The objective of his study is to examine the unevenness of the spatial distribution of industry in Istanbul province on a neighborhood basis. The districts of Tuzla, Başakşehir, Esenyurt, Bağcılar and Ümraniye accommodate the most industrial enterprises in Istanbul (29.2%) while Şişli, Esenyurt, Bağcılar, Ümraniye and Tuzla districts accommodate the most employees (31.4%). On a neighborhood scale Organized Industry Zones, Small Industry Sites and zones which display various clustering are prominent areas with intense industrial activities. The basic data source for the study is comprised of detailed enterprise related data obtained from the Chamber of Commerce of Istanbul, TÜİK and the Ministry of Science, Industry and Technology. Industrial zones have been examined by processing the detailed features of every enterprise on a GIS database and processing them on a digital map according to the location of their addresses.