



ASIA PACIFIC
PANDEMIC
PREPAREDNESS AND RESPONSE
REGIONAL FORUM



WORLD BANK GROUP



Ministry of Economy
and Finance

PARTNERSHIPS & INNOVATIONS FOR EVIDENCE-BASED HEALTH POLICY

Jaiyong Kim

Director
National Health Insurance Service



PARADIGM SHIFT IN INFECTIOUS DISEASE CONTROL

Local or limited population —→ Total population

State-led —→ Public-private co-work

Mandatory —→ Voluntary participation

Relatively short duration —→ Long-term epidemic & follow-up

Separated public service —→ A part of comprehensive health services

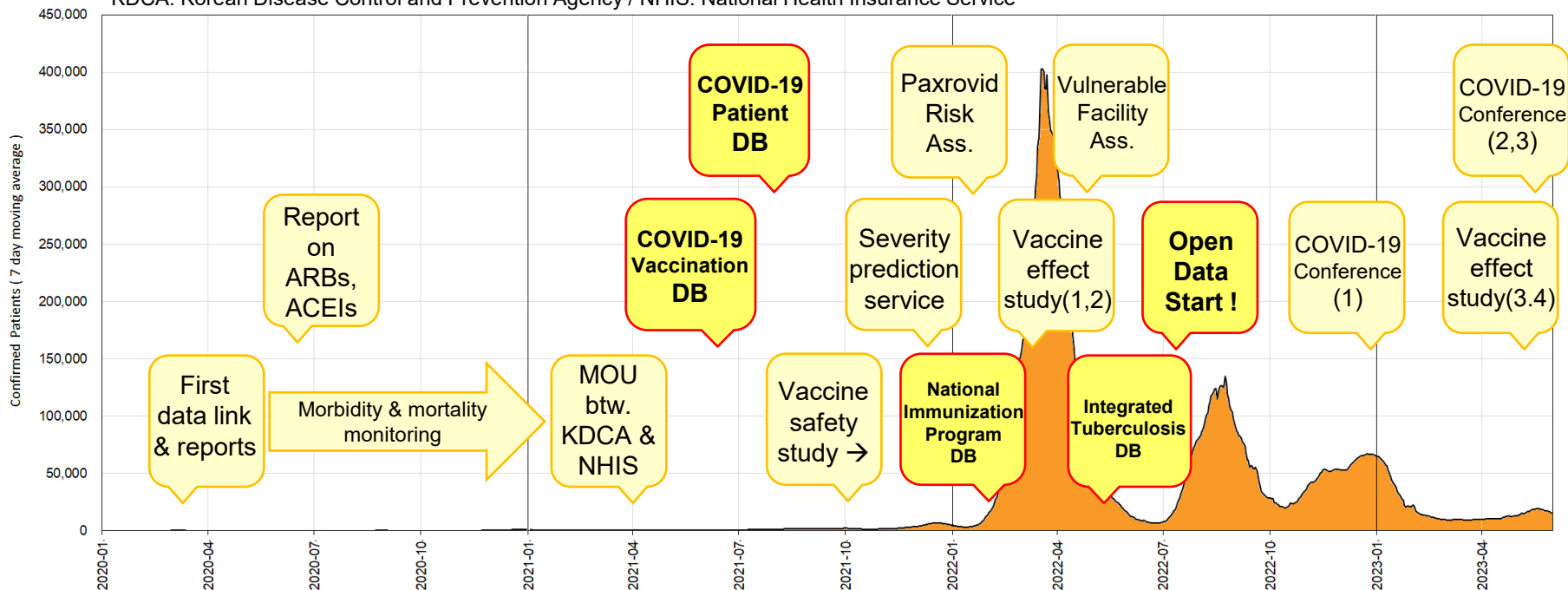
Known cause, treatment, and vaccine —→ Unknown cause, treatment, and vaccine

Manage reporting & vaccination —→ + Manage safety & effectiveness

Social trust, accountability, and evidence-based policy become more essential.

HISTORY of COLLABORATION btw. KDCA & NHIS

KDCA: Korean Disease Control and Prevention Agency / NHIS: National Health Insurance Service





QUANTITATIVE & QUALITATIVE CHANGES

- ✓ **Started with** Simple aggregated tables
 - ➔ In-depth analysis results with analysis education program
 - ➔ Customized service such as severity prediction score

- ✓ **Collaboration** : Temporary ➔ Periodic ➔ Constant
 - ➔ Institutionalized
 - * In September 2022, we amended the relevant legislation and entered into an outsourcing agreement.



QUANTITATIVE & QUALITATIVE CHANGES

- ✓ **Expansion of COVID-19 DB** : Vaccination, Confirmed patients, Field investigation, Adverse reactions, Medicines, and Follow-up study
- ✓ **Openness** : Collaboration btw. agencies
 - ➔ Public-private joint projects : K-COV-N(KDCA-COVID19-NHIS) DB
 - ➔ Open data for academic & private researchers
- ✓ **Beyond COVID-19**
 - National Immunization Program (NIP) Surveillance
 - National Integrated Tuberculosis DB with In-depth Analysis
 - Collaborative Committee for Chronic Disease Surveillance

