



Facts about OSU Extension in Hamilton County

- Every dollar invested in OSU Extension by the county returns \$2.45 worth of service to the county.
- County dollars must be provided in order for state and federal dollars to be available to support a county Extension office.
- There are currently 13 employees who bring the non-biased research-based education of Ohio State University to the citizens of Hamilton County. These employees cover the following programs: Family and Consumer Science, Expanded Food Nutrition Education Program, Family Nutrition Program, Horticulture/Floriculture, and 4-H.
- Overall budget is \$400,000. This covers salaries, benefits, programming, office space, and equipment/maintenance.
- Hamilton County Extension receives \$284,145 in federal funds for nutrition education. This money provides for 5 employees who are able to provide county residents with FREE resources and classes. These funds will NOT be available, nor will the free services, if Extension is not supported.

Hamilton County Family & Consumer Sciences (FCS) Program Facts

- **Family and Consumer Sciences leverages an additional \$284,145 in federal funds (money that County is not responsible for at all)** for nutrition education for Hamilton County residents through the *Expanded Food and Nutrition Education Program (EFNEP)* and the *Supplemental Nutrition Assistance Program (SNAP)*. **Without Extension, these funds are not available to the county.**
- Through EFNEP and SNAP-Ed, **1362 adults** and **1725 youth** were assisted in acquiring the knowledge, skills and changed behavior necessary to achieve nutritionally sound diets, save on money spent for food, and improve the total family diet and nutritional well-being.
- **EFNEP nutrition and exercise classes** have shown significant changes in behavior reported by participants, most of whom are families at higher risk for developing diabetes and hypertension. These changes will help prevent their development of diabetes and heart disease.
- **Greater Cincinnati Saves**, a broad coalition of nonprofit, corporate, and government groups, helps individuals and families save and build wealth. Through information, advice, and encouragement, **those who wish to pay down debt**, build an emergency fund, save for a home, save for an education, or save for retirement are assisted.
- **Youth Money Management Education** – In 2012, through the *Real Money, Real World* program, 45 youth were taught the importance of education in relation to their income. 95% of participants indicated that participating gave them a better idea of what is involved in earning, spending, and managing money. 95% also stated belief that participating in RMRW will help them in the future.
- The **National Endowment for Financial Education's High School Financial Planning Program** reached students in more than 100 Ohio schools, due in part to support and promotion from OSU Extension. Over 8,000 student guides were shipped at teacher requests, equipping students to be financially stable and successful as young adults.
- **Adult Money Management Education**, Financial despair continues to climb in Hamilton County, with over 8,900 bankruptcy cases and 6,714 foreclosure filings in 2009. “Nearly one in every three Ohio mortgage holders is ‘under water’ or has negative equity in their home” (Rothstein, 2010). Empowering

our lowest income residents to succeed through new money management skills is the goal of *Money Talk\$*. This six-hour program was offered two times, and 26 people participated. Attendees established financial goals, organized financial records, and gained knowledge and improved money-management skills and practices in budgeting, managing credit and recordkeeping. Participants also indicated that they had a plan to deal with debt, they had determined possible money-stretching strategies, and they had an increased awareness of resources to help with personal management, including banks and credit unions.

- ***Food Preservation Education***, Due to the economic downturn, many Cincinnatians are returning to preserving their own food at home. 5 workshops were held to train people to safely preserve food products and economize food dollars through canning, freezing, pickling, and fermenting. In addition, safe food preservation with Extension was featured on local cable television.
- ***Greater Cincinnati Saves Campaign***, In order to enable financial stability and asset building for families in Hamilton County, OSU Extension leads the Greater Cincinnati Saves Campaign, a subset of America Saves. This is a social campaign to help people focus on saving, build wealth and become more financially stable. In 12 years of existence, America Saves has enrolled over 300,000 savers, who have pledged to save nearly \$35 million. Saves is available to all greater Cincinnati citizens, and it is especially targeted to low income families and youth. Savers receive ongoing support, motivation, and encouragement via email, Facebook, and twitter. The Greater Cincinnati Saves coalition is made up of thirteen organizations, including the IRS, United Way, and local financial institutions.
- ***Dining with Diabetes*** is a program series that helps participants manage diabetes. **Every \$1 spent** on diabetes management and prevention **saves \$3** in health care costs.
- ***ServSafe*** is a food safety training program for restaurant personnel in Hamilton County. **Every 1% reduction** in food-borne illness in Ohio **saves up to \$5.3 million**.

Hamilton County Horticulture Program Facts

- **OSU Extension, Hamilton County, Partners and Clientele:**
 - **Green Industry:**
 - **Overview of Green Industry Businesses in Hamilton County:**
 - What are they?
 - Garden centers; greenhouse / floriculture; tree care; lawn care; sod production; golf courses; landscape design, landscape installation and management; nurseries; etc.
 - GCMSA Green Industry: over 1,500 Green Industry businesses in the 13 county GCMSA commonly referred to as "Greater Cincinnati."
 - Hamilton County Green Industry: over 400 businesses; the majority are "**small businesses**" (SBA Definition).
 - **Economic Impact and Tax Base:**
 - 92% of the GCMSA Green Industry sales occur to customers located in Hamilton County.
 - \$347 million dollars are paid annually to employees of the Green Industry in Hamilton County.
 - \$36 million tax dollars are paid annually by the Green Industry in Hamilton County.
 - **OSU Extension, Hamilton County, Support of Green Industry Businesses:**
 - **Creating and Supporting Business Opportunities:**
 - CAPGIN [<http://capgin.osu.edu/>]: the Cincinnati Area Professional Green Infrastructure Network (CAPGIN) was created under the leadership of OSU Extension, Hamilton County, to link the Green Industry with business opportunities created by stormwater management issues.
 - There are 125 CAPGIN members; 6 bi-monthly CAPGIN meetings were held in 2011.

- The potential loss of trees and the impact on stormwater runoff would be catastrophic; a 20" sugar maple will intercept 5,318 gallons of stormwater runoff annually.
- The Cincinnati street tree program manages 85,000 street trees: these are only trees between streets and sidewalks. These numbers do not include the substantially far greater number of trees growing in landscapes, parks, and woodlands in Cincinnati and Hamilton County.
 - ALB could potentially destroy 21,250 street trees or 25% of the street tree population.
 - Potential loss in environmental services: \$2,000,000 annually.
- The best defense is detection and eradication.
 - Since ALB was discovered in Ohio, OSU Extension, Hamilton County, Horticulture Program staff made 30 presentations on ALB reaching over 2,000 direct contacts through 40 hours of teaching.
 - OSU Extension, Hamilton County, developed the first in the U.S. ALB Certification Training for Green Industry Professionals:
 - 140 Green Industry professionals have completed the ALB Certification program: 97.5% Strongly Agreed or Agreed, “New knowledge gained by the participants of this ALB training program will improve the chances of detecting any new ALB infestations.”
- National recognition of local Expertise:
 - Since ALB's discovery in Ohio; OSU Extension, Hamilton County, Joe Boggs has published ALB articles in:
 - Tree Care Industry Magazine (April 2012, feature with cover).
 - Arbor Age Magazine (July-August 2012, feature and cover).
 - The Buckeye Magazine (Ohio Nursery and Landscape Association).
 - The Ohio ISA Chapter Newsletter.
 - He is lead author of an article on ALB in an upcoming issue of American Nurseryman Magazine.
- **"First Alert" Status:** All horticulture staff has First Alert status to monitor for and provide training on non-native pests and diseases including: Thousand Cankers Disease (kills walnuts), Hemlock Woolly Adelgid (kills hemlocks) and Sudden Oak Death (kills oaks).
- **Master Gardener (MG) Volunteers:**
 - In 2011, the OSU Extension, Hamilton County, MG Volunteers
 - Contributed 3805 volunteer hours
 - Earned 965 continuing education hours.
 - The monetary value of the volunteer hours was \$81,274 (\$21.36 per hr., valued by the Independent Sector: <http://www.independentsector.org/>)
 - MG volunteer service boosted community outreach and saved other organizations in Hamilton County money. These organizations included:

<ul style="list-style-type: none"> • Cincinnati Horticultural Society • Cincinnati Zoo & Botanical Garden • Civic Garden Center of Greater Cincinnati • Delhi Township Parks – Floral Paradise Gardens • Elmwood Place Elementary • Gabriel’s Place • Glenwood Gardens & Highfield Discovery Garden • Gorman Heritage Farm; Granny’s Garden School 	<ul style="list-style-type: none"> • Greater Loveland Historical Society Museum • Greenacres – Volunteer for Veggies & Herb Garden • Hamilton County Soil & Water Conservation District • Horticulture Committee for the Western & Southern Financial Group Masters & Women’s Open • Krohn Conservatory • Mill Creek Restoration Project – Greenway Program • Purple People Bridge Landscape Project
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- The American Red Cross
- The Center for Closing the Health Gap
- Spring Grove Cemetery & Arboretum.
- **Non-Duplication of Services Provided by OSU Extension, Hamilton County:**
 - We partner with a wide range of agencies and organizations to enhance their educational outreach. These partners include:

<ul style="list-style-type: none"> ▪ Amberley Village ▪ Cincinnati Flower Growers Association ▪ Cincinnati Park Board ▪ Cincinnati State Technical and Community College ▪ City of Blue Ash ▪ City of Montgomery ▪ Delhi Township; Green Township ▪ Hamilton County Farm Bureau 	<ul style="list-style-type: none"> ▪ Hamilton County Park District ▪ Ohio Department of Agriculture ▪ Ohio Department of Natural Resources ▪ Osher Lifelong Learning Institute ▪ Sycamore Senior Center ▪ Village of Mariemont ▪ United States Department of Agriculture, Animal and Plant Health Inspection Service.
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 - The OSU Extension, Hamilton County, Horticulture Program does not duplicate services offered by other agencies or organizations in the county. We save taxpayer dollars by enhancing the work of our partners.
 - Horticulture personnel lost through this budget cut represent a combined 55 years of Extension experience. This experience will be lost to county residents even if funding is returned in future years.

Hamilton County 4-H Program Facts

- Traditional 4-H – There are over 175 active youth ages 5-19 in the 4-H program.
 - Youth are involved in Camp Counselor and Jr. Leader program increasing leadership skills/
 - Youth can attend 5 different state camps ranging from Leadership Camp to Citizenship Washington Focus.
 - Youth can apply for three LOCAL scholarships with over \$5,000 available for post-graduate education.
 - Youth can apply for STATE scholarships with over \$25,000 available for post-graduate education.
- There are over 50 volunteers in the 4-H program – their time is worth \$21.36 per hour (http://independentsector.org/volunteer_time)
- On average, 4-H volunteers save Hamilton County over \$30,000 in time and effort.
- Non-Traditional 4-H – Over 3500 urban youth are reached in 4-H School Enrichment Programming.
 - Programs include leadership development, physical fitness, science, technology, engineering, and mathematics (STEM), workforce prep, and nature.

OVERALL RESEARCH FOR 4-H PROGRAM

From the 4-H Study of Positive Youth Development (a longitudinal study that began in 2002) Tufts University, **Richard M. Lerner, Jacqueline V. Lerner, and Colleagues** Institute for Applied Research in Youth Development, Tufts University, 2012

To read the entire study: <http://www.4-h.org/about/youth-development-research/positive-youth-development-study/>

- Across grades, most (more than 86.6%) youth involved in 4-H vs. other out of school time (OST) activities reported no or very low levels of risk behaviors. Risk behaviors include

substance use (such as alcohol, cigarettes, marijuana, ecstasy, etc.) as well as engaging in delinquent behaviors, including vandalism and theft.

- Through Grade 12, 4-H youth in the longitudinal sample are 1.8 times more likely than other youth to make contributions to their communities. These same youth are also 2.5 times more likely to have higher scores on measures of civic involvement and civic identity.
- 4-H participants are 2.2 times as likely as youth in other OST programs to report higher grades and 2.1 times as likely as youth in other OST programs to report high engagement in school.
- 4-H youth are 4.9 times as likely to expect to graduate from college as comparison youth.
- 4-H participants are 2.8 times as likely as other youth to report healthy habits.
- 4-H youth are about half as likely to use drugs and 3.4 times as likely to delay sexual intercourse.
- 4-H participants are 2.0 times as likely as youth in other OST programs to participate in science, engineering, or computer technology programs in Grade 12.
- 4-H participants are 1.7 times as likely as youth in other OST programs to plan to pursue a career in science.
- 4-H girls are 2.0 times more likely to pursue a career in science.