

Use of LED Data in Estimating Jobs Accessed through the Federal JARC Program

Question your work tried to answer	How many low-income jobs were accessed as a result of transit services funded through the federal Job Access Reverse Commute (JARC) Program?
Local Employment Dynamics data sources used	<input checked="" type="checkbox"/> OnTheMap <input type="checkbox"/> QWI <input type="checkbox"/> Industry Focus <input type="checkbox"/> Raw data files from CD or VRDC <input type="checkbox"/> Other: _____
Other data sources used	Dun & Bradstreet (for states not participating with LEHD at time of analysis)
Software/ data processing tools used	ArcGIS, Microsoft Excel
Brief description of methodology (if someone wanted to do a similar analysis, how should they approach it?)	<p>Generate a random sample of transit routes using the Excel random number function (or analyze all routes) and digitize routes using GIS software or directly in OnTheMap. Choose desired "Results" settings when prompted by OnTheMap and download desired files.</p> <p>Using the data obtained from OnTheMap export, calculate total jobs and any other factor desired. In our case, we applied the percentage of low-wage jobs by NAICS code factors to the numbers to calculate low-wage jobs. These figures were then entered into the spreadsheet listing all of the routes in the sample.</p>
Benefits of methodology/ data	<p>Can be replicated for year to year analysis</p> <p>Results can be used to demonstrate program benefits/effectiveness</p> <p>Data is free</p> <p>Capital input is minimal if user does not use GIS software (primarily labor costs involved)</p>
Drawbacks/problems with methodology/data	<p>Results are intended to provide national-level data and can't be unrolled to a local estimate</p> <p>May not reflect unique local conditions</p>
Anything else?	
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