Accessiblity of WIC Products A Network Analysis of WIC Retailers in Tacoma



Here a network analysis was conducted to determine the best route for WIC distributors delivering to the Tacoma area. The following output displays the shortest route that could be used to reach all Tacoma WIC retailers. Stops were set at each of the 17 WIC retail locations.



Resources: Washington Department of Health and WAGDA Projected Coordinate System: NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet



This analysis was conducted to determine the walkable service areas provided by each WIC retailer within the city of Tacoma. Using network analyst, 4 breaks were set for 5, 10, 20, and 30 minutes walking distance from local WIC retailers. The following output displays areas underserved by existing WIC retailers using a color gradient. Green represents areas within a short walking distance to a WIC retailer and areas with a greater than 20 minute walk are represented with red. This map could be helpful to determine further development and placement of future WIC retail locations.

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