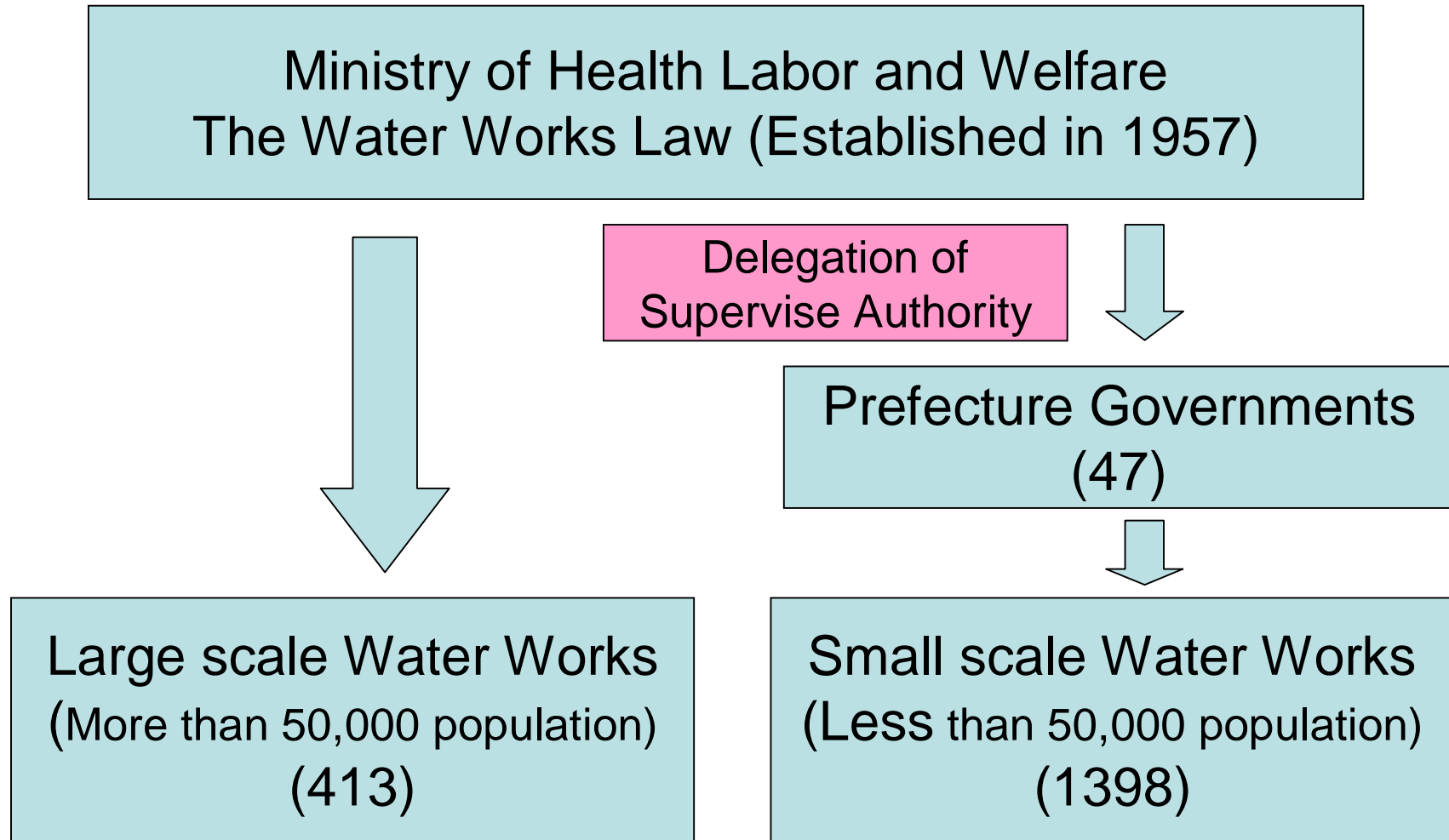


# Water Safety Framework in Japan



# The Water Works Law

- Article 1 : Objects
  - Improvement of hygiene condition by supplying clean, abundant and cheap water
- Article 4 : Water Quality Standards
- Article 5 : Facilities & Equipments Standards
- Article 18 : Request on Water Quality Test
- Article 20 : Water Quality Test
- Article 22 : Disinfection

# Water Quality Standards of Drinking Water in Japan

The Standards is based on the 4th Article of the Water Law in Japan.

- The standards values are basically same as the WHO Guideline values.
- The standards contain not only health related items but also aesthetics items.
- The standards is mandatory.
- Items Setting Targets For Water Quality Management are set as a candidate of future standards items. (Voluntary targets)

# Water Quality Standards of Drinking Water in Japan

- Standards Items (50 Items)
  - Microorganism
  - Heavy Metals
  - Inorganic
  - Organic Substances
  - Disinfection By-products
  - Aesthetic items
    - Taste, odor, color, etc.

- Items Setting Targets For Water Quality Management (127 Items)
  - Heavy Metals
  - Inorganic
  - Organic Substances
  - Disinfection By-products
  - **Agricultural Chemicals**
  - Aesthetic items
    - Odor, color, etc.

# Water Quality Test

- All water works have to conduct a water quality test by themselves.
- Water Quality Test on everyday
  - Turbidity
  - Color
  - Presence of Chlorine
- Periodical Water Quality Test (Monthly)
  - Standards Items (50)
  - Sampling points, sampling methods, Frequency and water quality determination methods are defined by MHLW.