

Sauk County, Wisconsin
Public Health Annual Report 2022

2022 Mission:

To enhance the conditions that support optimal health and well-being for all people in Sauk County.

2022 Vision:

Everyone in Sauk County lives their healthiest life possible.

Departmental Program Summary:

Our Department is made up of 3 Divisions:

- Environmental Health
- Public Health Programming
- Women, Infant, Children (WIC)

These divisions work collaboratively to make Sauk County a healthy place to live, learn, work and play.

2022 Goals Review:

GOAL	OBJECTIVE	WAS THIS OBJECTIVE REACHED?
		Yes or No (If no, please provide comment)
Improve dental health in school-aged children.	Screenings and Fluorides will be applied to 1700 Sauk County children in 18 schools. 700 students will receive sealants, on average 3 sealants per student.	No. We screened 1609 unique students and provided 1565 fluorides. In the 2021-2022 school year our numbers were slightly lower than expected due to a change in dental program offerings and communication for enrollment provided to families in the Baraboo School District. We anticipate this lower enrollment to rebound in the current school year and future years with increased solicitation by Baraboo School District nursing staff for students to participate in the Seal-A-Smile at the schools the district has assigned to the program.
	100% of children with urgent dental needs will be connected with a	Yes. 100% of children with urgent needs were referred to care

GOAL	OBJECTIVE	WAS THIS OBJECTIVE REACHED?
		Yes or No (If no, please provide comment)
	dentist.	options by Seal-A-Smile staff.
Improve participation in all Sauk County Public Health Programs.	Conduct comprehensive, multi-media, culturally appropriate public awareness campaign to educate community on risks of all vaccines, with special focus on immunocompromised, very young, and elderly residents.	Yes, immunization awareness campaigns, including billboards (including in Spanish), on demand tv commercials (including in Spanish), social media campaigns (including in Spanish) and movie theatre commercials were conducted in 2022.
	Enroll pregnant women in WIC in the first trimester.	Yes. 52.5% of pregnant WIC clients were enrolled in the first trimester. The WI state average is 38.9%.
	Conduct monthly community outreach to increase enrollment and participation in programs.	Yes
<p>Improve community resiliency to recover from an outbreak or disaster</p> <p>Improve community resiliency to recover from an outbreak or disaster.</p>	Collaborate with regional HERC and EM to update our Continuity of Operations Plan (COOP).	Yes
	Demonstrate evidence of planning and exercising using a whole community approach to involve individuals with access and functional needs such as: children, pregnant people, senior citizens, people with disabilities, and people with pre-existing behavioral health needs, among others.	Yes
	Engage at least 15 community emergency preparedness stakeholders.	Yes
	Train 100% of new staff in required ICS training within 60 days of hire.	Yes
	Maintain at least 20 trained volunteers to participate in public health emergencies through WEAVR system.	Yes
Reduce communicable disease outbreaks through education, surveillance, treatment, investigation, and case follow up.	Follow up with 95% of all cases of reportable illness within State guidelines.	Yes
	Reduce sexually transmitted illness by 5% over 2021.	Yes. Decrease in STI cases by 11%. (297 cases in 2021, 263 in 2022.)
	As a community, provide age-appropriate vaccinations to 67% of	No, 64% of Sauk County children aged 0-24 months had completed

GOAL	OBJECTIVE	WAS THIS OBJECTIVE REACHED?
		Yes or No (If no, please provide comment)
	children aged 0-24 months.	primary immunizations.
	Conduct comprehensive, multi-media community education campaign to educate residents and policy makers about STI prevention.	Yes, efforts were made during STI Awareness week in April via a display in the West Square Building and social media posts.
	Maintain COVID-19 response at levels that reduce number of new cases, community spread, positivity rate, and outbreaks, focused on long-term care facilities, educational institutions, and workplaces.	Yes
Create a quality-focused organization.	Review and regularly update the Quality Improvement Plan.	In progress. QI training was completed in Q4 2022, and the QI plan will be updated in Q1 2023.
	Develop outcome-based performance metrics for 100% of programs and services.	Yes, a new performance management system was created in Q1 2022 and implemented in Q2-Q4, with performance metrics for each unit.
	Review monthly performance metrics and systematically identify opportunities for improvement.	Yes, the PM Dashboard was reviewed regularly and submitted to the Board of Health monthly starting in April 2022.
	Provide QI training to 100% of staff within 60 days of hire and ensure that 95% of all staff have received QI training annually.	In progress. The QI Plan and Training needed a restart in 2022, after not being a focus during COVID-19 emergency response. In Q4, QI training was completed by 18 staff. The QI plan will be revised in Q1 2023, and further training needs assessed from there.
	Conduct at least 2 formal QI projects annually, determined by comprehensive review of performance indicators.	Yes. During QI training 4 QI projects were conducted, and NFP completed an additional QI project on staff wellness/retention.
	Create a comprehensive, 3-year Strategic Plan, to incorporate the Community Health Improvement Plan.	Yes
Ensure a competent public health workforce.	Create a formal Workforce Development Plan.	Yes, completed in December 2022.
	Develop training plans, with lists of required trainings, for 100% of all position titles.	No, this is in progress and will be implemented in 2023.

GOAL	OBJECTIVE	WAS THIS OBJECTIVE REACHED?
		Yes or No (If no, please provide comment)
	Provide required trainings for 100% of staff.	Trainings were provided to 100% of staff (included recordings that could be watched later.) 99% of staff completed training.
	Identify public health core competencies for 100% of position titles.	Yes
	Revise 75% of position descriptions to include public health core competencies.	Yes. 100% of position descriptions were updated to include core competencies.
Improve preconception health of women.	Provide convening leadership for the Reproductive Health Coalition with broad-based community stakeholders to develop policy improvements designed to support reproductive health among women of Sauk County.	Yes. Public Health Nurses regularly participated in the Reproductive Health Coalition meetings in 2022.
	Provide at least 4 healthy cooking demonstrations at local Farmer's Markets.	No. 2 hands on activities were provided at local Farmer's Markets.
Increase data and informatics capacity to inform community health strategy; improve data collection, management, and reporting to inform best practice interventions and policy/systems improvements.	Collaborate with Sauk County school districts to conduct the Youth Risk Behavior Survey (YRBS) or similar survey; create, analyze and present an aggregate county-level YRBS data set.	Yes, the YRBS was conducted in 2021. County-level report created in 2022 on substance use measures, but not presented yet.
	Continue to develop and coordinate the Sauk County Data Council to increase data and informatics capacity to inform community health strategy, CHA, and CHIP; hold at least five (5) meetings of the Data Council.	Did not meet in 2022. Currently on hold: plan is to reconvene this group when CHIP objectives are fleshed out for each priority area, likely in May/June of 2023.
	Conduct comprehensive, inclusive, equity-focused CHIP with Healthy Sauk 2030 and the Data Council; create initial CHIP report; report progress on CHIP initiatives at least quarterly via online dashboard.	CHIP is still in progress with estimated completion date of 6/1/23, pending Action Team priorities for Mental Health and Housing; Substance Use priorities, goals, objectives, and action plans are completed. Healthy Sauk 2030 was not relaunched in 2022; instead, a community-wide event was held in November with about 85 community members attending.

GOAL	OBJECTIVE	WAS THIS OBJECTIVE REACHED?
		Yes or No (If no, please provide comment)
		No current plan to relaunch Healthy Sauk 2030.
	Work with WI DHS and local partners to develop and implement an overdose spike alert system.	Yes. DHS sends the Sauk County Spike Alert Team an email when 3 or more cases of overdose present to EMS and/or emergency department in any single day.
	Engage community members and agencies, particularly those representing populations in Sauk County experiencing health disparities, to plan, implement and evaluate the CHIP.	Yes. At least 43 people with lived experience attended meetings to plan/implement/ evaluate CHIP activities.
Enhance community engagement and community ownership over defining community health priorities and solutions.	Facilitate community and interagency collaboration through coordinating 3 teams using best practices for fostering engagement: the Sauk County Partnership for Prevention (facilitate at least 10 meetings annually); the Sauk County Overdose Death Review Team (facilitate at least 5 meetings annually); the Response Team planning group (facilitate at least 3 meetings annually); Healthy Sauk 2030 (facilitate at least 6 meetings annually); Data Council (facilitate at least 6 meetings annually); Reproductive Health Coalition (facilitate at least 6 meetings annually); Sauk Coalition on Activity and Nutrition (facilitate at least 6 meetings annually).	<p>Yes.</p> <p>Sauk County Partnership for Prevention: 12 coalition meetings and 25 committee meetings.</p> <p>Sauk County Overdose Death Review Team: 6 meetings.</p> <p>Response Teams: 6 meetings.</p> <p>Healthy Sauk 2030 and CAN Coalition stopped meeting during COVID and did not meet in 2022.</p> <p>The Reproductive Health Coalition met 4 times in 2022.</p> <p>Mental Health Action Team and Housing Action Team began meeting monthly as of 3/2022 in response to CHA report: 10 meetings each.</p> <p>Data Council: 0 meetings; will resume about 6/23 when priority objectives have been selected.</p>
Increase and diversify investment in Sauk County Public Health.	Secure at least an additional \$100,000 in external funding to support policy and systems change activities.	Yes. 4 new grants totaling \$105,400 were secured in 2022.

GOAL	OBJECTIVE	WAS THIS OBJECTIVE REACHED?
		Yes or No (If no, please provide comment)
Reduce foodborne illnesses and environmental health hazards.	Decrease priority code violations in retail food establishments by 5% by December 31, 2022.	Data unavailable. We do not have access to the updated HealthSpace programming. This objective was created with the assumption that the new system would be available in 2020, its implementation has been delayed to 2023/2024.
	Increase homes tested with REOSACC (Radon Educators of Sauk and Columbia Counties) test kits for radon from 175 to 200 by December 31, 2022.	No, 98 homes were tested in 2022.
	Reduce Legionnaires Disease by achieving board approval of Water Management Plan requirement for 100% of commercial lodging facilities in Sauk County by December 31, 2022.	No. This objective was originally created in 2020 and was not implemented due to the COVID pandemic.
	Reduce Lyme's Disease cases in Sauk County by 5% by December 31, 2022.	No. Lyme's cases increased by 25%. (In 2021 there were 67 cases, in 2022 there were 84.)
	Reduce potential for rabies exposure in licensed campground facilities in Sauk County by decreasing damaged/missing screen violations in lodging, campground and rec-ed campground establishments by 10% by December 31, 2022.	Data unavailable. We do not have access to the updated HealthSpace programming. This objective was created with the assumption that the new system would be available in 2020, its implementation has been delayed to 2023/2024.
	Prevent drownings due to entrapment in licensed pool facilities in Sauk County by decreasing VGBA main drain and equalizer violations by 25% by December 31, 2022.	Data unavailable. We do not have access to the updated HealthSpace programming. This objective was created with the assumption that the new system would be available in 2020, it's implementation has been delayed to 2023/2024.
	Attendance to at least 3 professional development training courses for 100% of EH staff.	Yes, all EH staff attended at least 3 professional development training courses in 2022.
Assure a safe well-water drinking supply for Sauk County.	Sample and test 100% of Transient Non-Community wells.	Yes
Reduce blood borne pathogen transmission from tattoo and body	Conduct 100% of routine inspections within licensing year.	Yes

GOAL	OBJECTIVE	WAS THIS OBJECTIVE REACHED?
		Yes or No (If no, please provide comment)
art procedures.		
Increase awareness of Farmers Markets to Sauk County residents.	Keep WIC Farmer's Markets webpage updated with produce availability biweekly.	Yes
	Send a minimum of 8 text message reminders to WIC participants throughout the season.	Yes
Improve breastfeeding duration rates of Women, Infants & Children (WIC) mothers.	55% of WIC mothers breastfeed until baby is 6 months old.	No, 49% of WIC mothers breastfed until baby is 6 months old.
	Provide breast feeding support, education, training, and promotion to at least 3 Sauk County employers.	No, the breastfeeding coalition focused on coalition building in 2022. With new NACCHO funding, we anticipate being able to complete this in 2023.
Maximize WIC services to WIC-eligible families.	Ensure 97% of the assigned WIC caseload participates in WIC services.	Yes, 98.1% of assigned WIC caseload participated in WIC services.
	Schedule social media posts about the WIC program bi-monthly.	Yes
	Outreach on a monthly basis to organizations, churches, schools, medical providers and other agencies that work with low-income families.	Yes

Changes / Accomplishments:

Changes:

COVID response shifted in 2022. Most programs returned to more normal operations. Reduced COVID-response staff to one COVID Nurse Manager and two Disease Investigators. WIC has remained virtual.

Accomplishments:

Sauk County was awarded the WI Healthy Communities Silver Designation by the Mobilizing Action Toward Community Health (MATCH) group at the University of Wisconsin Population Health Institute (UWPHI). For more information, visit <https://www.wihealthycommunities.org/sauk-county>

The Community Health unit established three new collaborative groups in 2022 to further address the priorities selected in our 2021 Community Health Assessment: Mental Health Action Team, Housing Action Team, and the Support People and Empower Recovery coalition.

Sauk County WIC Program received the Breastfeeding Excellence Gold Award from the U.S. Department of Agriculture, recognizing exemplary breastfeeding promotion and support activities.

The FDA Retail Food Standards are voluntary standards recommended by the FDA. Sauk County Environmental Health (EH) is leading the way in Wisconsin by completing 3 standards and is currently working on 2 more. Justin Hulsemann has participated in consulting and training for other departments that are now working on these standards. In 2022, the EH Team completed FDA Retail Food Standard 2, which requires that all inspection staff has met the FDA standards for training. EH also worked on standard 4 and 9 in 2022. Standard 4 verifies inspection consistency using evaluated inspections. With standard 9, we have implemented the use of risk control plans to reduce priority violations by encouraging business operator involvement.

On October 7, 2022, Public Health Sauk County hosted the first ever multi-county perinatal staff retreat. Home visitors, administrative and communications staff from Sauk, Juneau, Adams and Dane Counties gathered at the Aldo Leopold Foundation in Baraboo; a perfect backdrop for the day's event entitled "The Incredible Power of Gratitude" facilitated by Dr. Lucy Houghton. Participants were able to get to know their colleagues while learning strategies to incorporate gratitude into their daily lives. We are hoping to collaborate with these same colleagues in 2023 to offer a similar event.

Statistical Summary:



**PUBLIC HEALTH
SAUK COUNTY**

Together we thrive

ANNUAL REPORT 2022

Making Sauk County a healthy place to live, learn, work and play.



Health & Wellness Programs



Seal-A-Smile Program:
1,609 children screened,
1,565 fluoride treatments,
643 sealants, and
100% of children with urgent dental needs were referred
for additional care

Fit Families: 51 participants

WIC Average Monthly Case Load: 1,108

43% of WIC Farmers Market Checks Redeemed

49% of WIC Mothers Breastfeeding at 6 Months

Prenatal Care Coordination Program Babies Born: 19

Nurse Family Partnership Graduations: 42

Nurse Family Partnership Babies Born: 39

COVID Vaccines: 212 doses administered by Public Health
Sauk County



Coalitions for Community Health Improvement



2 New Community Action Teams
Created (Mental Health and Housing)

155 community members trained how to use Narcan

Community Connections: 35 families served to lessen the
impact of parental incarceration on children



Environmental Health



After an elevated blood lead level test result, 31 families
received education from a Public Health Nurse, and 4 families
had home visits conducted by an Environmental Health
Sanitarian



Radon Kits Sold: 103

Environmental Health Inspections: 1,289

Output Measures

Description	2016	2017	2018	2019	2020	2021	2022
Communicable Disease Follow-Up (Confirmed/Probable Cases)	452	461	535	463	430* (Non-COVID Communicable Diseases)	421* (Non-COVID Communicable Diseases)	378 (Non-COVID Communicable Diseases)
Lyme's Disease cases	97	99	73	68	31	67	84
Medical Vouchers Given	112	99	48	57	48	47	32
Immunizations	582	515	659	809	336* (Non-COVID Vaccines)	274* (Non-COVID Vaccines)	405* (Non-COVID Vaccines)
Tobacco Compliance Checks	63	64	64	70	N/A (not conducted due to COVID-19)	N/A (not conducted due to COVID-19)	N/A (not conducted due to COVID-19)
PNCC Admissions	23	58	33	47	21	23	28
NFP Caseload	56	68	114	122	132	125	127
# of residents connected to health services (BadgerCare Express Enrollments) through MATCH <i>*Note-Estimate as State tracking for this changed midyear. We have a new tracking system set up for this in 2023.</i>	39	39	18	10	2	11	20*
Percent of children in MCH program who receive Resource Nurse screenings to identify risks	100%	100%	100%	100%	100%	100%	100%
# of families served by Community Connections program	10	24	119	71	35	55	35
# of accidental child fatalities reviewed by the Child Death Review Team	7	7	5	6	4	5	9
# of lock boxes/bags/deactivation units dispensed to community members to safely store or deactivate prescription drugs.	N/A <i>Program began in 2018</i>		357	940	1471	1742	1086
# of people trained in Narcan and overdose death prevention	N/A <i>Program began in 2017</i>	693	416	312	279	129	155
# of overdose survivors receiving a home visit attempt from Overdose Response Team	N/A <i>Program began in 2021</i>					103	195

# of Accidental Overdose Deaths that occur in Sauk County	13	10	10	10	18	11	12* (Preliminary data)
# of suicides (suppress if under 5)	9	5	10	10	13	19	15* (Preliminary data)
# of Preparedness Exercises, Trainings and Meetings Facilitated	27	82	86	89	217 (increased due to COVID-19)	511 (increased due to COVID-19)	34
# of CHA/CHIP meetings facilitated	N/A New measure in 2021					22	66
Seal-A-Smile Screenings *Note-Paused from March 2020-August 2021 due to COVID-19	1129	1447	1649	2118	734*	1024*	1609
Seal-A-Smile Sealants *Note-Paused from March 2020-August 2021 due to COVID-19	614	573	631	660	194*	417*	643
Seal-A-Smile Fluoride Varnish Applications *Note-Paused from March 2020-August 2021 due to COVID-19	1824	1418	2959	3323	1148*	991*	1565
Rural Safety Day Attendance (# of children)	766	799	778	733	N/A (Rural Safety Days was not held due to COVID-19)	1,002 (Virtual Event, included 4 th graders who missed last year)	550 (back to in person, however, due to severe weather, had to cancel one day)
Child Safety Devices Given (Car Seats and Cribs)	70	85	102	108	67	59	119
WIC Caseload (Average/Month)	1197	1178	1183	1133	1139	1092	1108
# of WIC children (0-5) screened for elevated blood lead levels *Note-in 2020 changed from reporting WIC children screened to all children in Sauk County screened as WIC nationwide paused in-person appointments due to COVID response. Primary care providers have continued to screen for elevated blood lead levels.	396	426	395	357	487 (80 children screened by WIC)	470 (0 children screened by WIC)	502 (0 children screened by WIC)
Fit Families Grant Enrollees	N/A	N/A	51	52	54	50	51
Worksite Wellness Activities	N/A New measure in 2022						6
DATCP Routine Inspections	163	799	1237	1256	1086	1104	1289
DNR Well Water Inspections	141	141	139	143	134	140	142
# of Environmental Health Hazard investigations conducted	N/A New measure in 2022						22
# of radon educational contacts	56	85	65	258	179	153	118

# of radon kits distributed	40	79	145	128	104	66	103
# of new commercial lodging facilities associated with a case(s) of Legionnaire's Disease	0	0	0	2	0	0	0
# of trainings Environmental Health Staff attended	N/A <i>New measure in 2022</i>						28
# of Food Services Establishment Violations issued	N/A <i>New measure in 2022</i>						<i>Data unavailable due to delay in Health Space tracking program</i>

Outcome and Efficiency Measures

Description	2016	2017	2018	2019	2020	2021	2022
Children who have completed primary immunizations by their 24 th month	66%	64%	66%	68%	63%	64%	64%
Youth Alcohol Use <i>(High School YRBS Data, Survey conducted every other year)</i>	N/A	27%	N/A	43%	N/A	29%	N/A
Youth Vaping <i>(High School YRBS Data, Survey conducted every other year)</i>	N/A	18%	N/A	26%	N/A	34%	N/A
# Children with elevated blood lead levels <i>*Note-in 2023 the blood lead reference value was lowered from 5 µg/dL to 3.5 µg/dL)</i>	11	16	25	23	14	10	31*
% of children with elevated blood lead levels that have been investigated and abated, mitigated, or relocated.	100%	100%	100%	100%	100%	100%	100%
Communications: Public Health website visits	N/A <i>New measure in 2021</i>						474,630 150,806
Sexually Transmitted Infections (case count and case rate/100,000 population)	249 cases 422 per 100,000 population	269 cases 456 per 100,000 population	284 cases 481 per 100,000 population	279 cases 473 per 100,000 population	247 cases 388 per 100,000 population	297 cases 470 per 100,000 population	263 cases 416 per 100,000 population
% of NFP families with another pregnancy within 2 years of previous pregnancy. Benchmark is less than 25%.	N/A	N/A	41%	44%	20%	26%	33%
% of NFP children that are up-to-date with immunizations at 24 months	N/A	64%	80%	100%	80%	70%	76%

NFP client retention rate during pregnancy phase	N/A	81%	86%	91.1%	87%	82%	80%
NFP Graduation Rates <i>*2021 graduation rates impacted by staff turnover in NFP Nurse Position in 2020</i>	N/A	N/A	76%	76%	76%	59%*	66%
WIC Participation Rate <i>State average prior to COVID was 91.6%. Transitioning to virtual visits has increased WIC participation statewide, is now 94.3%</i>	94.6%	95.6%	96%	97%	97.3%	97.6%	98.1%
WIC Breastfeeding rate at 6 months. <i>State average is 36.8% *2021 decrease due to staff turnover in Peer Counselor Position</i>	53.5%	48.1%	50%	56%	54.9%	51.2%*	49%
Fit Families participants that met objective of 1 or less sweetened beverage per week	N/A	99%	100%	85%	75%	84%	<i>Data not available yet</i>
Fit Families-% of children completing the program who engaged in 60 minutes of physical activity each day	N/A	95%	98%	98%	90%	100%	<i>Data not available yet</i>
Farmer Market Redemption Rates (Cashed) <i>*In 2021 every participant over age 1 received their own Farmers Market checks vs a set amount for each family</i>	54%	56%	55%	55%	50%	44%*	43%
% of establishments inspected through DATCP program	100%	100%	100%	100%	100%	100%	100%
% of qualified wells tested through DNR Well Water Program <i>*In 2020 some were unable to be inspected due to COVID-19 closures</i>	100%	100%	100%	100%	95%*	100%	100%
% of Body Art establishments inspected	100%	100%	100%	100%	100%	100%	100%
% of radon test results above recommended EPA action levels	48%	37%	36%	34%	30%	38%	55%
% of Human Health Hazards (HHH) resolved within 14 days of a positive determination	N/A <i>New measure in 2022</i>						23%
% of violations in complex food establishments	N/A <i>New measure in 2022</i>						<i>Data unavailable due to delay in Health Space tracking program</i>