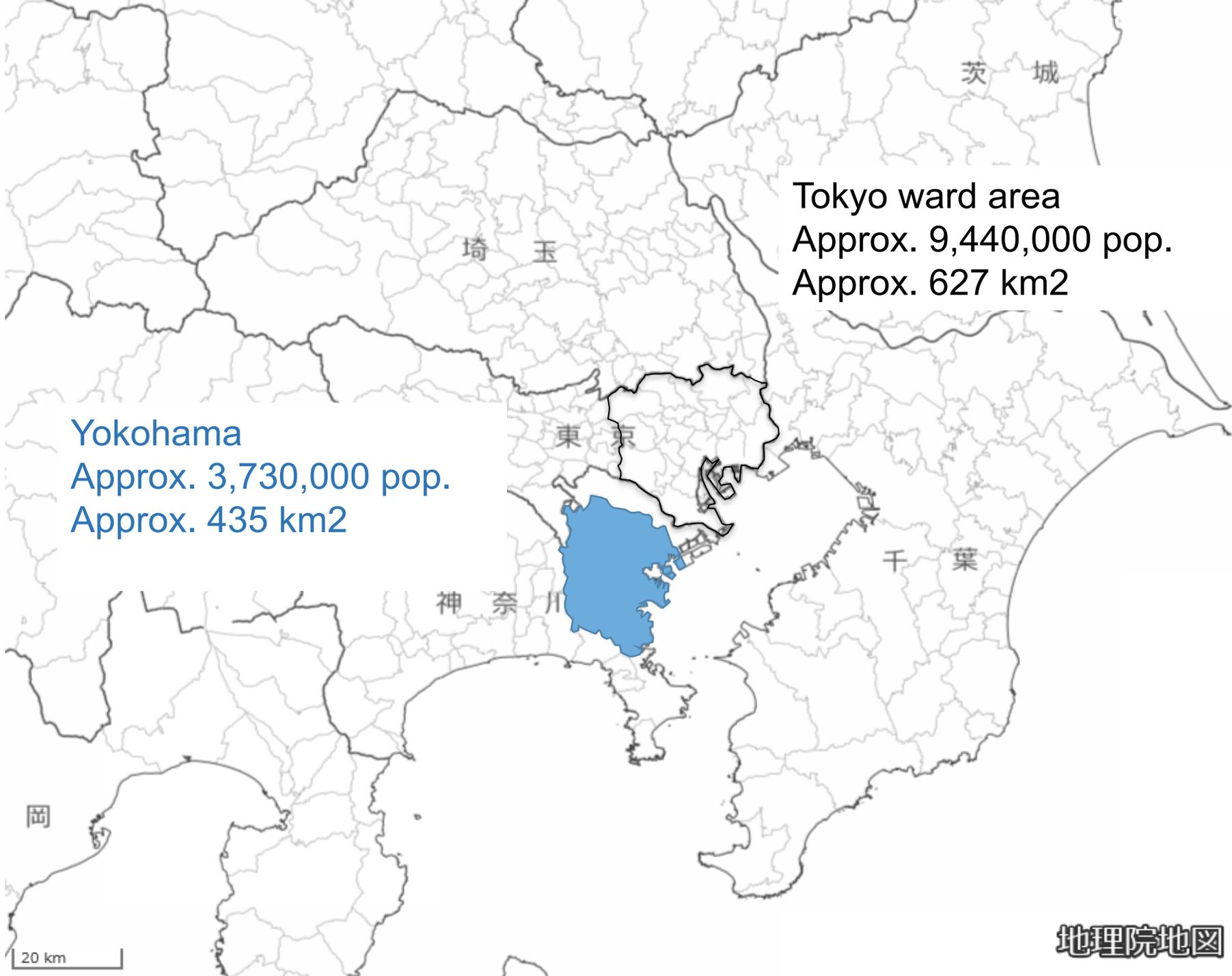


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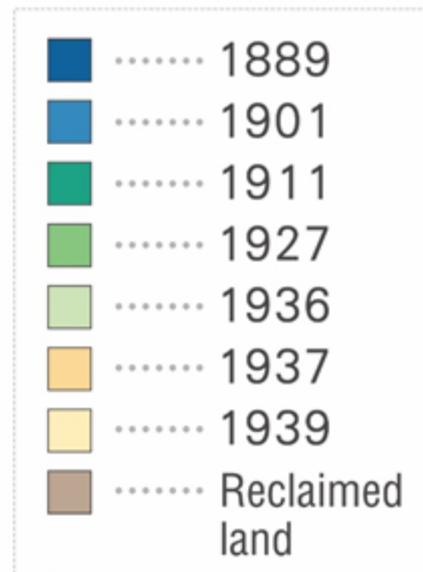
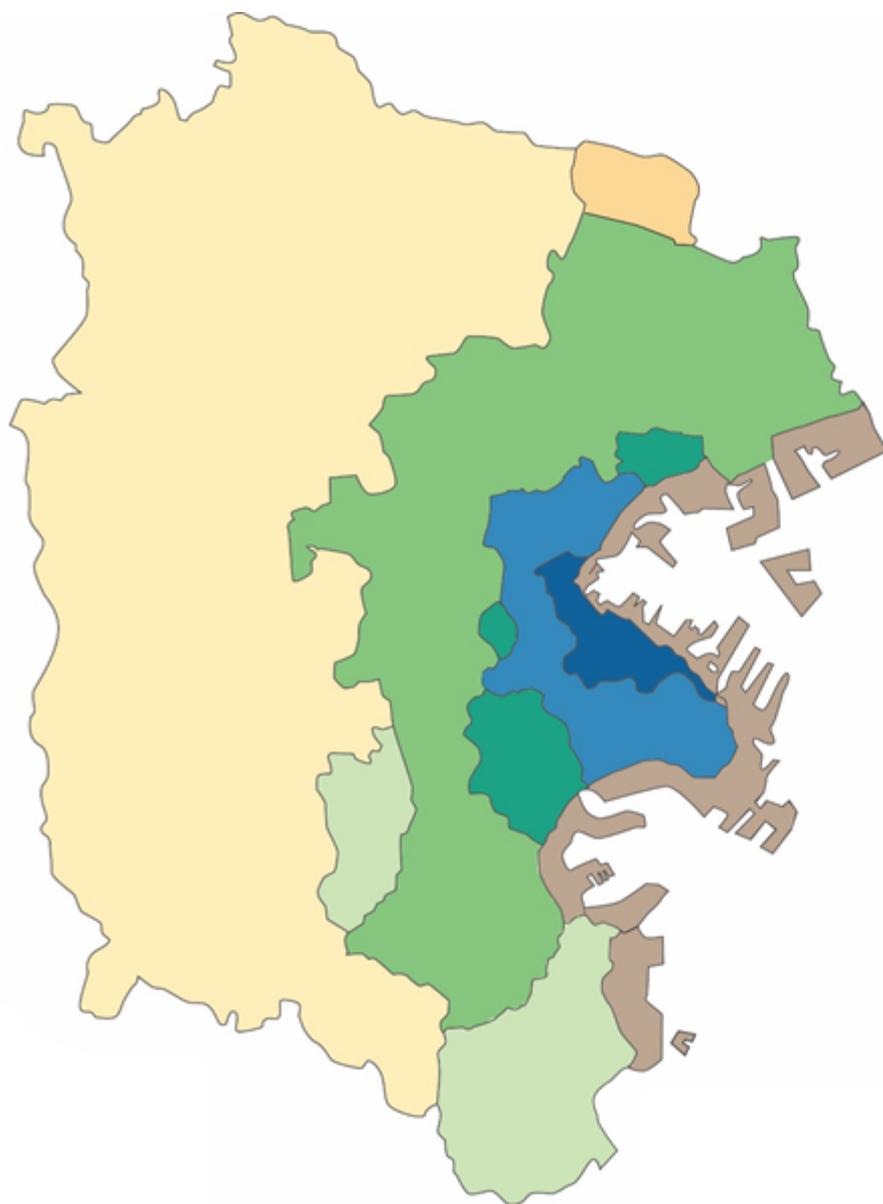
# Model Project in Sustainable Housing

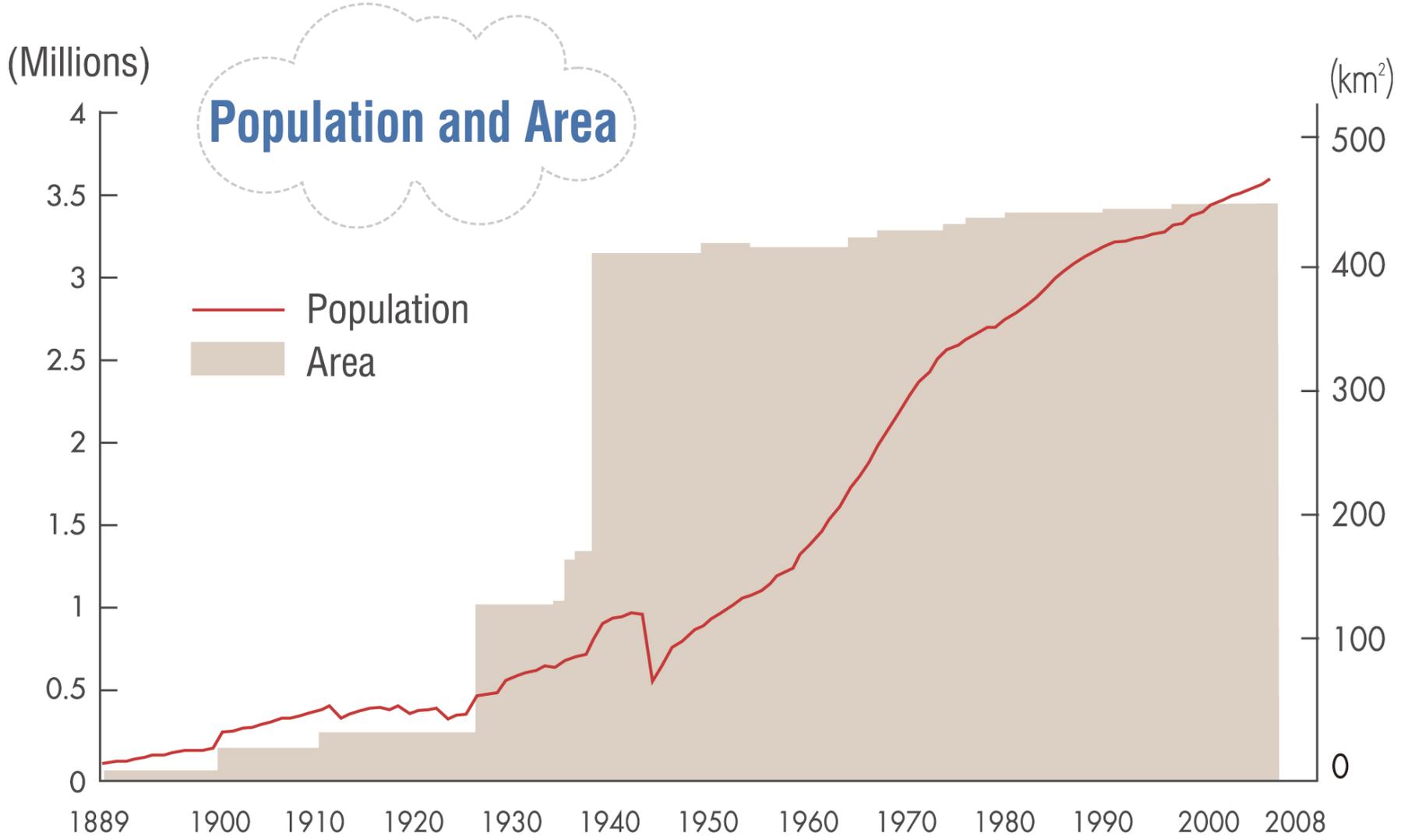
Kazuhiro Kobayashi, Assistant Director  
Housing and Architecture Bureau  
City of Yokohama



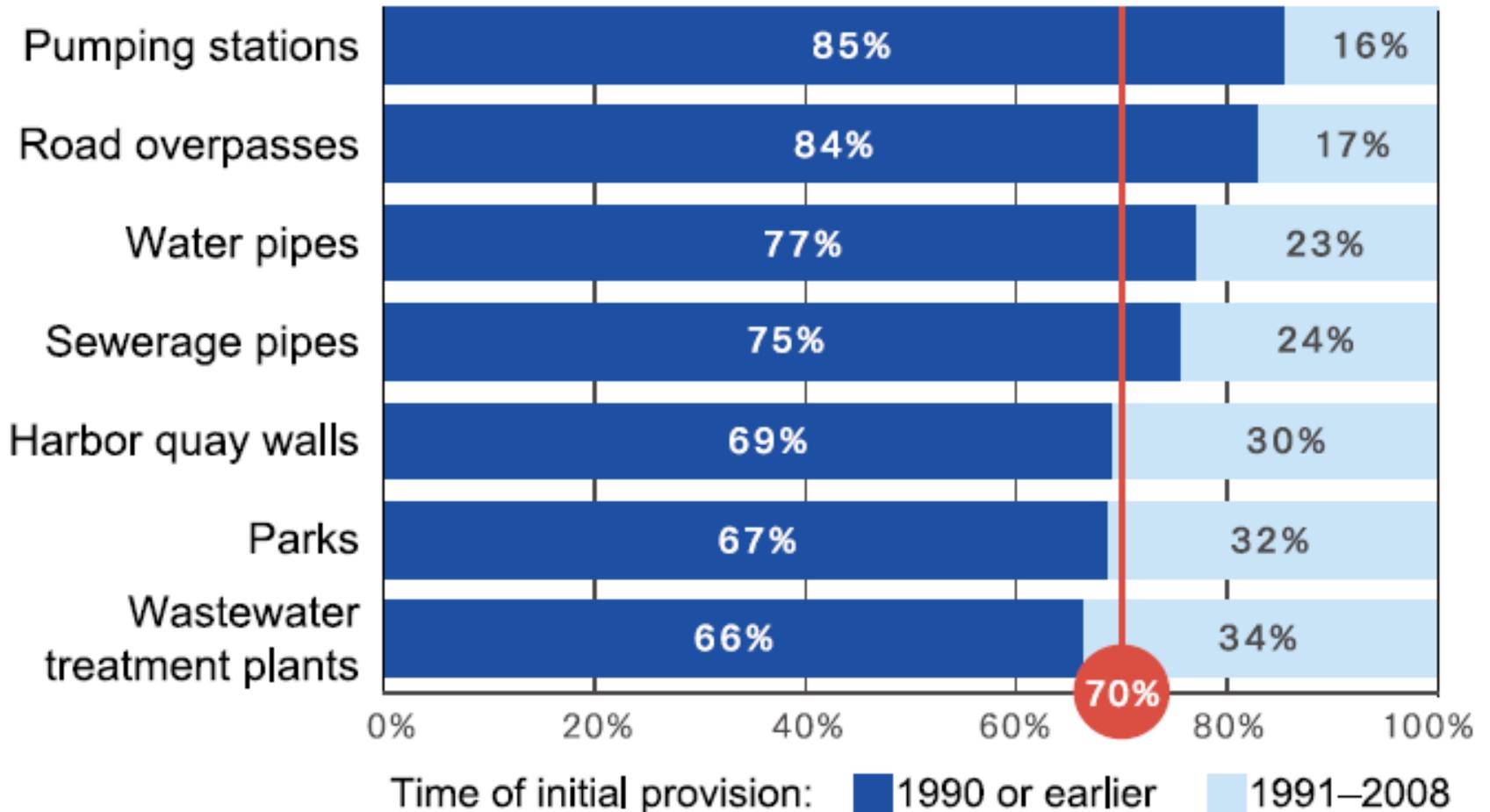
Tokyo ward area  
Approx. 9,440,000 pop.  
Approx. 627 km<sup>2</sup>

Yokohama  
Approx. 3,730,000 pop.  
Approx. 435 km<sup>2</sup>

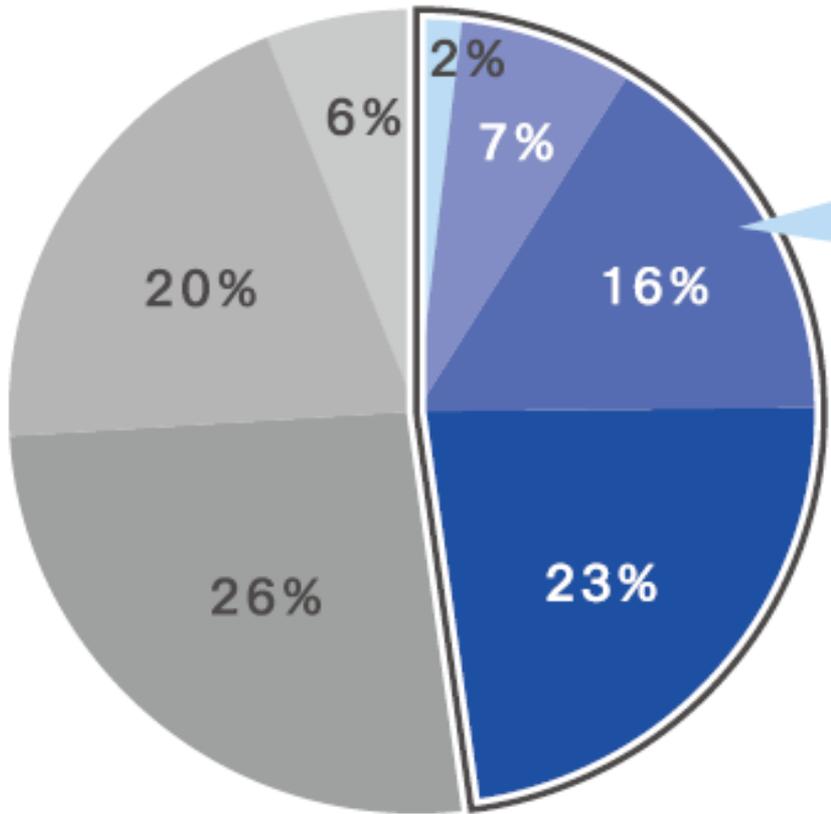




## Urban Infrastructure: Ratios by Age from Year of Initial Provision



# Housing: Ratios by Period Built



Ratio of housing aged **40 years or more** in 2030

40-year-old houses: **710,000**  
1.49 million total houses

- 1960 or earlier
- 1961-1970
- 1971-1980
- 1981-1990
- 1991-2000
- 2001-2010
- Unknown

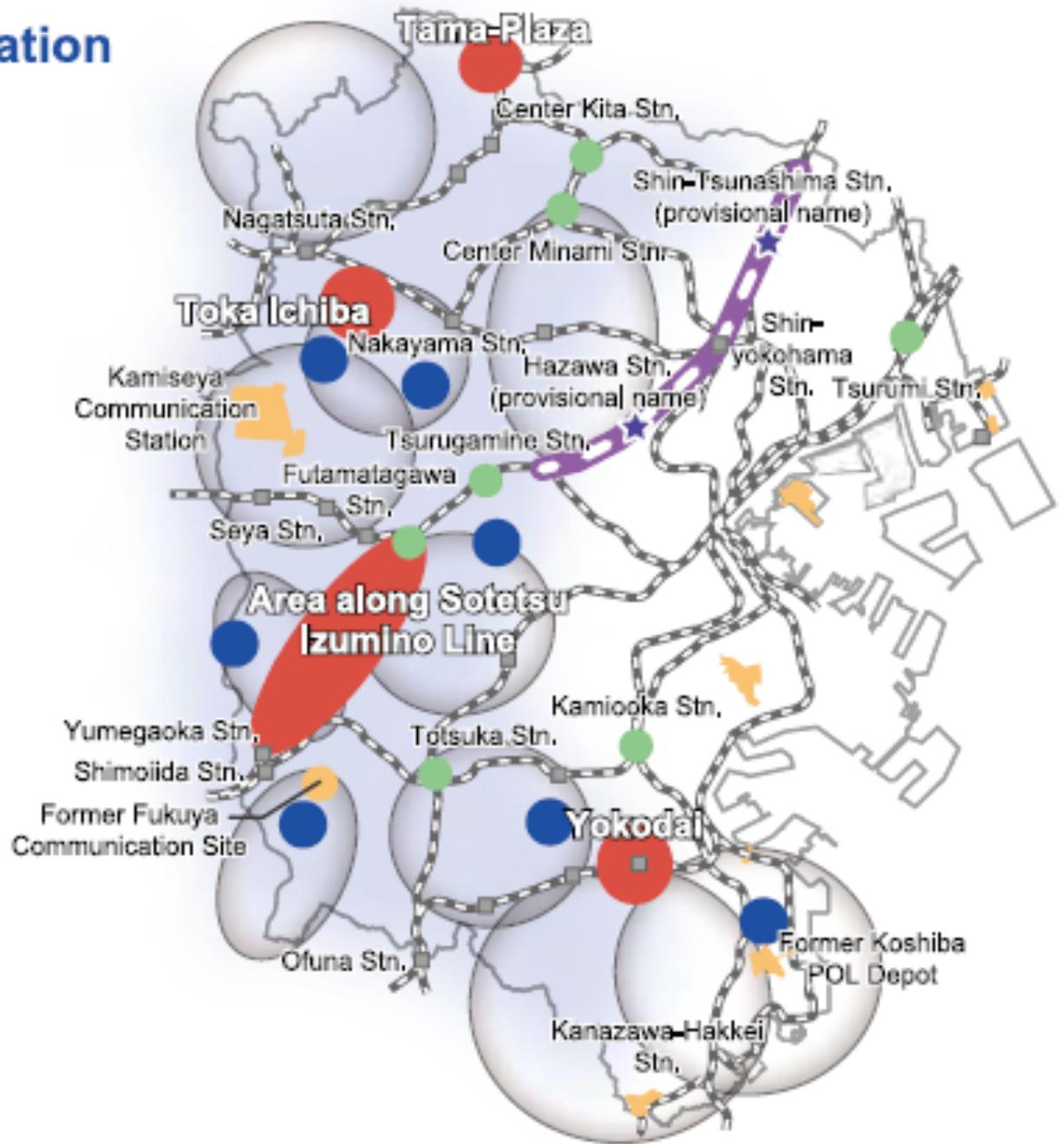
## Table 1: Rapidly advancing population decrease and population aging in large-scale housing developments

Comparison of population trends and rates of aging in large-scale housing developments\* and the city as a whole

Variation between 2000 and 2010		
Population trend	Whole city	+ 7.6%
	Large-scale housing developments	<b>- 18.4%</b>
Variation in rate of aging	Whole city	13.9% → 20.1%
	Large-scale housing developments	<b>13.6% → 31.0%</b>

\*Major multiple-dwelling housing developments built over 30 years ago, roughly 500 units or more

# Revival and Revitalization of Suburban Areas



## Legend (as of Dec. 2014)

- Sustainable residential neighborhood districts
- Major large-scale apartment building clusters (2,000 or more housing units)
- Important centers of daily life
- US Army facility (incl. those returned to Yokohama)
- Ten major green spaces
- Rail line toward eastern Kanagawa
- ★ Sites of new train stations
- Railway network

# Illustration of Community-building Initiatives in Suburban Areas

Housing development renovation

