I. Introduction

This report includes population projections out to the year 2040 for the all counties, cities, towns, and villages in the Genesee/Finger Lakes Region. A top down approach was used, where the region was capped within New York State, and then each county within the region, and finally all the municipalities within the counties were finalized.

II. Methodology

The methodology was developed primarily by the Capital District Regional Planning Commission, and has been reviewed and agreed upon by the other Regional Planning Organizations within New York State.

The Population Projection Model involves two distinct stages: a quantitative first stage using a log-linear projection model set up in a MS Excel Workbook, and a qualitative second stage using non-quantitative judgments of the likelihood and extent of future population change within particular jurisdictions. The result is a final population projection for each county, and the towns and villages within it.

A. Quantitative Stage

The Log-Linear model — so-called because of its straight-line form when plotted and a logarithmic scale for X-axis measurements — uses historic population to forecast or project future population based on a logarithmic curve, which is the best general model for natural populations.

The mathematical form of the model is:

$$Y = b0 + b1 \times \ln(X)$$