

nla2007__census

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Introduction

- This document (nla2007__census.pdf) describes the process of extracting the 2000 census data for the 2007 National Lake Assessment Sites.
- The data were extracted from the 2000 census with the rscript PopulationLakes_20130212.r
- For each lake the number of people and population density were calculated for four buffers. The buffer sizes were:
 - 300m
 - 1000m
 - 2500m
 - BufRadius: a variable width buffer corresponding to the radius of the lake (see the field BufWidthM).
- The table below shows the data definitions

Field	units	Definition
NLA_ID		NLA2007 unique identifier
BufWidthM	m	width of lake buffer for calculations
Pop	people	number of people in the buffer
PopDensityKm2	People/Km2	Pop/BufferAreaKm2Adj
BufferAreaKm2	Km2	Area of entire buffer-number of grid cells $3030/1000000$
BufferAreaKm2Adj	Km2	Area of Non-NA buffer-number of grid cells with data $3030/1000000$
PercentNA	%	(number of NA grid cells)/(total number of grid cells)
BufType		“Fixed” = standard buffer width; “Radius” buffer width = radius of a circle with Area = lake area.

- data were saved in csv format and can be downloaded from github: nla_2007__census.csv