

Lextran Transit Service & Fare Equity Analysis

Transit Authority of Lexington

RLS & Associates, Inc. (RLS) conducted a Transit Service & Fare Equity Analysis to assess Lextran's compliance with the requirements of FTA's revised Circular 4702.1B Title VI and Title VI-Dependent Guidelines for Federal Transit Administration Recipients which was issued in 2012.

RLS conducted a passenger survey to assist with the Service and Fare Equity Analysis. The survey was designed to collect information based on race, national origin, English proficiency, income, and travel patterns of riders. Over 1,200 surveys were collected and analyzed to determine if Lextran was in compliance with the new Title VI regulations. The surveys were coded by bus stop and/or route. The survey results were then compared to previous surveys as well as U. S. Census American Community Survey Five-Year Estimates for 2010.

The second part of the project was to conduct a Fare Equity Analysis for Lextran's proposed service changes to measure the potential effects on minority and low-income populations. The average percentage of minority and low-income in each census tract in the Lextran service area was determined and analyzed against the routes that were proposed to be changed. Several options were proposed by RLS to mitigate the effects of a service and fare change on minority and low-income populations.