

Lakeview Park (Lorain)

The Economics of Lake Erie Beaches

By Chris Murray
Research Associate
 Agricultural, Environmental, and
 Development Economics
 The Ohio State University

Dr. Brent Sohngen
Assistant Professor
 Agricultural, Environmental, and
 Development Economics
 The Ohio State University

Frank Lichtkoppler
District Specialist
 Ohio Sea Grant
 Extension Program

Mary Bielen
Extension Agent
 Ohio Sea Grant
 Extension Program

**Ohio Sea Grant
 College Program**
 The Ohio State University
 1314 Kinnear Road
 Columbus, OH 43212-1194
 614/292-8949
 Fax 614/292-4364
 http://www.sg.ohio-state.edu

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Jeffrey M. Reutter
Director
 reutter.1@osu.edu

Karen T. Ricker
Communications Coordinator
 ricker.15@osu.edu

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Lake Erie beaches provide more than a nice setting for recreation; they aid the local economy by attracting diverse visitors to the local community. The results presented here are from a survey of Lakeview Park beach users in 1998. The survey was part of a more extensive study of 1,587 users at 15 beaches along Ohio's Lake Erie shoreline. The overall results suggest that recreational values and trip expenditures are relatively high for beach recreation, but they also show that there is diversity among the beaches. The survey acquired demographic, beach perception, and beach user expenditure and visitation data along with other information. Separate results have been developed for the 15 beaches surveyed: Camp Perry Beach, Conneaut Township Park, Crane Creek State Park, East Harbor State Park, Edgewater Beach, Euclid Beach, Fairport Harbor Beach, Geneva State Park, Headlands State Park (Mentor), Huntington Beach, Lakeshore Beach (Ashtabula), Lakeview Park (Lorain), Lakeview Park (Port Clinton City Beach), Main Street Beach (Vermilion City Beach), and Walnut Beach.

Three tables of information about Lakeview Park beach users are provided below. The tables also contain the aggregated results for all 15 beaches to see how Lakeview Park compares to the average. The first table provides demographic, travel, and expenditure information. The second table shows how visitors spent their time during their trip. The final table shows how visitors responded to several questions relating to their perceptions of the beaches and beach quality. The three tables divide the results into single-day and multiple-day user categories. Single-day users visit the beach and return home that day while multiple-day users include an overnight stay on their trip.

**TABLE 1:
 Demographic, Travel, and Expenditure Information***

Lakeview Park (Lorain)	Single Day		Multiple Day	
	Lakeview	All Beaches	Lakeview	All Beaches
Number of respondents	129	1,143	20	445
Distance from beach (miles)	20.04	53.52	409.10	361.70
Hours spent at the beach for the entire trip	3.10	3.66	5.53	8.01
Expenditure within 10 miles of beach (dollar amount and percentage of total expenditure)	\$18.96 (62%)	\$14.79 (54%)	\$269.96 (65%)	\$252.47 (67%)
Annual Trips to This Beach	15.15	11.40	5.00	3.66
Annual Trips to Other Beaches	4.98	4.33	2.25	2.49
Annual Household Income	\$44,917	\$49,380	\$49,167	\$55,843

* Data reported are averages.

Table 1 provides a profile of the average Lakeview Park beach visitor. The average income for beach visitors is greater than \$44,000. Beach users tend to visit frequently, with single day users taking an average of over 20 trips per year; 15 of these trips are to Lakeview Park and five trips are to other Lake Erie beaches. Multiple day users take approximately seven trips to the Lake Erie region, with 71% of those trips to the same area and beach. A large proportion of total trip expenditure, more than 50%, is spent within 10 miles of the beach. This expenditure data, along with single day visitation and trip estimates for each beach, allow direct economic impact estimates for single day beach visitors. It is estimated that single day visitors to Lakeview Park spend \$1.4 million in the local area each season. Summing the economic impact estimates for the 14 individual beaches (Euclid excluded because of lack of data) indicates that the total estimated 144,000 annual single day visitors provide \$20 million to the local community, or \$1.4 million per beach.

**TABLE 2:
How Visitors Spend Their Time**

Lakeview Park (Lorain) Number of respondents	Single Day		Multiple Day	
	Lakeview 129	All Beaches 1,143	Lakeview 20	All Beaches 445
<i>Percent of trip time in different activities:</i>				
Beach	75	67	21	28
Fishing	02	02	03	09
Hiking	00	02	03	05
Picnicking	04	05	03	06
Shopping	03	02	08	06
Festival	00	01	00	04
Visiting Family	05	10	34	14
Restaurant	04	04	11	09
Other	07	09	17	19

Note: Columns do not equal 100% due to rounding.

Table 2 shows that beach visitation is the primary destination for the single-day visitors who spend 67% of their trip time on the beach. Multiple-day visitors spend a much greater proportion of their time in other activities, such as visiting family, and only spend about one-quarter (28%) of their trip time at the beach. These trends tend to hold for Lakeview Park respondents. Although beaches are not a main attraction for individuals taking longer trips to the region, they clearly play a strong role in the set of recreational activities in which these individuals are engaged.

**TABLE 3:
Beach Perceptions*** Scale: 1 = strongly disagree to 5 = strongly agree

Lakeview Park (Lorain) Number of respondents	Single Day		Multiple Day	
	Lakeview 129	All Beaches 1,143	Lakeview 20	All Beaches 445
This beach is well maintained	3.75	3.67	3.85	3.57
This beach is safe	3.94	3.83	4.15	3.83
This beach is too congested or crowded	2.17	2.30	2.45	2.36
This beach has good facilities (restrooms, parking...)	3.21	3.43	3.50	3.13
I visit because of near by natural areas	2.48	2.75	4.80	2.94
This beach's water quality is good enough for swimming	3.16	3.57	3.45	3.73
Lake Erie water quality is good enough for swimming	3.27	3.45	3.30	3.63
I would visit more often if maintained better	3.02	2.80	2.70	2.85
I would visit more often if less congested	2.41	2.46	2.40	2.45
I would visit more often if this beach had better facilities	3.09	2.84	3.05	2.90
I would visit more often if a natural area was near by	2.88	2.64	2.60	2.64
I would visit more often if this beach had more activities	3.05	2.88	2.80	2.92

* Data reported are averages.

Table 3 presents the average response to a series of questions about the beach they were visiting. In general, visitors appear to believe that beaches are safe and well maintained, and that Lake Erie water quality is good enough for swimming. They do not appear to believe that the beaches are too crowded. Lakeview Park respondents have similar perceptions. The fact that the respondents would not visit more often if changes were made suggests that beach visitors are satisfied with their Lake Erie beach experience.

The entire results for the 1998 beach user survey can be found on the web at www.agecon.ag.ohio-state.edu/Faculty/bsohngen/beach/beachin.htm. This research was made possible by funds from Ohio Sea Grant. Most local visitor bureaus also provided financial and in-kind assistance, including the Ashtabula Convention and Visitors Bureau, the Lake County Visitors Bureau, the Convention and Visitors Bureau of Greater Cleveland, the Lorain Convention and Visitors Bureau, the Erie County Visitors Bureau, the Fremont/Sandusky Convention and Visitors Bureau, the Ottawa County Visitors Bureau, and the Greater Toledo Convention and Visitors Bureau. For more information contact Dr. Brent Sohngen at (614) 688-4640 or sohngen.1@osu.edu.

**Ohio Sea Grant
Extension Program**

Mary H. Bielen
The Ohio State University
Sea Grant Extension
Toledo Dept. of Development
One Gov. Center, Suite 1850
Toledo, OH 43604
419/936-2378 Fax 419/245-1462
bielen.1@osu.edu

John Hageman
F. T. Stone Laboratory
The Ohio State University
P. O. Box 119
Put-in-Bay, Ohio 43456-0119
419/285-2341 or 614/247-6502
Fax 419/285-4754 or 614/247-6578
hageman.2@osu.edu

David O. Kelch
The Ohio State University
Sea Grant Extension
Lorain County Extension Office
42110 Russia Road
Elyria, OH 44035
440/326-5851 Fax 440/326-5878
kelch.3@osu.edu

Frank R. Lichtkoppler*
The Ohio State University
Sea Grant Extension
Lake County Extension Office
99 East Erie Street
Painesville, OH 44077
440/350-2582 Fax 440/350-5928
lichtkoppler.1@osu.edu

Fred L. Snyder*
The Ohio State University
Sea Grant Extension
c/o Camp Perry
Building 3, Room 12
Port Clinton, OH 43452
Phone/Fax 419/635-1022
snyder.8@osu.edu

Walter D. Williams
The Ohio State University
Sea Grant Extension
c/o Greater Cleveland Growth Assn.
200 Tower City Center
50 Public Square
Cleveland, OH 44113-2291
216/621-3300 Fax 216/621-6013
wwilliams@clevegrowth.com

*Extension Program
Co-Coordinators