

# Health Department

Results Minneapolis report

2017

# Overview of 2016 and looking forward to 2017-18

## Successes in 2016

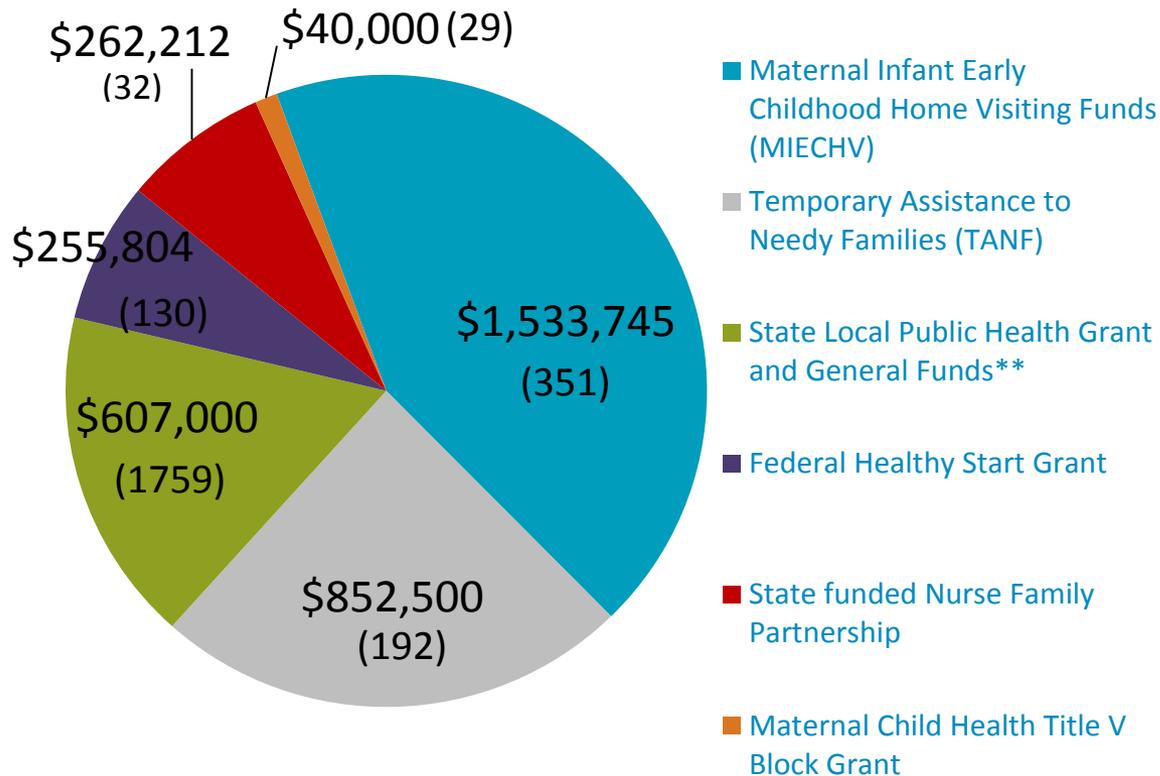
- Achieved national public health accreditation
- Increased the amount of competitive grants received by 30% over 2015
- Reduced pollution in the city by 60,000 lbs
- Launched the Next Steps hospital-based youth violence intervention program
- Expanded culturally and linguistically appropriate food handler training
- Ordinance change on flavored tobacco products to reduce youth smoking
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## Challenges and Opportunities in 2017-18

- Uncertain policy and funding environment at the state and federal levels
- Changes to national health care and potential impact on safety net services
- Well-being of our immigrant communities in a time of national fear and distrust
- Continued implementation of ELMS
- Development of health components for the comprehensive plan
- Preparation for large events like the Super Bowl
- Implement new approaches to youth violence prevention
- Succession planning

# Healthy start to life and learning

## Prenatal and Early Childhood Home Visiting Funds (and number of families served\*)



Home visiting and case management services were provided to 2461 low-income families in 2016.

To provide these services, \$3.5 million was aggregated from federal, state, and city funds which is almost a 25% increase (\$700,000) from 2015.

About one-fifth or 513 families were in programs that offer intensive services during pregnancy and for 2-3 years after childbirth. This number represents only a small proportion (about 10% or less) of the 6,400 families that could benefit from these programs each year and is similar to 2015.

\* A family may consist of a pregnant woman or a mother with children up to age 2 or 3 depending on the program. Some recipients are served through multiple funding sources.

\*\* Less-intensive, shorter term home visiting services. This funding will be mostly allocated to support evidenced based models in 2017.

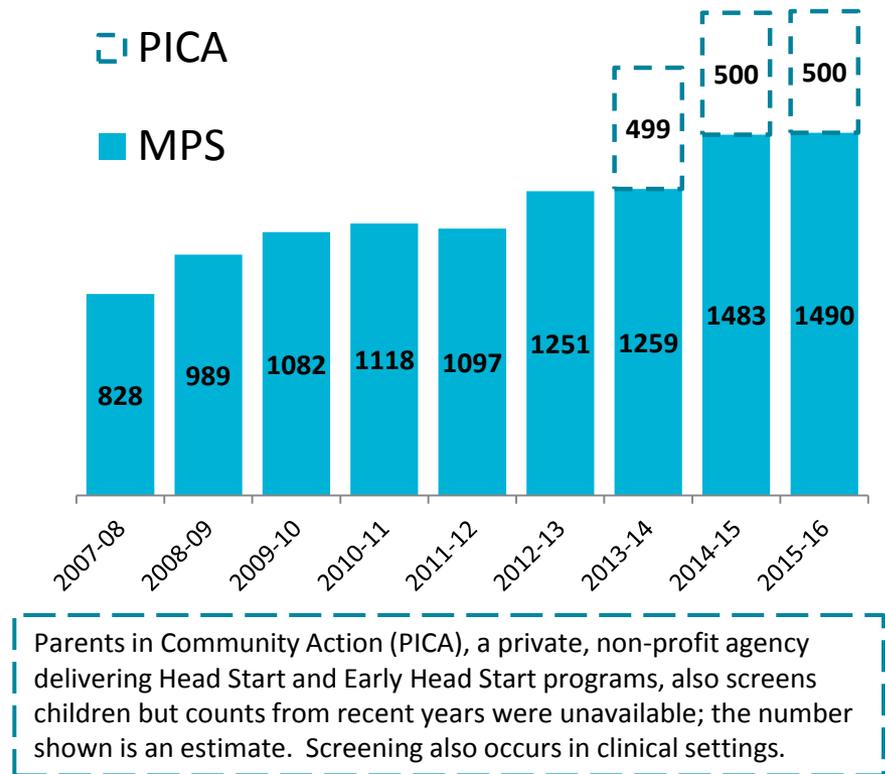
# Healthy start to life and learning

## Early childhood screening

The Health Department is one of several sources of funding for early childhood screening. Minneapolis Public Schools (MPS) screened 1,490 three-year-olds out of an estimated 6000 children during the 2015-16 school year—a 1% increase from the previous year while maintaining the 16% increase from the previous year.

Early childhood screening, especially when completed by age three, helps children be ready for school. When developmental concerns are identified early, community resources can be mobilized to support parents and children in school readiness.

Close the Loop started as a collaboration between MPS and the Health Department and has grown to include 46 organizations and 65 program sites that work with MPS on these efforts. The purpose is to increase screening in all settings and ensure follow-through when screening leads to referrals for clinical assessment and/or early learning programming. Health Department staff remains involved to represent health concerns of Minneapolis children



# Thriving youth and young adults

## School Based Clinics

### 2016 services

Total clients	2,569
Total visits	12,856
Mental health clients	511
Lunchroom & health fair presentations	306
Classroom presentations	358
Students attending presentations	9000

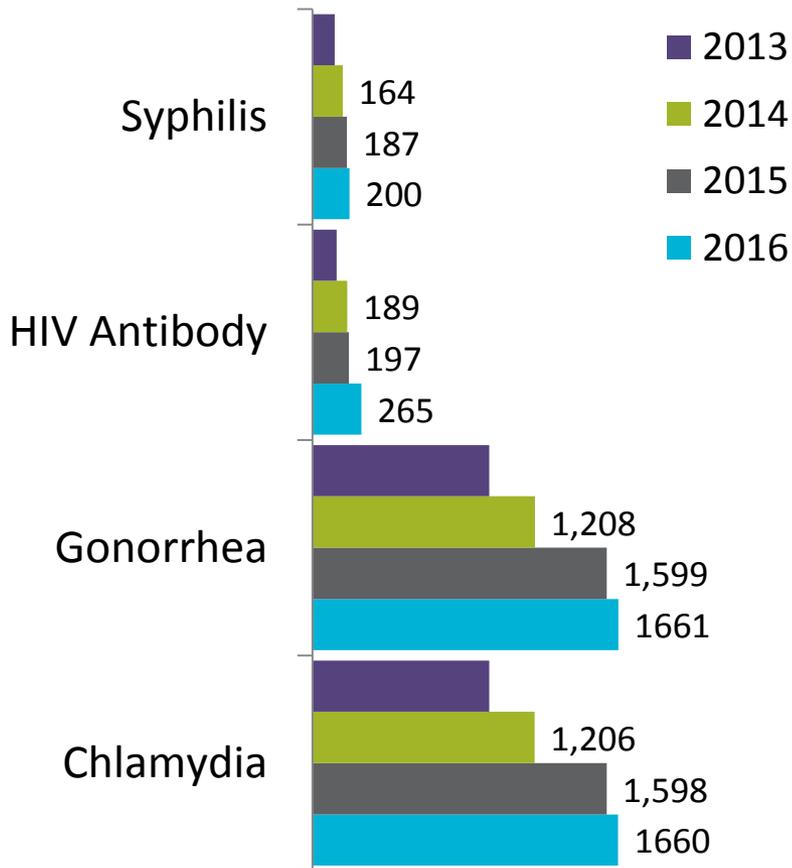
The SBCs continue to provide comprehensive mental health, reproductive services, physical health and health education services to diverse adolescents in 7 high schools. The SBCs increased its outreach through classroom and lunchroom presentations in 2016 to reached over 9000 youth, a 25%increase from the previous year.

Increases were also seen in visits by Hispanic students, the number of young women adopting the most effective contraceptive methods, and the number of visits for condoms.

Three-fourths of SBC clients were students of color. In response to a satisfaction survey, 100% of clients said they would visit the clinic again.

# Thriving youth and young adults

## STI tests at School Based Clinics



In 2016, the number of tests for sexually transmitted infections (STIs) maintained high testing rates.

Staff developed new strategies and protocols to promote testing at visits, including drop-in testing days, and held special testing events outside the clinic setting.

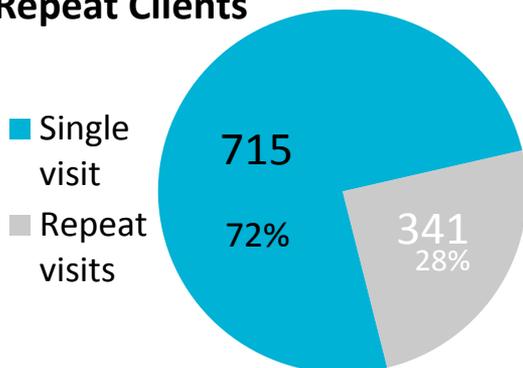
These efforts increased not only the number of tests but also the number of males and Latinos tested. They also expanded reproductive health education opportunities.

# Thriving youth and young adults

## Youth development & violence prevention

Community connections with young people	Attendees
Pop-Up Parks	3,329
Blueprint Approved Institute Events Hosted	846
Bridges to Manhood Conference	215
Youth Violence Prevention Week	605
Childhood Exposure to Violence Activities	240

### Juvenile Supervision Center 2016 Repeat Clients



Expanding connection to community agencies, the Blueprint Approved Institute provided grant writing, model programs, program evaluation, and community engagement training for 10 community organizations in 2016. As part of the Institute each organization developed youth leadership groups and hosted a summer community event.

To further our goal to intervene at the first sign of risk, Inspiring Youth provided individualized services for 66 youth at risk of experiencing violence in 2016, an increase of 15% from 2015.

Next Step, a hospital-based violence intervention program, launched in July 2016. The program, a partnership with HCMC, supports victims of violent injuries as they heal through trauma, works to interrupt the cycle of recurrent community violence, and makes our community safer.

In 2016, 72% of youth visiting the Juvenile Supervision Center had only one visit, a similar rate to the previous 5 years. Among youth who participated in JSC aftercare case management services, 94% did not re-enter the within 6 months of case completion, exceeding the performance measure target of 70%.

# Healthy weight and smoke-free living

## Tobacco Reduction Efforts

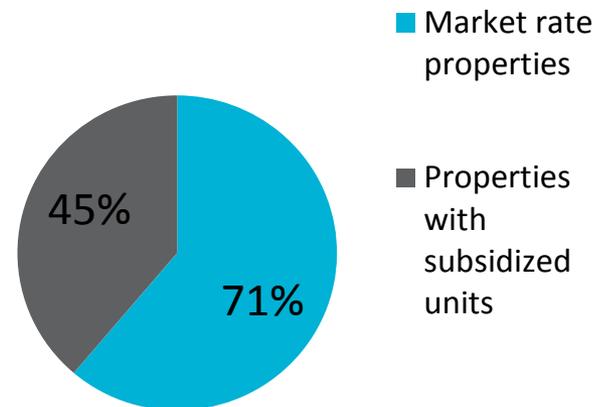
### Recent smoke free housing activities

- 2016 property survey that revealed fewer smoke-free options for low-income renters.
- Assistance in adopting smoke free policies at 77 properties
- Smoke-free housing campaign for landlords and tenants
- Support to Minneapolis Public Housing Authority for expanding smoke free policy to Glendale Townhomes and 1000+ scattered sites.

### Access to tobacco

- Assisted Business Licensing in the implementation of the 2015 tobacco flavor/price ordinance.
- Partnerships with youth to explore use of menthol tobacco and to restrict its sales to tobacco-only stores.

66% of 1300 properties with smoke-free policies



# Healthy weight and smoke-free living

## Increasing access to healthy foods

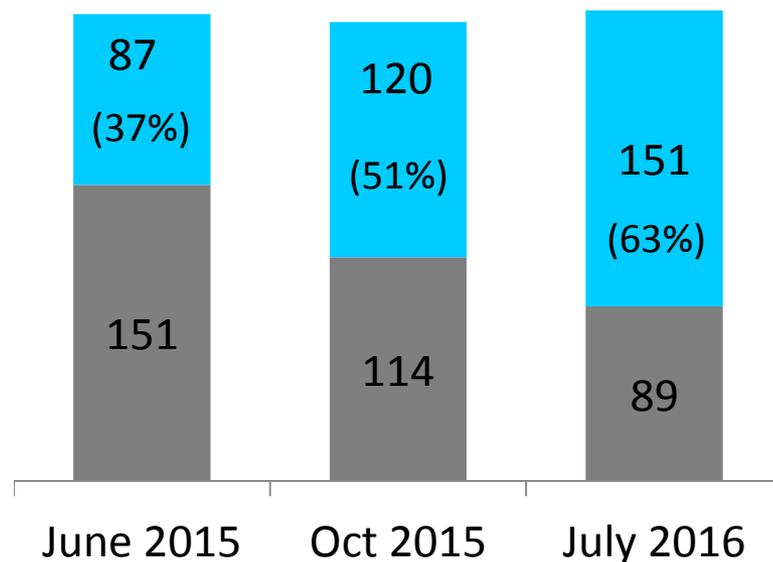
**Staple Foods Ordinance.** Increased the percentage of licensed grocery stores meeting minimum healthy food stocking requirements from 37% in 2015 to 63% in 2016. To increase compliance, Health Department staff:

- Communicated requirements and assessed staple foods inventory at 240 stores;
- Provided training, consultations, and distributed free merchandising kits to 39 non-compliant stores.

**Healthy food vending.** In partnership with the Minneapolis Park and Recreation Board, increased the number of community recreation centers with healthy snack vending machines from 0% to 69% between 2015-present.

### Compliance with Staple Foods Ordinance

■ Not compliant ■ Compliant



*Ordinance implementation date:  
April 1, 2016*

# Healthy weight and smoke-free living

## 2 “pilot” programs

Walking audits at 10 buildings  
Community gardens at 6 buildings



## Concentrated programs in 5 sites

Walking audits  
Walking programs  
Community gardens  
+ Nutrition classes  
+ Chronic disease self mgm’t support  
+ Community health worker services +  
+ Weekly blood pressure check events

## Even more programs and 2 more sites

Walking audits  
Walking programs  
Community gardens  
Nutrition classes  
Chronic disease self mgm’t support  
Community health worker services  
Weekly blood pressure check events  
+ Mobile food market  
+ Onsite community pharmacists  
+ Diabetes self mgm’t support  
+ Orange bike program  
+ Healthy vending  
+ Liaison services to farmers markets



3017 residents

2013-2015



1283 residents

2016

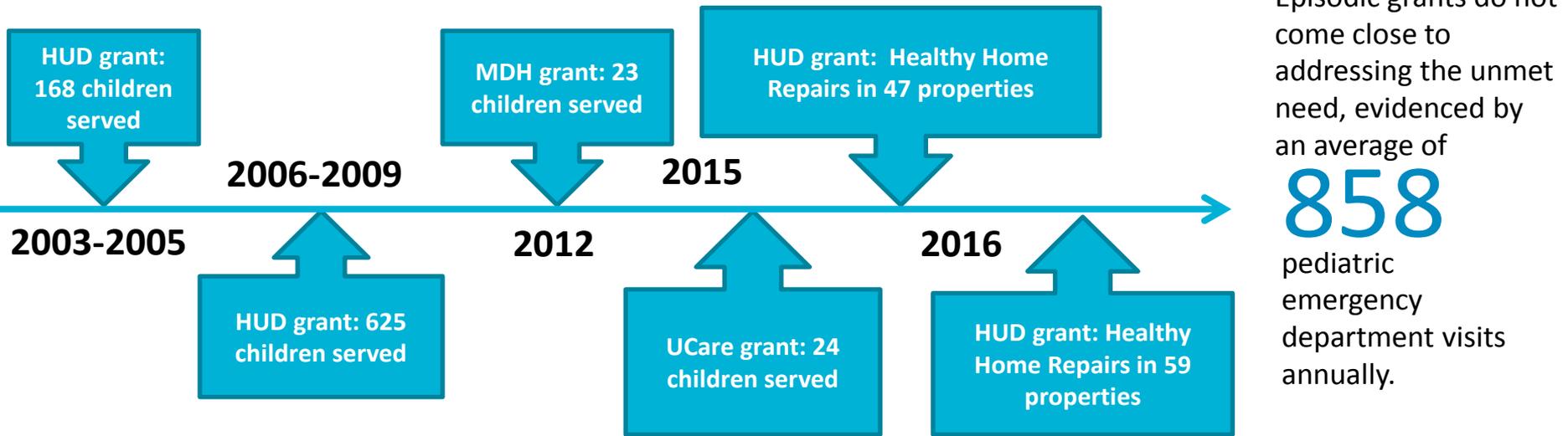


1757 residents

2017

# A healthy place to live

## Childhood asthma



**CDC Proven Strategy:** Enhanced asthma care programs across the country have shown that they reduce childhood asthma symptom days (by 21 days a year), reduce missed school days (by 12 days a year) reduce acute healthcare visits, and return \$5.30-\$14.00 for every dollar invested.

**Public Health Advocacy:** The Health Department has been an active partner in the push to mandate CDC's recommendation for medical assistance reimbursement for activities that have a proven return on investment in addressing asthma in children's homes. In 2016, the department continued to build the statewide coalition and worked to incorporate the CDC's recommendation into the governor's budget.

## Child lead exposure and home inspections

Risk assessments conducted by the Health Department related to child lead poisoning increased substantially in 2015 and 2016 as a result in a change in the definition of threshold for harm from an elevated blood lead level.

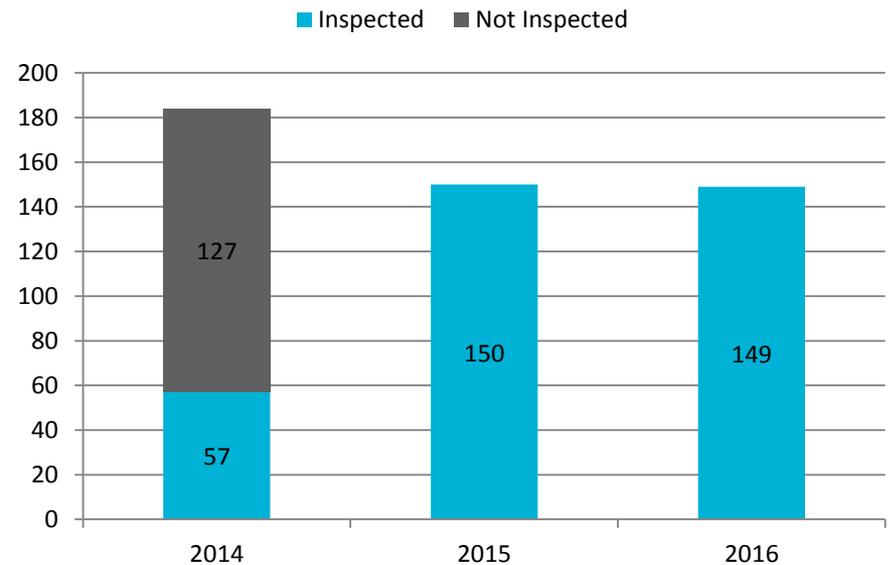
City staff inspected all housing in which a child blood lead level was 5 ug/dl or greater.

Prevention – Assessments were done as a result of enrollment in HUD grant

2015- 31

2016- 35

### Risk Assessments Related to Child Lead Poisoning\*

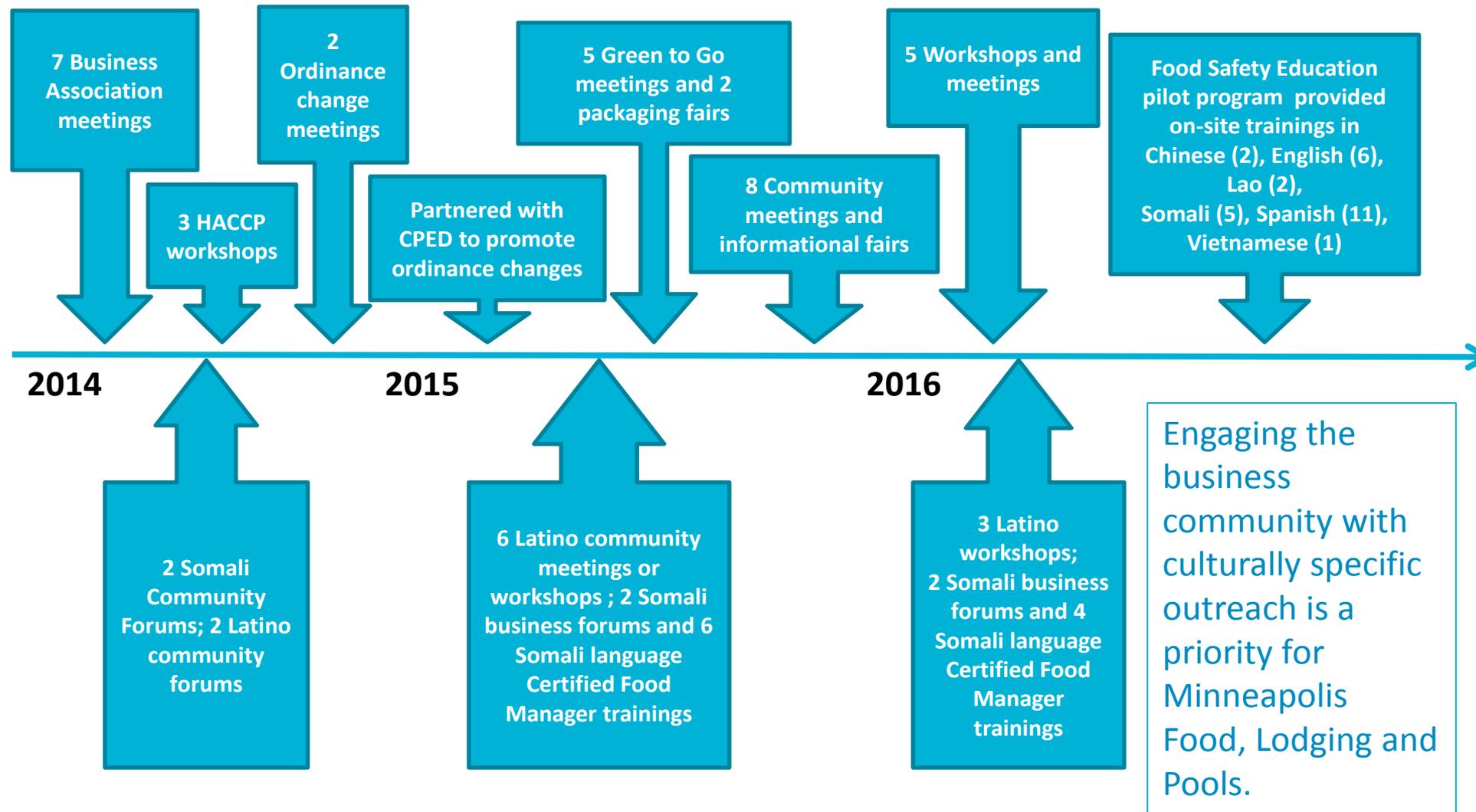


\*Based on CDC's level of concern

Elevated blood levels (EBLs) of lead are measured in micrograms of lead per deciliter of blood. Inspections are state-mandated for housing when a child resident has an EBL of 15 or higher. Inspections between 5 and 15 are left to the discretion of local jurisdictions. Minneapolis inspected at 10 or higher in 2008 and at 5 or higher in 2015. In 2013 the CDC recognized the concern about EBLs 5 or higher.

# Safe places to eat, swim, and stay

## Engaging the Business Community



# Safe places to eat, swim, and stay

## An Effective Health Inspections Program

Since its disastrous audit in 2010, the Food, Lodging and Pools program has become a leader in Minnesota, developing a successful inspection program that maximizes the capacity of its staff to meet the needs of the business it serves.

### Improved Business Support:

- Certified Food Manager trainings in Somali.
- Food safety materials in 7 languages.
- Spanish workshop of “Common Problems”.
- HACCP consultations and trainings.
- Food safety training tailored to the business’ needs.
- eNewsletters sent to 8,700+ emails
- Multilingual online food safety training videos.

### Improved Inspection Delivery:

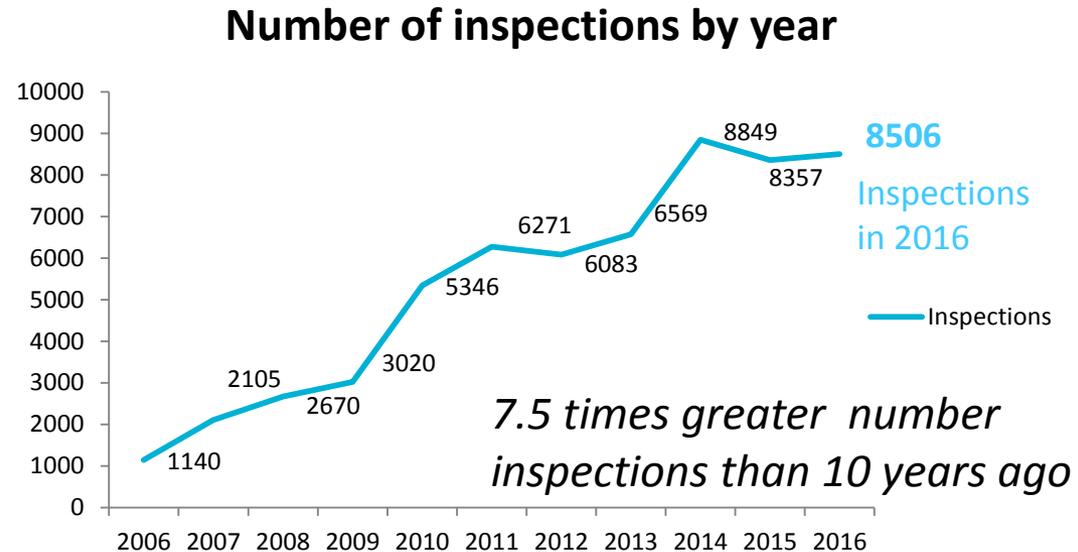
- Peer inspections with co-workers and Hennepin County fosters consistency.
- Standardization of staff to MDA and MDH standards.
- Participation in voluntary FDA program standards.
- Full HACCP support.
- Specialized training in preparation for Super Bowl LII.

*\* While restaurant safety improved dramatically from 2014 to 2015, we are unable to provide 2016 data due to ELMS.*

# A healthy environment

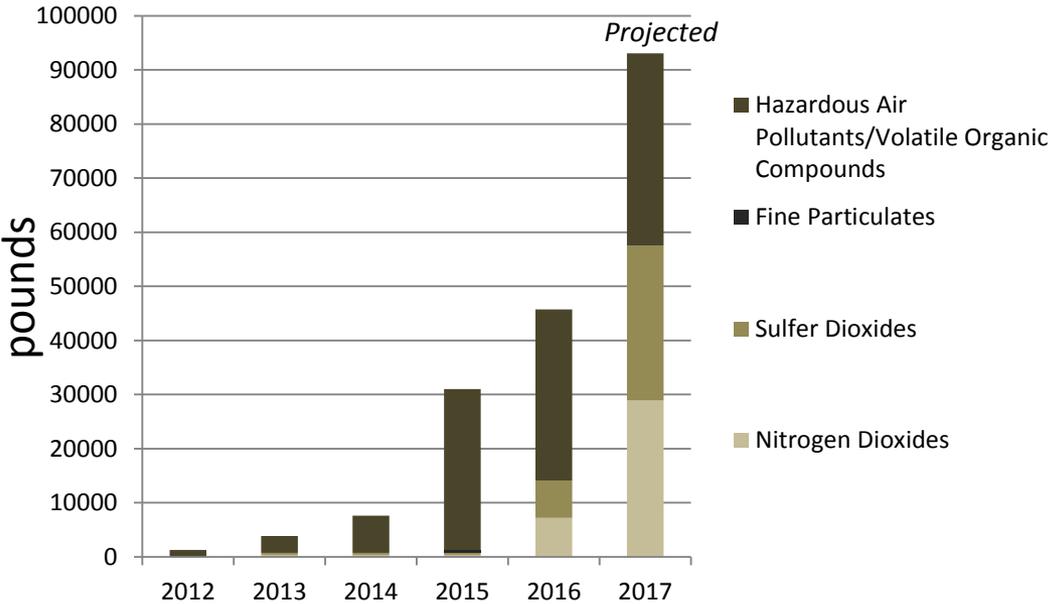
## Our Core: Environmental inspections

Environmental Services conducted 8,506 inspections in 2016 and continues to increase the quality of work produced. Over the last decade, the workload has significantly increased, with efforts ranging from erosion control to spill response and vapor intrusion cases.



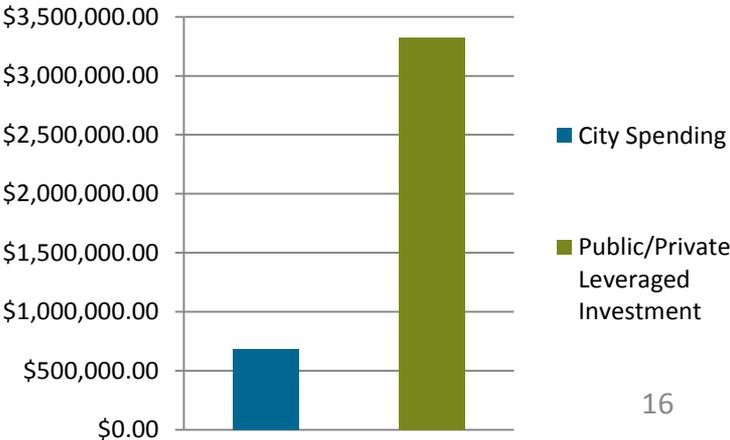
In response to continued record levels of commercial construction, Environmental Services increased overall output and productivity. City inspectors now use high precision equipment for accurate decision-making to ensure adherence to health and regulatory standards. In 2015-2016 we began testing our local well water in Minneapolis parks to EPA drinking water standards, higher standards than we have ever tested previously. In 2016 we also began testing CPED lots on behalf of Home Grown Minneapolis to ensure contaminant free community gardening sites. These are just a few examples of how we have become more sophisticated in our response protecting human health in Minneapolis.

## Pollution Reduction: Green Business



The Green Business Cost Share Program has now worked with 57 businesses in Minneapolis for 90,000 lbs of pollution reduction leveraged through voluntary partnerships. This is equivalent to removing the 8th largest polluter in Minneapolis. For reference, Northern Metals is the 80th largest polluter.

### Green Business Investments Leveraged (2012-2017)

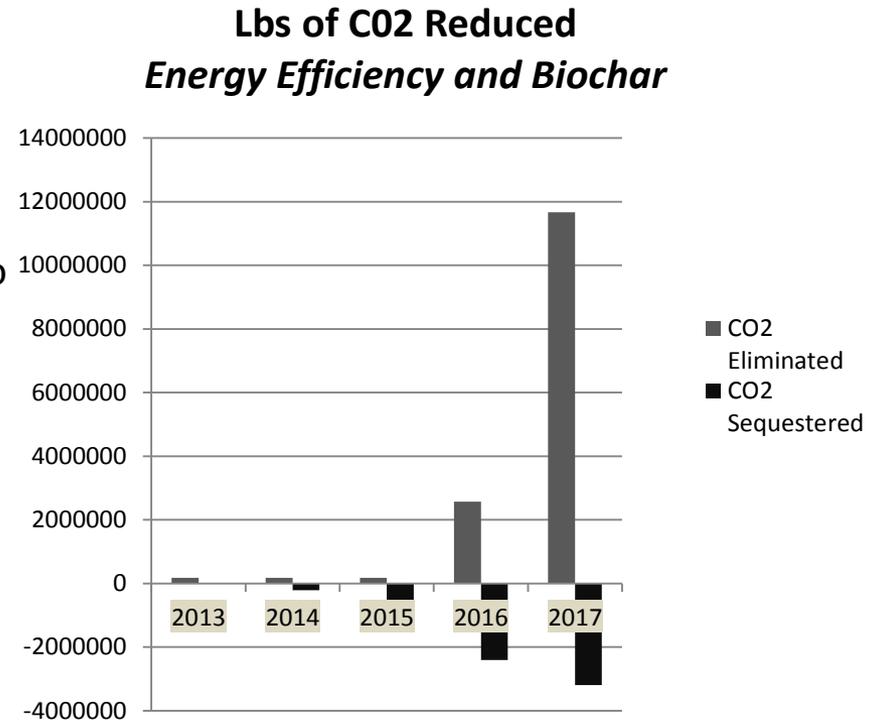


The Green Business Cost Share Program continued expansion efforts throughout 2016 developing relationships with Xcel, CenterPoint, and the Chamber of Commerce, while maintaining partnerships with Environmental and the University of Minnesota Technical Assistance Program to minimize air pollution jointly through Clean Air Minnesota. The Green Business Program was recognized by the National Association of County and City Health Officials as a National Model Practice in 2016.

# A healthy environment

## Health, Resiliency and Climate Change

The Health Department significantly minimized the City carbon footprint while improving air quality through an equity lens. The potential is enormous, leveraging investments 5 to 1. The Green Business Cost Share program incentivizes change with financial assistance to reduce energy use. The Energy Benchmarking Program requires all commercial buildings over 50,000 sq ft. to make their energy use public to drive down energy use in the free market. Biochar in urban farming, tree planting, and pollinator programs are creating carbon sinks out of soil in our city (referenced with black bars below zero in this chart).



The Health Department works with a diverse group of partners to make this work happen: The University of Minnesota, Environmental Initiative, Center for Energy and Environment, The Chamber of Commerce Energy Smart Program, Lake Street Council, Mdewakanton Sioux, Minneapolis Park Board, Tree Trust, Wells Fargo National Fish and Wildlife Fund, McKnight, the Minnesota Pollution Control Agency, The West Broadway Business Association, Northside Economic Opportunity Network.

We are all doing our part to drive to the Climate Action Target of 30% carbon reduction by 2025, and improving the health of our city as we move forward with innovative and effective work.

# Strong public health infrastructure

## Competitive Grant Funds (in \$ millions)

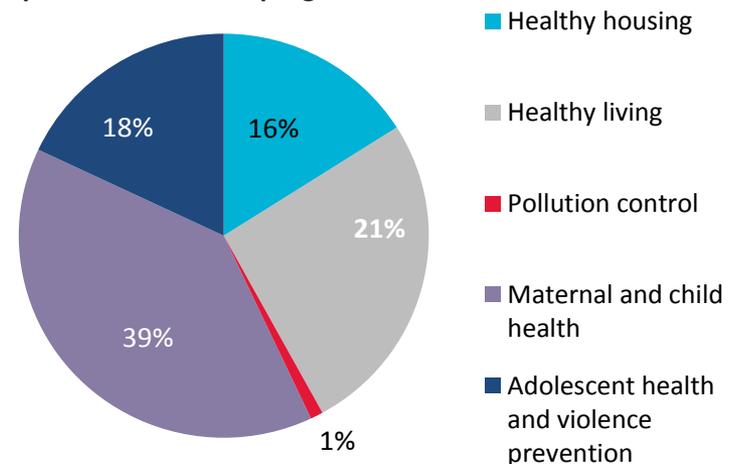


Competitive grant funding comprised **32%** of the Health Department's total 2016 budget. Successful grant-seeking requires highly-skilled staff, a history of strong performance, innovative ideas, and effective community engagement and partnerships.

Competitive grant awards help:

- provide home visiting services and other supports to low-income families,
- reduce youth violence,
- create lead-free and tobacco-free environments, and
- foster increased physical activity and better nutrition.

Proportion of funds to program area

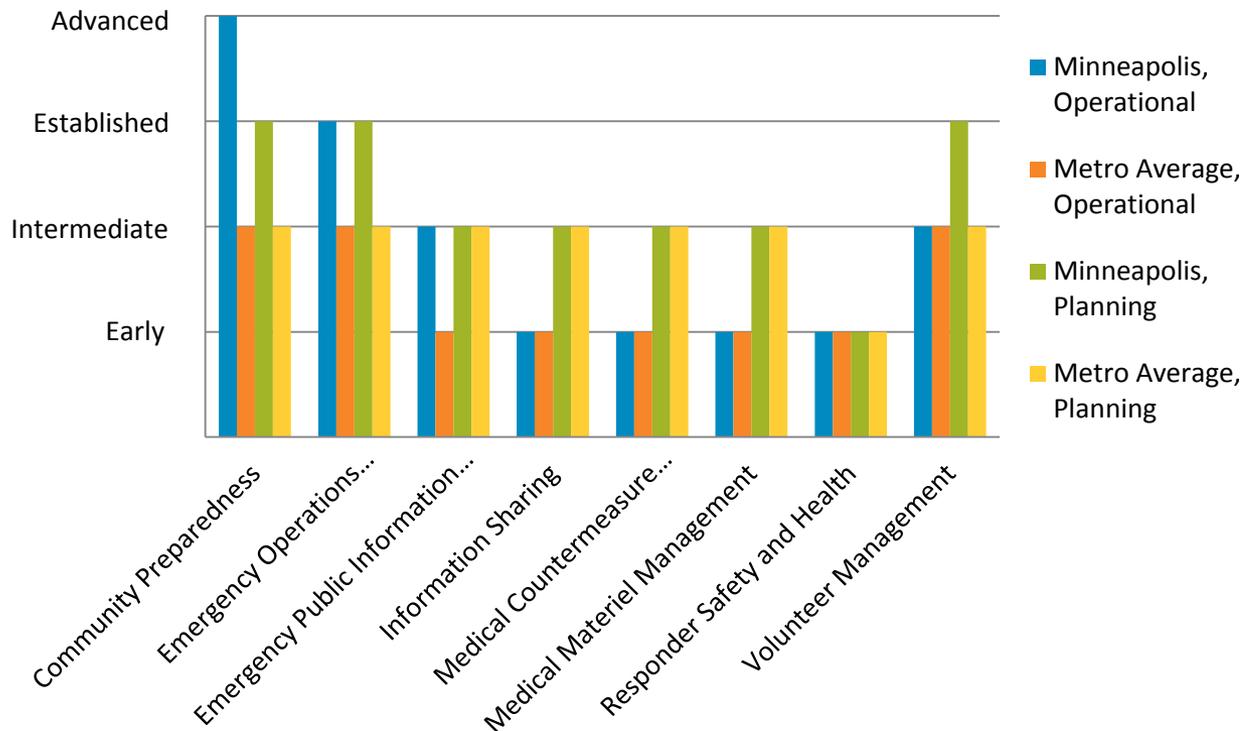


# Strong public health infrastructure

## Emergency preparedness

To meet the federal requirement to maintain readiness as first responders for All Hazards emergencies and provide leadership for public health emergencies, the Health Department participated in 1,236 hours of orientation, exercises and training in 2016.

Capability Readiness, 2016



The Health Department's planning and operational readiness for 8 out of 15 Preparedness Capabilities is assessed by the CDC. All health departments are expected to be at the 'Established' rating by 2022. In 2016 Minneapolis was equal to or ahead of the average Metro ratings.

# Strong public health infrastructure

## Research & Evaluation



### Surveillance

- Big Cities Health Initiative
- Vital records
- Hospital admissions data
- Primary care electronic health records

### Research

- Focus on Fathers Research Study
- FDA Foodborne Infection Risk Factors Study

### Evaluation

- Community Wellness Grant
- CDC Teen Dating and Youth Violence Prevention Grant
- Healthy Start Grant
- ReCAST Grant
- State Health Improvement Program
- Environmental Health Statewide Evaluation

### Technical Assistance

- To other City departments and community agencies