Disease Investigations*

	Number	Rate per 10,000
Bayside	20	45.6
Brown Deer	178	148.3
Fox Point	24	35.8
Glendale	116	90.1
River Hills	10	62.6
Shorewood	89	67.6
Whitefish Bay	52	36.9
Other	52	
Total	541	83.2

*Confirmed, Probable & Suspect
Excluding COVID-19

Disease Cases*

	2019	2020
Food or Water-borne illness	55	30
Hepatitis - A, B, C	12	12
Mycobacterium - non-TB	17	20
Vaccine Preventable**	25	8
Sexually Transmitted Disease	346	323
TB - Active	<5	0
TB - Latent	20	7
Vector-borne (mosquito & tick)	9	5
Influenza Hospitalization	46	39
Strep	14	16
Other	7	7
Total	552	467

*Confirmed & Probable

**Pertussis, Varicella (chicken pox), Mumps, etc.

Immunizations

	Flu Vaccine	Other Vaccine
Bayside	12	<5
Brown Deer	52	10
Fox Point	15	0
Glendale	34	<5
River Hills	7	0
Shorewood	69	5
Whitefish Bay	86	12
Other	223	12
Total	498	43

COVID-19

Total Cases* North Shore	4,683
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*Includes Confirmed (PCR) & Probable (Antigen) cases

Animal Bite Investigations

Animal Type	Number of Bite Follow-Ups	Rabies Status
Domestic	48	0 positive
Wild	9	0 positive

NSHD performed 23 TB Skin Tests.

ENVIRONMENTAL HEALTH

Beach Water Testing

Water samples collected	84
Elevated bacteria level - Advisory	0
Beach Closures - high bacterial level	2

Status posted on website www.wibeaches.us from Memorial Day through Labor Day.

Lead Level Screening

Children 6 years and younger blood lead level results received by NSHD	669
Children w/ initial screening ≥ 5.0 mcg/dL	14
Children w/ confirmatory screening ≥ 5.0 mcg/dL	<5

NSHD responded to 6 elder referrals in 2020, as well as a handful of environmental hazard complaints (air/water/soil).

North Shore Environmental Health Consortium

159	Restaurant Licenses Issued
71	Retail Food Establishment Licenses Issued
0	Farmers Markets & Temporary Event Licenses Issued
76	Pool Licenses Issued
11	Hotel Licenses Issued
12	Re-Inspections
4	Complaints



NORTH SHORE
ENVIRONMENTAL HEALTH CONSORTIUM
A Licensing and Inspection Program of the North Shore Health Department

NORTH SHORE VITAL STATISTICS

Births*

Year of Birth	Total Number of Births in North Shore
2020	452
2019	699
2018	749
2017	697
2016	770

Newborn Baby Visits & Consultations

2020	18 total
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Deaths*

Leading causes of death in the North Shore, 2020

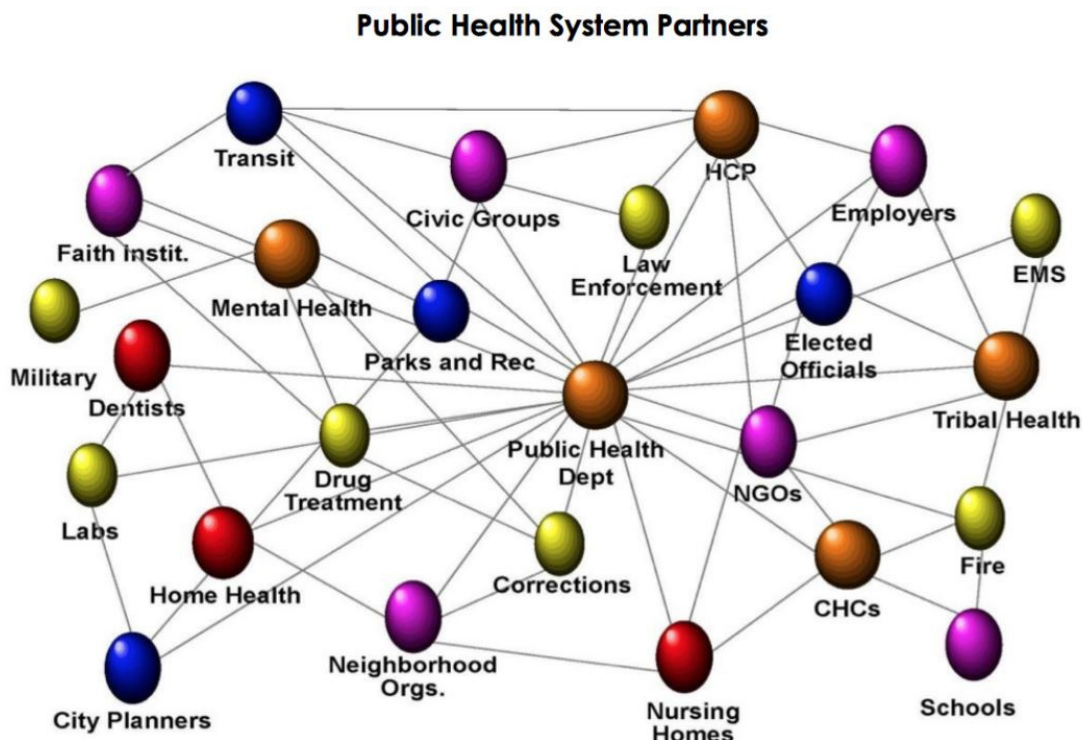
Cancer	107
Heart Disease	105
COVID-19	53
Unintentional Injuries	44
Stroke (Cerebrovascular Diseases)	29
Alzheimer's Disease	22
Diabetes Mellitus	18
Chronic Lower Respiratory Disease	12
Parkinson's Disease	10
Nephritis	9
Influenza & Pneumonia	8
Hypertension	7
Septicemia	6
Suicide	5
All Other	164

*Birth and Death data are estimated from preliminary birth and death certificates

WORKING WITH OUR PARTNERS

Shorewood Elder Services Advisory Board, Wisconsin Association of Local Health Departments and Boards, Safe Kids Coalition, Immunize Milwaukee!, Light and Unite Red, Milwaukee Co. Breastfeeding Coalition. Milwaukee Co. Hoarding Task Force, REDgen, Respite Care Association of Wisconsin, Shorewood Dementia Capable Community workgroup, Prevent Suicide Greater Milwaukee, Milwaukee County Opioid Fatality Review Board, Milwaukee County Department on Aging Wellness Committee, Milwaukee County Falls Prevention Coalition, Cardinal Stritch University.

Collaboration with schools, businesses and community organizations on COVID-19 disease investigation, contact tracing, reopening decisions and safety plans.





NORTH SHORE HEALTH DEPARTMENT

2020

STAFF

Health Officer/Director - Ann Christiansen
Public Health Manager - Kevin Rorabeck
Environmental Health Specialists - Brad Simerly,
Zach Kroening
Public Health Nurse Supervisor - Kathleen Platt
Public Health Nurses - Kala Hardy,
Chris Cordova, Andrea Warren
Administrative Coordinator - Haley Powell
Administrative Assistant - Rosalie Valenti
Public Health Assistants - Kayla Bonack, Alexis Roach
Contact Tracing Team - Up to 12 COVID-19 contact
tracers worked with NSHD in 2020.

BOARD OF HEALTH

The Board, with representatives from each of the seven communities, helps direct the Health Department's activities. In addition, a medical advisor serves on the Board of Health.

Bayside - Ellen Friebert Schupper, MBA
Brown Deer - Rosalyn McFarland, DNP, APNP, FNP-BC
Fox Point - Bruce Weiss, MD, MPH (former member)
Glendale - Debesh Mazumdar, MD
River Hills - Claudia Altman, MD (former member)
Shorewood - Kristine Peterka, DNP, RN
Whitefish Bay - Christopher Simenz, PhD, CSCS

Gary Lewis, MD Medical Advisor, Chair

TWO LOCATIONS

Brown Deer Office
4800 W. Green Brook Dr.
Brown Deer, WI 53223

Shorewood Office
2010 E. Shorewood Blvd
Shorewood, WI 53211

CONTACT US

Main Phone Line: (414) 371-2980
Email: nshd@browndeerwi.org

Website: www.nshealthdept.org
Hours: 8:00 a.m. to 4:30 p.m. Mon-Fri

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