Thank you DeKalb County Board!

50 years of Public Health

The DeKalb County Health Department was established by Resolution February 9, 1966
I. Public Health Tax Levy
II. DeKalb County Health Department
III. What is at Stake?
IV. Financial Projection
I. Public Health Tax Levy
The DeKalb County Board of Health recommends that the DeKalb County Board place the question of a Public Health tax levy on the ballot for November 2016
Why now?

The tax levy to retire the Health Facility Building bonds is set to expire during the 2016 fiscal year.

The tax levy would continue, but would pay for services.

Therefore, the levy could be continued at the same level to keep the Health Department sustainable.
The Health Department would continue levy of $650,000

- $22.88 for a $200,000 home
II. DeKalb County Health Department
What is Public Health?

• Reduce health disparities
• Address social determinants
• Improve health of the entire population
When Are You Most Likely To Notice Public Health In Action?
When a Public Health Emergency Affects the Community

- Disease Outbreak
  - Foodborne, waterborne, people-to-people and vector-borne
- Natural Disasters and Severe Weather
- Bioterrorism
- Radiation and Chemical Emergencies
18,200
Programs at DeKalb County Health Department

- Maternal and Child Health
- Communicable Disease Control and Prevention & Immunizations
- Environmental Health
- Registrar for Vital Records
- Health Care Enrollment
- Animal Control
- Solid Waste
- Health Promotion
- Emergency Preparedness & Response
- Community Health Needs Assessment and Plan
Maternal and Child Health

*Reduces infant deaths and disease*

*Promotes child health*

- Nutrition education and supplemental foods
- Promotion of growth and development
- Promotion and support of breastfeeding
- Health and developmental assessment
- Home visits to at-risk families
- Healthcare and social services facilitation
- Social support and advocacy
- Education and medical services to support optimal reproductive health and birth outcomes
Childhood Immunization Program

- Helps children stay healthy by protection from vaccine-preventable diseases
- Vaccines for Children (VFC) Program for uninsured and underinsured children and those enrolled in Medicaid
Vision and Hearing Screening Program

Screening of children to identify and refer those who are in need of intervention
Communicable Disease Control and Prevention

Investigations to prevent and control the spread of diseases

• Pertussis
• Mumps
• Influenza
• Ebola virus
• Zika virus
Tuberculosis Program
Medical services to identify, diagnose and treat individuals who have or were exposed to tuberculosis (TB)

HIV Case Management Program
Services to link individuals with healthcare and other resources and prevent transmission
Immunization and International Travel Consults

Examples of Adult Vaccines Administered

- Hep-A
- MMR
- Hep-B
- HPV
- Typhoid
- Yellow Fever
- Influenza
- Polio
Health Promotion Programs

Reality Illinois
- Prevent tobacco use among youth
- Empower young people to work with local governing bodies to adopt tobacco-free policies

Illinois Tobacco Free Communities (ITFC)
- Reduce tobacco use and exposure
- Media outreach to promote Illinois Quitline
- Policies to promote smoke-free places
Emergency Preparedness and Response

Improve county emergency response capacity

- Testing of emergency medication dispensing and other plans
- Coordinate emergency planning with countywide partners
Environmental Health and Health Protection

- Food Establishment Inspections
- Well and Septic Inspections
- Tanning and Body Art Inspections
Environmental Health and Health Protection

- Animal Control Program for stray dog and rabies control
- Solid Waste and Recycling Program to divert materials from the landfill to reduce environmental impacts
Healthcare Enrollment Assistance

Provides assistance with enrollment in Health Insurance

- Reduce the cost of healthcare
- Improve the quality of healthcare
- Improve the health of the population
III. What is at Stake?
DeKalb County Low Birthweight

- Low birthweight is a leading cause of infant death and disability
- Low birthweight, often caused by pre-term birth, can lead to
  - Lifetime health complications
  - Growth, learning and behavioral problems
  - Developmental delays
  - Intellectual disabilities
  - Loss of potential productivity
  - Medical, educational and social costs
Low birthweight higher than both Illinois and USA for the first time
- 2009: 6.4%
- 2012: 8.8%
  highest in at least 30 years

Racial and ethnic disparities
- The proportion of black and Hispanic low birth weight births tripled from 2009 to 2012

<table>
<thead>
<tr>
<th>Year</th>
<th>DeKalb County Number</th>
<th>DeKalb County Percent</th>
<th>Illinois Percent</th>
<th>U.S. Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>105</td>
<td>8.8%</td>
<td>8.2%</td>
<td>8.0%</td>
</tr>
<tr>
<td>2009</td>
<td>84</td>
<td>6.4%</td>
<td>8.4%</td>
<td>8.2%</td>
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</tbody>
</table>

Source: Illinois Department of Public Health; National Center for Health Statistics

*Low birthweight: weight less than 5lbs.8oz. (2500 grams)*
# DeKalb County, Illinois and U.S. Poverty

## All Persons

<table>
<thead>
<tr>
<th>Year</th>
<th>DeKalb County</th>
<th>Illinois</th>
<th>U.S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-2010</td>
<td>16.3%</td>
<td>13.8%</td>
<td>14.4%</td>
</tr>
<tr>
<td>2011-2013</td>
<td>20.1%</td>
<td>14.8%</td>
<td>15.9%</td>
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</table>

## Children 0-17

<table>
<thead>
<tr>
<th>Year</th>
<th>DeKalb County</th>
<th>Illinois</th>
<th>U.S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-2010</td>
<td>14.8%</td>
<td>19.4%</td>
<td>20.1%</td>
</tr>
<tr>
<td>2011-2013</td>
<td>23.7%</td>
<td>21.0%</td>
<td>22.4%</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau: American Community Survey (ACS)
Concentrated Disadvantage

- Concentrated disadvantage is associated with a wide array of poor health outcomes including low birthweight and infant death rate.
- Several measures of community economic viability and strength were combined to create the concentrated disadvantage indicator.
- DeKalb County level of disadvantage, compared to the state average, was Medium-high.
Maternal and Child Health is a priority in DeKalb County

- DeKalb County IPLAN (March 2013)
  - Maternal and Child Health is one of the top 4 priorities
- Community Health Needs Assessment Update by KishHealth System (2015)
  - Maternal and Child Health is one of the top 3 priorities
IV. Financial Projection
Major Source of Revenue 2008-2016

Continuous Grants

2008: $1,582,441
2016 (Budget): $1,296,829
18 percent reduction
Maternal & Child Health Grants
2008-2016

14 percent reduction

2008: $1,012,912
2016: $867,464
We have undertaken steps to sustain the Health Department

- Reduction in workforce through layoff and attrition with reduction and elimination of services
- Restructure and consolidation of staffing
- Non-personnel cost containment measures
- New revenue sources
Workforce Reduction

2010 to Present

- Of total Health Department Staff
  - 40 Fewer people (34 FTEs)
  - 46 percent reduction (people and FTEs)

- Of total Public Health Staff
  - 15 fewer people (12 FTEs)
  - 24 percent reduction (people and FTEs)

* FTEs – Full-time Equivalents
Financial Projection
Revenue & Expenses

<table>
<thead>
<tr>
<th>Year</th>
<th>Revenue</th>
<th>Expenses</th>
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<tbody>
<tr>
<td>2013</td>
<td>$3,473,846</td>
<td>$2,323,262</td>
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<tr>
<td>2014</td>
<td>$3,386,650</td>
<td>$3,939,156</td>
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<tr>
<td>2015</td>
<td>$3,300,000</td>
<td>$2,800,000</td>
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<tr>
<td>2016</td>
<td>$2,900,000</td>
<td>$3,200,000</td>
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<tr>
<td>2017</td>
<td>$2,500,000</td>
<td>$3,300,000</td>
</tr>
<tr>
<td>2018</td>
<td>$2,100,000</td>
<td>$3,400,000</td>
</tr>
<tr>
<td>2019</td>
<td>$1,700,000</td>
<td>$3,500,000</td>
</tr>
<tr>
<td>2020</td>
<td>$1,300,000</td>
<td>$3,600,000</td>
</tr>
<tr>
<td>2021</td>
<td>$900,000</td>
<td>$3,700,000</td>
</tr>
<tr>
<td>2022</td>
<td>$500,000</td>
<td>$3,800,000</td>
</tr>
<tr>
<td>2023</td>
<td>$100,000</td>
<td>$3,900,000</td>
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<tr>
<td>2024</td>
<td>$0</td>
<td>$4,100,000</td>
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<tr>
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<tr>
<td>2026</td>
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<td>$4,500,000</td>
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<tr>
<td>2027</td>
<td>$0</td>
<td>$4,700,000</td>
</tr>
<tr>
<td>2028</td>
<td>$0</td>
<td>$4,900,000</td>
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</tbody>
</table>

Graph showing revenue and expenses from 2013 to 2028.
## Financial Projection

<table>
<thead>
<tr>
<th></th>
<th>Last Year of Positive Ending Unreserved Fund Balance</th>
<th>Fund Balance Runs Out</th>
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</thead>
<tbody>
<tr>
<td>Without Referendum</td>
<td>2018</td>
<td>2021</td>
</tr>
<tr>
<td>With Referendum</td>
<td>2025</td>
<td>2027</td>
</tr>
</tbody>
</table>
Sustain the DeKalb County Health Department

- Expertise in Public Health and Prevention
- Decades of Experience
- Trusted Community Provider
- Mission and Commitment to Improve Population Health
- Historic Partnership: Public Health and Medicaid as Public Investments
- Medical Neighborhood
- Return on Investment (ROI)

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