

2015

Annual Report to the Community

Bloomington Division of Public Health

Serving Bloomington, Edina and Richfield

Where You Live Matters...



Bonnie Paulsen

Bonnie Paulsen, Public Health Administrator

July 2016

It has been another very busy year at Public Health. Our biggest accomplishment started in 2014 and culminated this year by becoming a *Nationally Accredited Public Health Department*. We are one of only seven other agencies accredited in the State of Minnesota, and only one of 151 agencies across the nation. This puts us in good company and shows the strength of our agency and the work we do for the residents of Bloomington, Edina and Richfield.

The theme of this year's annual report is "Where You Live Matters." Over the past decade there has been realization that our health is a reflection of the environments where we live, work and play. We know that our genetic makeup only accounts for 10 percent of our health and clinical care helps another 10 percent. But the vast majority of our health – 70 percent – can be attributed to our social and economic status and our health behaviors.

A healthy life expectancy is how many healthy years you can expect to live after you reach 65. We have data that shows there can be up to a 13 year difference in life expectancy based on where people live – sometimes less than three miles apart. This further supports the knowledge of where you live matters to you and a healthy life.

Public Health is working on making your environment a place where *everyone* can be healthy. While we work with individuals, we also work on changes to the policies, planning and practices at the City level. This approach, a health in all policies approach, will help you in making the healthy choice the easy choice.

Again, I want to thank the staff at Bloomington Public Health. They are the shining stars of the work we do. Our agency is where we are because we have a caring, compassionate and engaged staff, and your ability to be healthy is greater because they are working on your behalf.

Table of Contents

Where You Live Matters to Your Health	3
Promote	7
Protect	11
Improve	15
Behind the Scenes	19
2015 Financials	21
2015 Staffing	22
2015 Service Numbers	23
Who We Are/Mission	Back Cover



Where You Live Matters to

Public Health is here to be part of the process that assures where you live supports your health.

Surroundings must support healthy behavior

Your choice to practice healthy behaviors will only be successful if your surroundings support your choice. To eat healthy you must be able to get fresh produce. To get regular exercise you must be near safe green spaces where you can walk, bicycle or play. To breathe fresh air you need to have a home that is free of mold, cigarette smoke and other airborne health hazards. You must also have care for your health when you need it.

Decisions determine surroundings

Having support for good health in your surroundings is a result of decisions that people have made or will make. These can be decisions like where to place roads, parks, farmers markets and supermarkets. The decisions can also be about how much money to use for things like public transportation, housing, education and assistance programs. There are also decisions about laws to protect our health, like alcohol and tobacco laws that protect youth.

Striving for a healthy community guides our decisions

Without meaning to, well-intended decisions from the past have made good health harder for groups of people in the present. An example could be freeways that become a barrier for some people to grocery stores and playgrounds. When groups of people suffer poor health because of conditions where they live, we call it health inequity. The good news is that we can change these conditions when we partner with community schools, organizations, businesses and city government.

Your Health

In the process we strive to <u>promote</u>, <u>protect</u> and <u>improve</u> the health of our community.



To promote

We work with community partners to **create the settings** in your surroundings and in your homes that support lifelong health by reducing risks for cancer, heart disease, and diabetes. For young families and seniors, we provide assistance that is important to special health needs.



To protect

We seek to **assure a high level of protection** from health threats, including communicable diseases, natural and intentional disasters and preventable injuries. Protection also comes from assuring you have a way to get health care when needed.



To improve

We use proven practices to **raise** the level of health in our community over time.

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., ANRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User



And we seek solutions to our health challenges.

A community with greater income inequality has greater health challenges

Income equality assures better health for everyone. Hennepin County is one of the counties in Minnesota with greatest income *inequality*.* Income inequality is the difference in income between people with the most and least income.

Income inequality affects health in many different ways. For example, in a community it can increase the risk of dying early, having poor health, and being diagnosed with heart disease. Income inequalities in a community can make differences in social class and status more visible. However, if we can make these differences less visible, we may be able to reduce the tension and feelings of mistrust that income inequality produces. If we do this, it may be possible for all residents to feel a sense of community and support that promotes wellbeing.

Communities can work together to narrow the gap between people with the most and least income. One of the ways we can do this by investing in policies, programs, and plans that give everyone the opportunity to be healthy.

*Income Inequality is the ratio of household income at the 80th percentile to that at the 20th percentile. A higher inequality ratio Indicates greater division between the top and bottom ends of the income spectrum.

Source: Robert Woods Johnson Foundation, 2016

Less than 10%

10%-20%

20%-30%

30%-40%

40% and Greater

Legend

Bloomington, Edina and Richfield Percent of Total Population Living at 185% and Below Poverty



What are poverty guidelines used for?

The Department of Health and Human Services poverty guidelines, including percentages such as 185%, are used to determine eligibility for a number of federal program. Examples include Head Start, Children's Health Insurance Program, Supplemental Nutrition Assistance Program, National School Lunch Program and Special Supplemental Nutrition Program for Women, Infants and Children.



More Black and Latino community members live in rental housing than White community members.



Provide a setting in multi-unit rental housing for health equity

Non-smokers in multi-unit housing can still be exposed to the health hazards of secondhand smoke. This creates health inequity in our community because more Blacks and Hispanics or Latinos live in rental housing. Children living there may have more ear infections, respiratory infections and asthma problems. Adults have a greater risk for heart disease, lung cancer and stroke.

A SOLUTION Help more rental properties to become

smoke free

Bloomington Public Health and the Association for Non-Smokers MN (ANSR) are working together with SHIP (Statewide Health Improvement Program) support to help more multi-unit property owners adopt smoke-free policies.

Less than half of rental properties are smoke-free.



Richfield - 33% smoke-free



Somali childcare staff training in "I Am Moving I Am Learning"

OUTCOMES IN "PROMOTE"

- 770 Latino and Somali children are getting Early Childhood Education to support an early start at healthy behavior and success in school.*
- Richfield and Bloomington youth have greater protection from accessing tobacco products with new ordinances that strengthen tobacco policies.*
- **117 multi-unit properties** in Bloomington, Edina and Richfield are smoke-free.*
- 14,500 students in Bloomington and Richfield schools have support to promote and protect health, well-being and ability to learn from updated school district wellness policies for healthy eating and physical activity.*
- All visitors to City of Bloomington facilities with concessions have healthier food options due to a City Nutrition Policy. A Tobacco Policy protects all visitors to City facilities and grounds from tobacco fumes.*

Early Childhood Education in Somali Childcare Center Supported by Physical Activity Training

"Childcare staff at two Somali childcare centers told us children didn't get enough play time at home and this caused difficult behavior during the day. It is also a health problem.

To help them change this situation, we trained the childcare staff to add physical activity into their daily childcare routine using the "I Am Moving I Am Learning" curriculum. In addition to adding physical activity and improving behavior, the training also taught teachers how to help children with early learning to prepare them for school."

Bloomington Public Health Staff Member



Healthier food choice at Dwan Golf Course

*Made possible through support from the Statewide Health Improvement Program, Minnesota Department of Health

Promote



"I was very sad because a lot of my friends are dying and I didn't realize how much it affected me."

We are here to act on their behalf—to locate assistance and resources that will help them get their lives back.

One of our nurses found an elderly lady, Dorothy, living alone in her home with two feet of garbage in the kitchen. There was clutter, garbage and pet feces and urine throughout the house. There was no working plumbing in the bathrooms, and water had not been used in the last three months.

We want our elderly community members to be well-cared for and live with dignity. However, when they become isolated and out of touch with the rest of the world like Dorothy, it is easy for life to get out of hand. Day-to-day living can become unmanageable. Physical and mental health can deteriorate. We are here to act on their behalf—to locate assistance and resources that will help them get their lives back. That is what happened for Dorothy after that first visit our nurse made along with the Richfield Code Enforcement Officer and City Code Inspector.

Dorothy had very swollen legs and could barely walk. She appeared confused when our nurse asked some basic questions. An ambulance took Dorothy to the hospital after the Emergency Services Technician arrived and determined she needed medical attention. When Dorothy's condition was stable, she transferred to a transitional care facility. Our nurse visited Dorothy at the care facility along with the facility's social worker. Our nurse provided Dorothy with resources to get her home cleaned and repaired.

When our nurse visited with Dorothy at the care facility, Dorothy told our nurse she started taking medication for depression and heart problems. Our nurse noted how Dorothy appeared very clear in her thinking at that time. Dorothy said, "I was very sad because a lot of my friends are dying and I didn't realize how much it affected me."

Dorothy hired a professional cleaning service, had her plumbing restored and after several weeks returned to her home. Dorothy won't be alone and isolated any longer. Our nurse will continue to make visits and offer support and resources. Best of all, Dorothy got her life back.

To protect this woman's identity, we did not use her real name and image for this story.





More than one guarter of our residents are a racial/ethnic minority.



American, 6.7%

Islander, 7.1% Native, 0.4%

*Based on combined population data from Bureau of Census for Bloomington, Edina and Richfield, 2011-2013

A SOLUTION

Help mothers breastfeed to protect their babies' health.

The cells, hormones, and antibodies in breastmilk protect babies from illness and disease, including asthma, type 2 diabetes, sudden infant death syndrome and others. Our breastfeeding peer counselor program has received statewide recognition for achieving breastfeeding initiation rates that surpass national goals. Because the program decreases differences in breastfeeding rates between racial and ethnic groups, it promotes health equity in our community.

CHALLENGE

Protect minority residents from health threats that contribute to health inequity.

Low birth weight is a health threat that contributes to health inequity in our community. Low birth weight causes infant deaths and health and developmental complications. Mothers from a racial/ ethnic minority are more likely to have low birth weight babies. Black/African American mothers are almost two times more likely to have a low birth weight baby than White mothers (Minnesota Department of Health, 2010-2014).

Peer breastfeeding support decreases differences between racial/ethnic groups.



Breastfeeding Initiation in WIC Program

OUTCOMES IN "PROTECT"

- 4 out of 301 women, who were screened for breast cancer at Sage Clinic because they did not have adequate health insurance, learned they had breast cancer. Sage staff helped them find resources for treatment.
- Bloomington has 3,500 residents trained in Anytime CPR, has located 126 automated electronic defibrillators in public facilities and has met criteria related to recognizing, caring for and protecting sudden cardiac arrest victims in order to receive Heart Safe Community designation in 2015.
- Trained nearly 20 area Somali residents for CERT (Community Emergency Response Team). CERT training provided them with basic skills to protect and respond to urgent needs of their community after a disaster.

Sage Clinic

"I want to thank everyone at Sage Clinic for their help and service. You made the process of enrolling in the program so very easy. Everyone at the clinic is unbelievably caring and comforting. I am proud to say that I have been cancer free for several years. I am so grateful to have a program like yours that is available to women who are uninsured."

"I am very grateful for the services at Sage Women's Clinic. Without insurance, it is a nightmare to be seen for these services. This program is a blessing."

"Wonderful staff and great service. What a wonderful experience. Thank you so very much!"

Three Sage Clinic clients



Breastfeeding peer counselors and families in the program gather yearly during World Breastfeeding Week, August 1-7, to celebrate.









SHOW THE RIGHT BEHAVIOR Watch for other street users when making right

Get more tips for Motorists, Bicyclists and Pedestrians at www.EdinaMN.gov.



Made possible through support from the Statewide Health Improvement Program, Minnesota Department of Health.



City officials heard about residents' safety concerns and how some bicyclists were not following the rules of the road.

Community outreach focuses on safety and respect for bikers, walkers and motorists

Safety on Edina roads and walkways is a concern among the city's leaders and residents. Added sidewalks and bike facilities offer more opportunities for healthy living, yet as more bikers, walkers and motorists mix, it became necessary to educate people on safety and the rules of the road.

CHALLENGE

Edina recently added pathways for bicyclists and pedestrians. A result was that safety issues became more obvious to residents. City officials heard about residents' safety concerns and how some bicyclists were not following the rules of the road.

SOLUTION

Responding to concerns, staff from the city's Engineering, Police, Communications and Administration offices teamed up to plan "Edina Street Smarts," a street safety/education campaign. The effort received support from SHIP.

The planning team based "Edina Street Smarts" on Edina's needs and research of similar successful campaigns around the country. "Edina Street Smarts" was in effect from spring through fall 2015 and may be repeated. It consisted of eight monthly educational messages throughout Edina. The campaign used the city's website and social media, press releases, newspaper ads, YouTube videos and posters at city facilities and local businesses.

RESULTS

The campaign aimed to improve safety and raise awareness about the need for safe behaviors by drivers, pedestrians and bicyclists. Residents reported that they saw the messages and were satisfied with the results.

The Division of Public Health's work with the City of Edina continued when it helped plan and execute Edina's first Open Streets event on September 27, 2015. Open Streets events are increasing in popularity and are viewed as a way to promote health and wellness, active transportation, local business and community building. More than 9,000 people and 80 vendors participated in the Edina event. Participants rode bikes, walked, scootered, rollerbladed, danced and skipped down a one-mile stretch of West 50th Street from Browndale Avenue in Edina to Beard Avenue in Minneapolis.



COMMUNITY SNAPSHOT

Compared to MN, a greater percentage of local families with children are eligible for food help.

Students Enrolled in Free or Reduced Lunch PreK thru 12th Grade 2014-2015



Reduce the impact of low income and other conditions related to health inequities in order to improve physical and mental health

Studies show us that low income and health problems such as obesity go hand in hand, but they don't have to. This creates health inequity in our community and is something we must work to end.

A SOLUTION

Use practices with proven results

All of our services use evidence-based practices. For example, we provide the WIC (Women, Infants and Children) program to low-income families during pregnancy and early childhood. WIC provides nutritious foods and nutrition counseling at a critical stage for optimal growth and development. It has proven to decrease low birth weights and pre-term births. It helps women succeed at breastfeeding and gives children a healthy start in life.

Obesity is more prevalent in Black/African American and Hispanic/Latino residents.





School Breakfast Study (Photo credit: Westwood Elementary School)

School Breakfast Study

"Some of our teachers said children were coming to school without breakfast and asking when their next meal would be. Undernourished children often have low energy, are irritable and have difficulty concentrating. We wanted to do something that could make a difference for these students." *Westwood Elementary Principal, Carolyn Hartwigsen*

"I did have one student who would "save" food to take home to share with his mom and grandma. If he saw kids going to the trash can with an uneaten apple, he would politely ask if he could have it. This one child and how he benefited from having breakfast (in the classroom) daily made this whole project worthwhile." *Westwood Elementary Teacher*

- Completed a SHIP-funded School Breakfast Study with 60 elementary school students that demonstrated the importance of school breakfast to reduce absence and tardiness and improve classroom behavior.
- 24,800 Latino/Hispanic and Black/African American community members have access to a variety of culturally appropriate wellness opportunities through cultural health hubs that will improve health.
- 51 Healthy Families America participants demonstrated success at fostering healthy childhood development which will improve their future potential.
- 90 percent of pregnant women on our Women, Infants and Children program breastfeed their babies, which is greater than the State rate of 81 percent. Breastfeeding provides proven health benefits.



WIC Peer Breastfeeding Program participant. Breastfeeding is an infant feeding best practice.

- Improve



"I think we are starting to get the hang of it and my son is happier for it!"

"I feel I am a better mom to my son because of it."

"Thank you for providing this (Healthy Families America*) service. I feel I am a better mom to my son because of it. With each visit, my nurse leaves me with something new to think about, experiment with or just plain old tells me I am doing something right.

She knew when to pick up the phone for me when I needed extra help with postpartum depression and breastfeeding and helped me understand that I was not alone in my feelings as a new mom. She is excited to see my son each and every visit and makes us feel special! I love learning new ways to gently help my son learn a new skill and the weekly reminders to help me work on my goals with him.

She has been my cheerleader and one of my support people for when I feel sad, anxious and judged by others for my parenting decisions. I know my son better with each visit because of the information on his cues, wants and needs. We are currently working on reading his nap time cues and trying to find a routine of play, sleep and eat. As easy as that sounds, it is all new to me. I think we are starting to get the hang of it and my son is happier for it!"

Anonymous Bloomington, Edina, Richfield Healthy Families America Participant

*Bloomington Public Health data from 2015 show significant success at promoting healthy childhood development for children enrolled in this evidence-based, accredited, home-visiting program.

Behind the Scenes

Accreditation

We recently joined the 151 of local public health agencies in the nation that are accredited. We are one of seven in Minnesota that is accredited.

Accreditation was a great way for us to benchmark our work against a set of national standards. Doing so also allowed us to improve our internal processes and deepen the role of quality improvement and performance management in our agency.

As we look back on the work it took to get to this point, we are excited about the revamped foundation for continued agency growth. We have learned more about our strengths and weaknesses, have a process for continuous improvement and stronger connections with all of our stakeholders.

We could not have gotten to this point without the hard work of our staff and our stakeholders! Our work does not end here; we will be doing annual reports to the Public Health Accreditation Board (PHAB) and going through reaccreditation every five years.



Advancing public health performance

Strategic Plan And Performance Management



*Strategic Plan 2013–2018 Goals

ਕੂ=

Strengthen efficient and effective **day-to-day operations**.

Ensure a competent **workforce that has the capacity to accomplish** the Division's mission.

Improve systems to **demonstrate and measure outcomes**.

Increase the Division's ability to **effectively engage the community**.

Ensure sustainable, adequate public health funding.



2015 Staffing

Distribution of Employees

53 Staff 38 Full-Time Equivalents



Public Health Division Employees

- 1 Administrator
- 1 Assistant Administrator
- 3 Program Managers
- 17 Public Health Nurses
- 1 Registered Nurse
- 2 Nurse Practitioners
- 6 Dietitians
- 5 Health Promotion Specialists
- 1 Speech/Language Pathologist

Contracted Health Professionals

2 Physicians

- 2 Translators/Community Resource Specialists
- 1 Communications & Health Promotion Specialist
- 1 Public Health Planner
- 1 Accountant
- 1 Account Clerk
- 1 Office Supervisor
- 1 Office Support Specialist
- 3 Office Assistants
- 5 Peer Breastfeeding Counselors

2015 Service Numbers

ASSURING QUALITY AND ACCESSIBILITY 2015		Bloomington	Edina	Richfield	Other Cities		
	WOMEN'S BREAST AND CERVICAL CANCER SCREENING Sage Program for uninsured and under-insured women age 40 and older.	# clients	58	19	18	301	
	WIC (WOMEN, INFANTS, AND CHILDREN) For nutritionally at-risk pregnant and breastfeeding women and children up to five years of age. Provides nutrition education, food vouchers, and breastfeed- ing support and counseling.	# clients	2335	335	1465	NA	

Breast and Cervical Cancer Screening



Women still need Sage Program services

Fewer women sought Sage Program services once the Affordable Care Act was implemented. As a result, the Sage Clinic at Southdale Medical center had to shut down. However, there are women in our community who still depend on these free breast and cervical cancer screenings. Bloomington Public Health decided it must continue providing services to these women by relocating to the Public Health Center in 2016.

IMPROVING THE HEALTH OF FAMILIES 2015		Bloomington	Edina	Richfield	Eden Prairie
SCHOOL HEALTH SERVICES					
• HEAD START Child health and developmental screening.	# screenings	50	12	78	NA
• SOUTH EDUCATION CENTER ALTERNATIVE On-site school visits with families and monthly childcare consultations.		26 families/36 clients 129 visits			
• FAMILY LITERACY ACADEMY Nurses teach immigrant families how to navigate systems such as healthcare, schools and community resources.	<i># clients/ # visits</i>	46/10	NA	40/10	NA
CHILD CARE CENTER/CONSULTATIONS Monthly health and safety consultations with daycare center staff and directors. <i>Discontinued after January except at SECA in Richfield.</i>	<i># visits/ # centers</i>	NA	NA	10/1	NA
HELP ME GROW SOUTH HENNEPIN Families with concerns about their children's (age 0-3 years) development can access resources for help so children are ready for kindergarten. Nurses assist families through the process and collaborate with Bloomington, Edina, Richfield and Eden Prairie school districts. (Edina contract ended June 30, 2015.)	# referrals/ # visits	181/ 354	35/ 86	81/ 116	154/ 273
FOLLOW-ALONG PROGRAM Helps parents know if their children's (age 0-3 years) development (playing, talking, laughing, moving, growing) is age-appropriate through periodic questionnaires.	# children enrolled	209	62	138	55
VISITS TO FAMILIES					
 PUBLIC HEALTH NURSE HOME VISITS Visits made for pregnancy, post-partum and newborn care, child development, parenting concerns and help with community resources. 	<i># clients/ # visits</i>	221/ 656	33/ 48	168/ 422	NA
• INTENSIVE PUBLIC HEALTH NURSE HOME VISITS Visits to at-risk families, post-partum and newborn care.	<i># clients/ # visits</i>	52/ 579	8/ 138	51/ 682	NA
 BIRTH CERTIFICATE FOLLOW-UP Information provided to families with new babies. Invited to enroll in Follow-Along Program. Home visits offered. 	# newborns	750	356	468	NA
• COMMUNITY RESOURCE SPECIALIST Bilingual, Spanish-speaking staff provide resources to families.	# home visits	547	122	692	104
FAMILY SUPPORT PROGRAM Nurses review police reports to assure families and individuals are linked with needed resources and healthcare. Program funded by United Way.	# reports reviewed	303	138	6	NA

PROMOTING HEALTH IN THE COMMUNITY 2015		Bloomington and other cities	Edina	Richfield
CLASSES AND OUTREACH <i>Directed to students.</i> Information on preventing tobacco, drug and alcohol use; early sexual activity; teen pregnancy; sexually transmitted infections and other risk behaviors. Healthy behaviors, such as increasing physical activity and healthy nutrition, are promoted.	<i># student attendees</i>	2805	812	217
EDUCATIONAL PRESENTATIONS Directed to parents, adults, community members. Information on healthy behaviors, asset building, limit setting, alcohol, tobacco, other drugs and laws involving youth.	# attendees	763	188	198
CAR SEATS Nationally certified child passenger safety technicians provide car seats and education to assure proper use by parents and children.	<i># car seats provided</i>	89	5	27

IMPROVING THE HEALTH OF SENIORS 2015		Bloomington	Edina	Richfield
TALK WITH THE NURSE / SENIOR HEALTH PROMOTION Sessions held at community locations provide one-on-one consultation with a Public Health Nurse. "Talks" include issues such as blood pressure, healthy living tips, medication review, safety, active aging, community resources and staying independent.	<i># clients/</i> <i># visits</i>	211/ 1000	39/ 131	67/ 272
HIGH-RISK HOME ASSESSMENT Public Health Nurses assess physical, psychosocial, and environmental risk factors and provide referrals, consultation, education and advocacy for vulnerable seniors.	<i># clients/ # visits</i>	93/ 275	62/ 130	8/ 53
HEARING SCREENINGS FOR SENIORS Public Health Nurses offer hearing screening for seniors in conjunction with blood pressure checks.	# screenings	6	32	NA

PREVENTING INFECTIOUS DISEASE 2015		Bloomington	Edina	Richfield	Other Cities
INFLUENZA Flu shots for adults and children administered on- and off-site.	# seasonal flu shots	2083	686	322	125
CHILDHOOD IMMUNIZATIONS (0-18 YEARS) Immunizations for tetanus, diphtheria, pertussis, measles, mumps, rubella, hepatitis B, polio, Hib, varicella and pneumococcal disease.	<i># clients/ # shots</i>	78/ 236	17/ 43	19/ 67	51/ 157
ADULT IMMUNIZATIONS Immunizations for tetanus, hepatitis B, hepatitis A, polio and pneumococcal disease.	# clients/ # shots	40 93	10 30	6 23	33 91
MANTOUX Tuberculosis testing for employers, employees, students, immigrants and job seekers.	# tests	136	7	11	106

Immunizations



Influenza

We fill the gaps in protection from infectious disease

Fewer people are coming to the Public Health Center for immunizations, yet many people still need this service. Public Health remains a "safety net" for those who have no other resources for immunizations. We provide a greater number of flu shots because we partner with schools, senior centers and other community organizations yearly to enable a greater level of community protection. All community members 6 months of age and older need yearly flu shots.



Who We Are

Our agency originated in 1948 to provide school nursing services. In 1960 we were established as a community-based public health division for the City of Bloomington. Beginning in 1977, our services have been contracted by the cities of Richfield and Edina. We have been providing health services and programs for people who live, work and play in Bloomington.



Bloomington Public Health • 1900 W. Old Shakopee Road • Bloomington, MN 55431 (952) 563-8900 • V/TTY 952-563-8900 • publichealth@BloomingtonMN.gov www.BloomingtonMN.gov/publichealth

