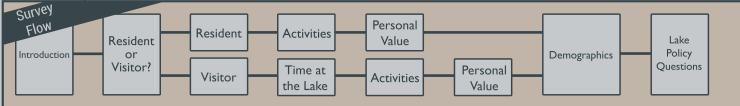
Marion County Lake Visitor Use Survey

By Amber Kelly, Cara Gunzelman, Cody Thompson, & Maridee Webe

Purpose of the Survey

The purpose of this project was to create a survey to collect data for use by Marion County Park and Lake. This data, with analysis, would provide information for the development of a lake management plan, which the Lake does not currently have. The primary objectives of the survey are to collect data on visitor and resident demographics, trip itinerary, and opinions on what the park and lake offer.



Lake Data

Coding

Code was used to develop our graphs and maps taken from spreadsheets created by lake superintendent Isaac Hett. Records were taken on paper and we have created a system to visualize the data in a digital format.

#alt count column
campscounts <- 1 #assigning a value of 1 to counts
camp total <- aggregate(counts ~ date, data=camp, sum) #creating a dataframe with counts per
date

#for loop to create counts of visitors per night camping
nights <- campsdate[!ts.na(campsdate]) #removes NA values
nextnight <- campsdate[!ts.na(campsdate]) #removes NA values
nextnight <- campsdate[!tis.na(nextnightsNights)], "date"]] #removes observations where Nights = 1
nextnight <- nextnight[!tis.na(nextnightsNights),] #removes NA values
nightbase <- nights #reassigns dataframe with all Night values, including Nights = 1 but not NA

for(i in 1:nrow(nextnight)){
 for(j in 1:inextnightsNights[i] - 1)}{
 extranights <- nextnightsAtate[i] + j
 nightbase <- (nightbase,extranights)

Amistrope of more your voiting

pro Nation (Park College of March College

Home Location of All Paying Visitors Visitor Count 30 20 10 Longitude

Out of State 24 Kansas 97.5

How long are visitors staying for and how much are they spending?

