Data Description

2024 年度プロジェクト：DB2024-07

Data Number （will be filled by the Commons Center）	DPPSCdbp_2024-07en
Title	Data on the accumulation of facilities at the city block and building level in Tokyo
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Summary（Subject and/or Methodology for generarion）	1. building- and block-level facility agglomeration data The data is based on the number and density of facilities in Tokyo by building, premise, block, district and 500m mesh. Method: Download the point data and polygon data of Amenity and Shop from OpenStreetMap, and count the number of facilities by building, site, street, town, and 500m mesh. The polygon data are counted by the district where the center of gravity belongs. The data by block, district, and 500 m mesh are also broken down by industry. 2. Commercial district based on the accumulation of facilities Description: This report contains data on the number and density of commercial facilities by business category for each commercial district in Tokyo, extracted based on points of interest (POIs) excluding schools, universities, police stations, and fire stations. Creation method: Based on the facility data in (1), clusters are formed with 20 or more facilities using HDBCAN for spatial clustering, and a series of city blocks including the clusters are defined as a single commercial district.
Update History（Versions, File names, Dates）	Ver.1（March 7, 2025） ・ Collection by building：東京都_建物別施設数および密度.shp/.cpg/.dbf/.prj/.shx ・ Collection by premise：東京都_敷地別施設数および密度.shp/.cpg/.dbf/.prj/.shx ・ Collection by block：東京都_街区別業種別施設数および密度.shp/.cpg/.dbf/.prj/.shx ・ Collection by district：東京都_町丁目別業種別施設数および密度.shp/.cpg/.dbf/.prj/.shx ・ Collection by 500m mesh：東京都_500m メッシュ別業種別施設数および密度.shp/.cpg/.dbf/.prj/.shx

	Commercial districts：東京都_商業集積地_業種別施設数および密度.shp /.cpg/.dbf/.prj/.shx
Data formats	ESRI Shapefile
Data sizes	・ Collection by building：916MB ・ Collection by premise：678MB ・ Collection by block：1.76GB ・ Collection by district：59.5MB ・ Collection by 500m mesh：39.3MB Commercial districts：28.4MB
Things to be aware of when using the data (e.g., required metadata)	
Related reports and/or papers	
Other remarks	Data for buildings, premises, and blocks were compiled using GIS data from the Tokyo Metropolitan Government's open data, the 2021 Ward Area and 2022 Tama Area Land Use Survey. https://catalog.data.metro.tokyo.lg.jp/dataset/t000008d2000000019