I consider it a privilege as President of the Board of Health to present the DuPage County Health Department’s 2016 Annual Report.

Once again, we have had a busy year targeting our agency’s goal to significantly improve the health of all DuPage County residents.

There has been a great deal of transformation in the health care and public health landscape over the past decade, and this past year has brought significant challenges, as well. In light of these challenges, the dedicated staff of the DuPage County Health Department continue to focus their efforts and partnerships throughout the community to maintain the very high levels of health enjoyed by DuPage County residents.

By focusing on producing improved results in healthcare outcomes that support value to residents and communities alike, the DuPage County Health Department remains a trusted and valued member of the local landscape. Several of the programs highlighted in this year’s Report align with the structure that was put in place several years ago through the work of Impact DuPage and will become a model of care going forward. By embracing the challenges, our health department has created new opportunities for partnership, strategy and sustainability to the goal of improved health to assure success.

These efforts earned DuPage County high marks in the state of Illinois according to the Robert Wood Johnson Foundation rankings in 2016. Based on quality of life factors such as longevity and overall health status, including physical and mental health, DuPage County ranked 5th in Health Outcomes (how healthy we are) and 1st in Health Factors (how healthy we can be) among the 102 counties in Illinois.

These are but a few of the many accomplishments of the DuPage County Health Department over the previous 12 months, and I proudly offer the 2016 Annual Report to the citizens of DuPage County.

Linda Kurzawa
President, DuPage County Board of Health
Impact DuPage is committed to creating a common understanding of the needs, gaps and priorities that will advance the well-being of DuPage County.

**Illinois Clinical Care Ranking**

The quality and accessibility of clinical care heavily impacts the health of a community. People are more likely to receive effective treatment and enjoy better health.

**Persistent poor mental or emotional health requires evaluation or treatment by a qualified professional.**

**Poor Mental Health**

Average number of days per month adults reported poor mental health.

**DuPage County partners are uniting to create positive change across our communities.**

The role of Impact DuPage is to create a common understanding of community needs, gaps and priorities that will advance the well-being of the residents of DuPage County. Impact DuPage will engage community stakeholders in a coordinated approach to ongoing community needs assessment, resulting in data-driven solutions to address county priorities, align resources, and improve population level outcomes.

Impact DuPage was formed in August 2013 as a county-wide initiative to address the increased demand for human services during the reform of health care, and the increase of state and federal fiscal adversities.

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The website impactdupage.org is funded by the DuPage County Health Department as an avenue for community members and policymakers to learn about the health of the community. The site provides balanced information on a broad range of topics affecting the health and well-being of our community and highlights local assets and health data, resources, best practices.

In this report you’ll read of the progress in the five current priority areas identified by Impact DuPage.

**Affordable Housing:** Inspiring community action to develop housing that meets the current socioeconomic and demographic profile of the county.

**Mental Health:** Strengthen the mental health treatment system to respond to the complexity of mental health issues.

**Access to Health Services:** Capitalize on changes in the healthcare landscape to support diverse populations.

**Substance Abuse:** Strengthen prevention and treatment of substance abuse issues for residents of the county.

**Healthy Lifestyles:** Influence positive choices regarding nutrition, physical activity, and the built environment.
A Residential Services client discussed his appreciation for recent renovations. His apartment in Villa Park was one of the first to be upgraded.

The first focus of the 2016 Annual Report is on the Impact DuPage Priority Areas of Mental Health and Affordable Housing. The goal is to strengthen the mental health treatment system, respond to the complexity of mental health issues and the residential services and housing that meets the needs of our clients.

The staff of the DuPage County Health Department’s Residential Services program responds by recognizing that the individuals we serve would not successfully function in the community without our assistance.

With a mission, “To assist adults with severe mental illness in living as independently as possible,” the unique objectives of each client are considered in determining personalized levels of support and service. Residential Services provides long-term, transitional and supported residential living. Each program is designed to assist adults with psychiatric illness in living as independently as possible. Housing and Urban Development (HUD) programs target individuals who meet criteria for homelessness or chronic homelessness. These programs provide affordable housing and wrap-around services to support the psychiatric, financial and vocational goals of the clients. The Illinois Department of Human Services (DHS) programs provide treatment in a residential environment, work with our clients on reaching their treatment goals, and assess housing fees based on income.

Although the Residential Services program experiences many accomplishments in a given year, a major milestone in 2016 included the coordinated effort of several service areas of the Health Department in the relocation of two Clustered Apartment Program (CAP) sites. The two-year process to move to Glendale Heights, necessitated by the sale of the property in Westmont, was finalized in October. The units are in a beautiful neighborhood and provide clients the convenience of public transportation and employment opportunities.

The DuPage County Health Department provides an array of services that support living independently and affordably in the community.
In 2016, DuPage County saw a sharp increase in deaths and saves from opioid overdoses. Dr. Richard Jorgensen, DuPage County Coroner, indicated that increased accessibility and use of fentanyl, alone or with heroin, may be the reason. “These numbers reveal that our work is not done in the quest to beat this epidemic. We must continue to bring education to our citizens about this problem to prevent the misuse of opioids, treat those who are addicted and eradicate the supply of illegal drugs.”

A devastating trend has developed in DuPage County and there are no simple answers. As an Impact DuPage priority area, the staggering number of deaths have prompted the need to expand and sustain the program.

The substance abuse landscape is evolving and opioids such as heroin and related synthetics are no longer an inner-city problem. Heroin is being mixed with fentanyl, a highly potent opiate, and the coroner reported most overdose deaths are due to a combination of the two drugs.

The 78 opioid related deaths in DuPage County last year represent nearly half the total of the 162 deaths since 2014. First responders are saving more lives each year with the use of the nasal spray Narcan. The 2016 total of 145 lives saved with Narcan surpassed the 94 saves over the two-year period of 2014-15.

In an increased commitment to reversing overdoses linked to heroin and other opioids, many DNP sites are funding their supply of Narcan. The DNP, which was subsidized initially by the DuPage County Board of Health, now operates on private donations, grants, and local dollars. Narcan is now available for individual use without a prescription at many local pharmacies.

Executive Director Karen Ayala speaks at a DNP News Conference. Chairman Dan Cronin, State’s Attorney Bob Berlin and Coroner Dr. Richard Jorgensen attended.

**DUPAGE NARCAN PROGRAM (DNP)**

How do we strengthen prevention and treatment of substance abuse issues for residents of DuPage County?

**Opioid Related Statistics**

- fentanyl
- heroin
- heroin/fentanyl

<table>
<thead>
<tr>
<th>Opioid Reversals by Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAN</td>
</tr>
<tr>
<td>-----</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

In 2016, the Health Department held the largest training class to date on the use of the new FDA-approved ready-to-use, single nasal spray dose of Narcan for the emergency treatment of known or suspected opioid overdoses. There are now over 3,100 individuals trained to use Narcan in the area.

DNP is a collaborative effort serving DuPage County, and many surrounding communities, led by the Health Department, County Board, Coroner, Sheriff, State’s Attorney, and Chiefs of Police Association that was conceived in 2013. Together, first responders and community partners have worked to reduce overdose deaths among 56 program sites.

Additional initiatives include youth substance abuse prevention, led by the Prevention Leadership Team to educate and engage parents, and youth under the age of 18. In August 2016, DCHD was awarded a five-year grant to address opioid misuse and reduce overdose among adults. Strategies include prescriber education, increased access to naloxone and disposal of prescription medication.
According to the Department of State, a refugee is someone who has fled from their home country and cannot return because of their religion, race, nationality, or political opinion.

Since 2015, the DuPage County Health Department has offered refugees Access to Health Services, a Priority Area of Impact DuPage, as one of only five Refugee Health Screening Programs in Illinois.

The United Nations High Commission for Refugees estimates that less than one percent of refugees will be resettled. According to World Relief DuPage, the average time between applying for refugee resettlement and immigrating to a third country is seven years. In DuPage County last year, 92 percent of new refugee residents were reuniting with family members.

The resettlement experience was recently summed up by a client from Iraq who had been fleeing for 11 years with his mother, sisters, and sister’s children before arriving in DuPage County. When asked his feelings upon arrival in Chicago, he answered, “Safe. Like a human being. Like I could be a human being now.”

Protecting a Vulnerable Population and Public Health

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The Refugee Health Screening Program provides health screenings to newly-arrived refugees and collaborates with World Relief DuPage to enable continuity of care. Shortly after their arrival, DCHD provides each refugee with a medical exam, referrals for ongoing care, and vaccinations. While each client has been screened for infectious diseases overseas, DCHD performs additional laboratory screenings, to protect the health of the public as well as that of our new DuPage residents.

123 refugees under age 18 arrived in DuPage County in 2016.

<table>
<thead>
<tr>
<th>Country</th>
<th>Refugees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Myanmar</td>
<td>180</td>
</tr>
<tr>
<td>Nepal</td>
<td>78</td>
</tr>
<tr>
<td>Iraq</td>
<td>36</td>
</tr>
<tr>
<td>Iran</td>
<td>32</td>
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<td>Sudan</td>
<td>36</td>
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<tr>
<td>Ukraine</td>
<td>12</td>
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<tr>
<td>Ethiopia</td>
<td>5</td>
</tr>
<tr>
<td>Cuba</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td>390</td>
</tr>
</tbody>
</table>

11 Countries

31.5%
BEHAVIORAL HEALTH SERVICES
Behavioral Health Services offers care for DuPage County residents with symptoms of mental or emotional disorders.

3,299 Clients Served in Adult Outpatient and Case Management.

DUPAGE COUNTY HEALTH DEPARTMENT

1,125 Child and Adolescents
1,970 Psychiatry All Ages
132 Community Support Team
97 Mental Illness Court Alternative Program
79 Special Needs Advocacy Program

1,636 Child Crisis Evaluations
Screening, Assessment and Support Services (RASS)

RESIDENTIAL SERVICES

LONG-TERM
GROUP HOMES

34 CLIENTS SERVED
11,271 NIGHTS OF SERVICE
Staff and trained professionals work with clients to achieve the highest level of stability.

TRANSITIONAL
24-HOUR SUPERVISED
GROUP HOMES

23 CLIENTS SERVED
5,441 NIGHTS OF SERVICE
Staff and trained professionals provide skills training to increase client mental and integrated health care.

CLUSTERED APARTMENT
PROGRAM (CAP)

156 CLIENTS SERVED
38,601 NIGHTS OF SERVICE
Staff and trained mental health professionals provide training and support while clients transition to independent living.

CRISIS SERVICES
The Crisis Intervention Unit is a support system that works with residents suffering urgent mental health emergencies.

343 Clients Receiving Respite Services at the Community Center in 2016.

2016 Program Service Data Represented

PUBLIC HEALTH SERVICES
Public Health Services provides services that bolster the health status of DuPage County residents.

37,551 Visits to the WIC Program.

DCHDFACTS

928 Sexually Transmitted Disease Clinic Visits
2,998 Tuberculosis Clinic Visits
657 Total Clients in the Breast and Cervical Cancer Program (BCCP)
1,386 Total screenings paid for by BCCP includes breast exams, mammograms, and pelvic/pap.

VISION AND HEARING
Vision and Hearing identifies children in need of eye and ear examinations.

61,329 The number of screenings provided in 2016 by the Vision and Hearing Program.

24,106 The number of DuPage County children who were tested for vision problems.

1,554 The number of children who were referred for vision follow-up to an eye doctor.

Children with vision and hearing deficiencies will not complain or seek help because they are often unaware of a problem.

Certified hearing and vision technicians provide screening for preschool through high school-aged children. If necessary, families that are uninsured or under-insured are linked with community resources for follow-up examinations.

ENVIRONMENTAL HEALTH SERVICES
Protects public health in DuPage County through the promotion of healthy environmental conditions.

3,996 Food and Beverage Establishments Receiving Inspections.

DCHDFACTS

985 Pool & Spa Inspections
4,808 Water Tests Private and Public
6,756 Food Inspections and Consultations
12,479 Pounds of Medicines Collected by RxBox
15,196 Mosquitoes Tested for WNV
All DuPage County Health Department locations and programs can be reached by phoning (630) 682-7400
www.dupagehealth.org

CENTRAL PUBLIC HEALTH CENTER
111 N. County Farm Road
Wheaton, IL 60187

EAST PUBLIC HEALTH CENTER
1111 E. Jackson Street
Lombard, IL 60148

NORTH PUBLIC HEALTH CENTER
1111 W. Lake Street
Addison, IL 60101

SOUTHEAST PUBLIC HEALTH CENTER
422 N. Cass Avenue
Westmont, IL 60559

WEST CHICAGO PUBLIC HEALTH CENTER
245 W. Roosevelt Road
West Chicago, IL 60185
Building 14, Suite 146

THE COMMUNITY CENTER
115 N. County Farm Road
Wheaton, IL 60187

24-Hour Crisis Line
(630) 627-1700