

Kellogg Biological Station
2017-18 Volunteer Service Report

July 1, 2017 – June 30, 2018

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One hundred and eighty two volunteers raised their hand to support the Kellogg Biological Station (KBS) in the 2017 -2018 fiscal year. Their contributions are woven into educational programs and land management efforts. Because of their support KBS provided over fifty community events and hundreds of public tours engaging thousands of individuals. This report details volunteer service value, social value and highlights the programs and individuals that were affected by KBS volunteers.

Service value

Volunteers served a total of 6,540 service hours, providing KBS with a service value and cost savings of \$97,783.00 (See appendix for service value estimates).

2017-2018 Fiscal Year - Service summary by unit

KBS - Unit	Total Hours	Service Value
Bird Sanctuary	2,264	\$35,595
Farm/Dairy	1157	\$2,265
Forest	1,068	\$13,923
Grounds - MCTI	821	10,410
KBS - General	288	\$7,358
Volunteer Office	172	\$2,726
Manor House	1,770	\$25,506
Grand Total	6,540	\$97,783

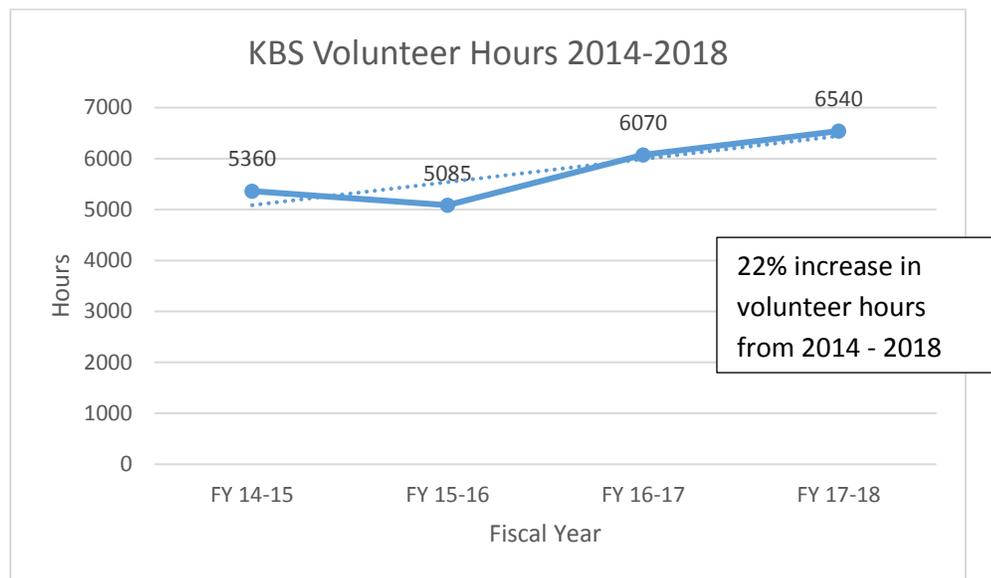
Highlights

Partnership with Michigan Career and Technical Institute (MCTI): each spring and fall a class of students from MCTI's landscaping program volunteer alongside KBS grounds staff to get experience with machinery from lawnmowers to chainsaws while beautifying the KBS grounds and gardens. Students also practice valuable job skills such as team work, time management and customer service. In 2017-18, 758 hours were contributed by 21 students.

Volunteers as Donors: Volunteers not only donate their time but also give their monetary support to benefit undergraduate students, facilities, and provide materials to improve outdoor learning experiences for youth. In FY 2017-18, 6% of KBS donors were also volunteers and 21% of KBS volunteers were also donors.

Investing in volunteers: Each year we offer trainings and professional development opportunities for volunteers to learn more about KBS and their role at KBS. In the fall of 2018 lead volunteers (Judy Geary and Carolyn Gardiner) from the Bird Sanctuary and the Manor House participated in the Certified Heritage Interpreter Training from the National Association for Interpretation. The goal of this training was to allow them and staff to think strategically about outreach efforts and give them the tools to evaluate and improve mission-focused efforts.

Sustained commitment: In the last five years volunteer hours have increased 20%, while the number of individual volunteers has remained steady. This means that each volunteer is spending more time at KBS and often volunteering at multiple units.



Social value for the community

Currently KBS consists of 175 paid staff and 182 volunteers. The volunteer program is doubling the number of people that have a direct connection to KBS and act as ambassadors for our organization by sharing their KBS experience with their family friends and community members. Volunteers are at the heart of our outreach, community-building and engagement efforts.

KBS volunteers generate social value for KBS, the surrounding community and for the volunteers themselves. Volunteers are provided with education and training opportunities on a variety of subjects throughout the year. Many volunteers contribute to different units on a range of subjects, by doing this volunteers gain a greater understanding of the science and education across KBS. Visitors from across the state attend educational tours and programs provided by trained volunteers. In this fiscal year tour guides and docents delivered 82 tours and 38 events that reached over 5000 people.

Appendices

May 2017 State Occupational Employment and Wage Estimates for Michigan.

<u>Percentile Wage Estimates for This Occupation:</u>	50% Mean hourly wage for occupation
<u>Farmworkers and Laborers, Crop, Nursery, and Greenhouse</u>	\$11.79
<u>Landscaping and Grounds keeping Workers</u>	\$12.65
<u>Resource Center Volunteer - (Counter and Rental Clerks)</u>	\$9.70
<u>Tour Guide / Educator</u>	\$11.98
<u>Clerical Assistance</u>	\$14.70
<u>19-4021 Biological Technicians - KBS Lab Assistant</u>	\$18.05
<u>Nonfarm Animal Caretakers</u>	\$10.57
<u>Independent Sector's Value of Volunteer Time</u>	Michigan: \$23.67
<u>Independent Sector's Value of Volunteer Time</u>	National: \$24.14

For metropolitan and nonmetropolitan area definitions used by the Occupational Employment and Wage Estimates (OES) survey, see the [metropolitan and nonmetropolitan area definitions](#) page.

These estimates are calculated with data collected from employers in all industry sectors in Kalamazoo-Portage, MI, a metropolitan statistical area in Michigan.

How the numbers are calculated

To determine volunteers service value, we use the Bureau of Labor Statistics data to calculate the [hourly wages by occupation](#) for the most common volunteer positions and to determine the value of a specialized skill. If the volunteer task is not a specialized skill then service hours are estimated according to the [Independent Sector](#). The estimated value of volunteer time for Michigan according to the [Independent Sector](#) in 2016 is \$23.67 per hour. The Independent sector value of volunteer time is based on the hourly earnings (approximated from yearly values) of all production and non-supervisory workers on private non-farm payrolls average (based on yearly earnings provided by the Bureau of Labor Statistics) for the national average. The [Independent Sector](#) indexes uses this figure to determine state values and increases it by 12 percent to estimate for fringe benefits. We use the Independent Sectors, [updated state-level breakdown](#) for Michigan.