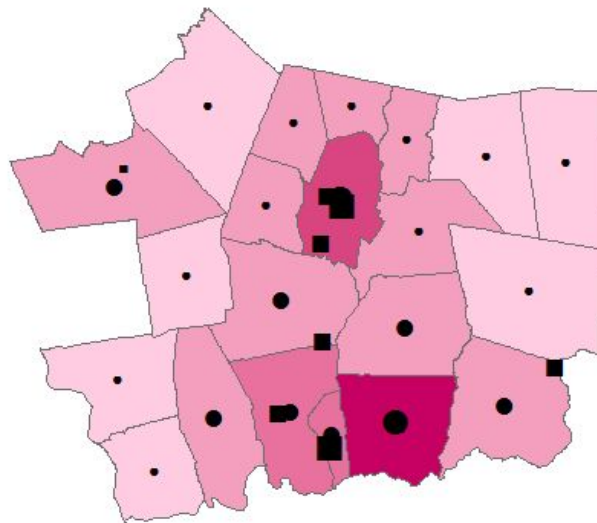Alberto Melendez
February 6, 2018
GEOG 461
Assignment 3

Measure of accessibility applied was the ratio of distance between the place of origin and the facilities and attractiveness of a facilities. Another measure that could have been used is insurance, which of these places carry health insurance that can cover mammograms.

Griswold, Lebanon, Lyme, North Stonington, Old Lyme, Salem, Voluntown are the most poorly served areas in New London. Based on the map you can tell they are furthest from the facilities that are mostly found in middle and so it seems depending how close and how attractive a facility is the ones furthest typically are served last.

Groton has the highest potential access to mammography being so close to a few facilities one of which is high in attraction, but also has the highest number of women ranging from 40 to 74 years of age. If I was the regional health manager, I would propose to have one highly attractive facility in the towns of East Lyme, Colchester, and Griswold to serve those areas the surrounding town near them.

Accessibility to Mammography Clinics
New London, Connecticut, 2010

Chromley, EK and McLafferty SL. 2012. Chapter 9, Analyzing Access to Health Services,
GIS and Public Health, 2nd Edition. p.303-337

Legend

Towns

Potential Accessibilty

	Very Low
	Low
	Moderate
	High
	Very High

N

Map By: Alberto Melendez

0   2.75   5.5   11   16.5   22
                                          Miles

Citation

Chromley, EK and McLafferty SL. 2012. Chapter 9, Analyzing Access to Health Services, GIS and Public Health, 2nd Edition. p.303-337