A map of a city

Description automatically generatedA map of a city

Description automatically generatedSchools and Restaurants in Mladá Boleslav

All data from OpenStreetMap, © OpenStreetMap contributors (<https://www.openstreetmap.org/copyright>). Schools are identified as locations tagged as “amenity:school” and restaurants are identified as locations tagged as “amenity:restaurant”, “amenity:fast\_food” or “amenity:food\_court”

This map was created in R using the sf and r5r packages. The layout including the figure and text was created in Microsoft Word.

Mladá Boleslav is a city in Czechia with a population of about 45,000 people. Based on data available through OpenStreetMap, it is home to 23 schools and 66 restaurants. This map shows the locations of schools and restaurants in Mladá Boleslav, with the school shown in varying colors to represent the number of restaurants within a ten-minute walking distance of each school. The shaded area represents the area of the city within a ten-minute walk of one or more restaurants. This is a total area of 8.7 square kilometers, which represents **about 30 percent** of the total area within the municipal boundary.