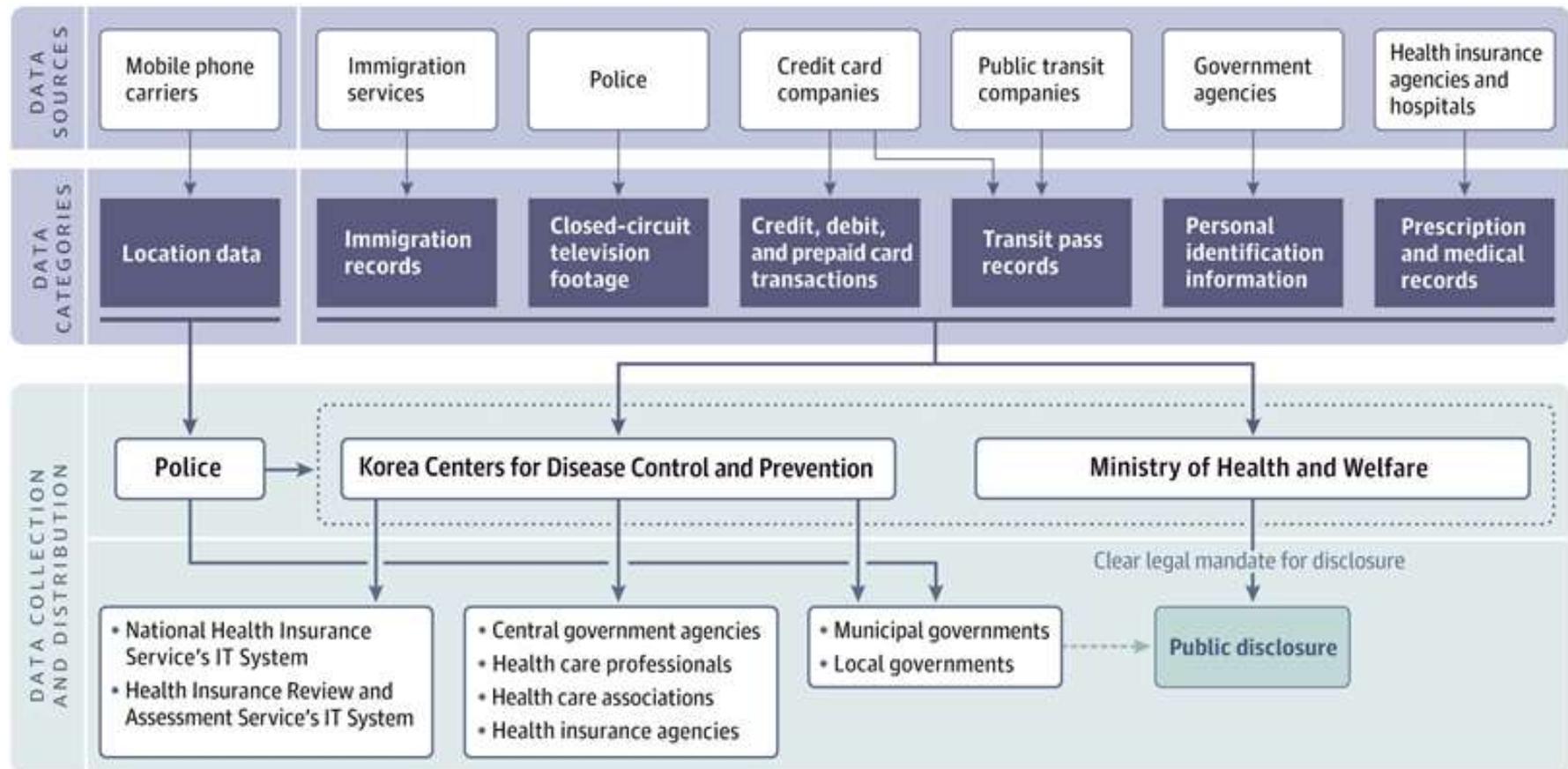


Session 2: Privacy and Other Considerations for Contact Tracing

- Effectiveness
- Necessity and proportionality
- Transparency and trust
- De-identification and other privacy enhancing technologies

Coronavirus Disease 2019 Contact Tracing in Korea: Sources, Categories, Collection, and Distribution of Data



Park, Choi & Ko, "Information Technology–Based Tracing Strategy in Response to COVID-19 in South Korea — Privacy Controversies" JAMA (April 23, 2020), <https://jamanetwork.com/journals/jama/fullarticle/2765252>

Korea JoongAng Daily
In association with The New York Times

Tuesday May 26, 2020
Daejeon
Fine Dust: 34 µm
20°C

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Thursday March 19, 2020 dictionary +A -A

Three fencers test positive for virus



- Three fencers?
 - “The Korean fencing team is on high alert after three of its team members tested positive for the coronavirus.”
 - “...a 25-year-old female fencer, who is a member of the Korean epee fencing team, tested positive for the virus...”
 - “Of the remaining five female epee fencers on the eight-woman team,...”

“Three fencers test positive for virus” Korea Joongang Daily (March 10, 2020), <https://koreajoongangdaily.joins.com/news/article/article.aspx?aid=3075128>

⚠️ EMERGENCY ALERTS Sun 3:25 PM

Emergency Alert
[영등포구청]코로나 두 번째 구민 확진자 발생(대림3동). 자세한 사항은 영등포구청 홈페이지 확인바랍니다.

⚠️ EMERGENCY ALERTS Sun 1:37 PM

Emergency Alert
[고양시청]3.1.코로나19 확진자1명 발생(주교동6통거주), 자가격리 중, 격리병원 이송예정, 주변소독완료,상세 내용은 홈페이지,카카오톡 고양시 채널에 게시 예정

⚠️ EMERGENCY ALERTS Sun 11:18 AM

<https://www.bbc.com/news/world-asia-51733145>

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South Korea

This article is more than 2 months old

'More scary than coronavirus': South Korea's health alerts expose private lives

'Safety guidance texts' sent by the authorities contain an avalanche of personal information and are fuelling social stigma

Coronavirus latest updates

Nemo Kim in Seoul
Fri 6 Mar 2020 04:46 GMT

592



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<https://www.theguardian.com/world/2020/mar/06/more-scary-than-coronavirus-south-koreas-health-alerts-expose-private-lives>

Necessity and Proportionality: Measures must be necessary and proportionate and, therefore, be science-based, necessary for a specific purpose, tailored to that purpose and likely to be effective. To assist in determining whether the measure in question is justifiable in the circumstances, governments should consider the following:

- **Necessity:** the public health purpose or purposes underlying a measure must be evidence-based and defined with some specificity. Is the purpose to notify users and advise them to take certain actions? Is it to assist public health authorities to better understand local conditions for resource allocation purposes? Is it for another purpose?
- **Proportionality:** the measure should be carefully tailored in a way that is rationally connected to the specific purpose(s) to be achieved,
- **Effectiveness:** the measure must be likely to be effective at achieving the defined purpose(s), and,
- **Minimal intrusiveness:** while the least intrusive option for the intended purpose should be chosen, and data minimization should be applied, where that cannot be achieved or demonstrated, governments should clearly communicate the rationale for the level of personal information that they need to collect.

Dissemination of Information to the Public about Covid-19 Patients

For Your Information
Types of personal information governments have released about coronavirus patients.

INFORMATION DISCLOSED	SINGAPORE	HONG KONG	SOUTH KOREA	U.K.	GERMANY	NEW YORK
Age and gender	✓	✓	✓	✗	✓	✓
Travel history	✓	✓	✓	✓	✗	✓
Workplace address	✓	✗	✓	✗	✗	✗
Home address (area)	✓	✓	✓	✗	✗	✗
Links to previous cases	✓	✓	✗	✗	✓	✗
Nationality if case is imported	✓	✗	✓	✗	✗	✗
Treatment location	✓	✓	✓	✓	✗	✗
Places visited prior	✓	✗	✓	✗	✗	✗
Identified contact persons	✗	✓	✓	✗	✗	✗
How case was confirmed	✗	✗	✓	✗	✗	✗
Geographical breakdown of patients	✗	✓	✗	✗	✓	✓

Note: New York identified the first patient in detail, but subsequent announcements just included geographic breakdown of patients.
Source: the governments

Liza Lin & Timothy W. Martin, “How Coronavirus Is Eroding Privacy” Wall Street Journal (April 15, 2020), <https://www.wsj.com/articles/coronavirus-paves-way-for-new-age-of-digital-surveillance-11586963028>