New Opportunities in Crime Statistics for Monitoring SDGs

Hyun Jung Park
Coordinator, UNODC-KOSTAT CoE
Centre of Excellence (CoE): Background

- Founded 2019
- Knowledge & Innovation hub

Centre of Excellence for Statistics on Crime and Criminal Justice in Asia and the Pacific

Crime and Criminal Justice Data

- Collection
- Production
- Analysis
- Dissemination
## Centre of Excellence (CoE): Roles

### UN-CTS

<table>
<thead>
<tr>
<th>1</th>
<th>International Homicide</th>
<th>5</th>
<th>Prisons</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Violent Crimes</td>
<td>6</td>
<td>Criminal Justice System (CJS) Personnel &amp; Capacity</td>
</tr>
<tr>
<td>3</td>
<td>Other Crimes</td>
<td>7</td>
<td>Victimization Survey</td>
</tr>
<tr>
<td>4</td>
<td>Criminal Justice System (CJS) process</td>
<td>8</td>
<td>ICCS Implementation</td>
</tr>
</tbody>
</table>

### Monitoring SDGs

1. No Poverty
2. Zero Hunger
3. Good Health and Well-Being
4. Quality Education
5. Gender Equality
6. Clean Water and Sanitation
7. Affordable and Clean Energy
8. Decent Work and Economic Growth
9. Industry, Innovation and Infrastructure
10. Reduced Inequalities
11. Sustainable Cities and Communities
12. Responsible Consumption and Production
13. Climate Action
14. Life Below Water
15. Life on Land
16. Peace, Justice and Strong Institutions
17. Partnerships for the Goals

### ICCS Levels

- **Level 1 Categories**
  - 01 Acts leading to death or intending to cause death
  - 02 Acts leading to harm or intending to cause harm
  - 03 Injurious acts of a sexual nature
  - 04 Acts against property involving violence or threat against a person
  - 05 Acts against property only
  - 06 Acts involving controlled psychoactive substances or other drugs
  - 07 Acts involving fraud, deception or corruption
  - 08 Acts against public order, authority and provisions of the State
  - 09 Acts against public safety and state security
  - 10 Acts against the natural environment
Centre of Excellence (CoE): Mission

Knowledge and Innovation Hub

National Technical Assistance
Regional Training
Research and Innovation
Crime Statistics with COVID-19

Challenge of data collection

Examine how we can measure pandemic-triggered crimes by utilizing technological innovations.
Potential Data Innovation (1)

Smart Policing Intelligence Network (SPIN)

Data

- Public
  - Local government
  - Public institution
  - Administrative data,
  - Market data of the region,
  - Housing data

- Private
  - News,
  - Website post,
  - Dark web information,
  - Internet fraud report data

Technology

- Internal and external network connection
- Pseudonymization, Blockchain DID
- Platform system

Korea National Police Agency

- 112 call
- Crime statistics
- Satisfaction survey
- Investigation report
Potential Data Innovation (2)

Smart Policing Big Data Platform

Secure Zone

Police & Public research

- 112 call
- Korea Information System of Criminal Justice Services
- Cyber intelligences
- Others in police system

Big Data

Data offering & Technology sharing

Authentication

Blockchain

Collaborative network

- Internet posting
  - News
- Dark webs
- Private fraud report
- Cryptocurrency transaction information

Big Data

Name
Phone number
Bank account
ID
URL / IP
Damaged goods
Etc.

Arrest criminal, early warning, block & delete (cooperation with public, portal, finance, etc.)
Crime Report: Burglary

On 6.3.2014. 04:45, searched around a phone store located in Y road, X city for stranding people. Suspect A was a look-out while Suspect B used a hammer to break-in through the window and stole Galaxy S5 along with 6 other phones worth a total of 4,926,900 KRW from Victim A (33).

<table>
<thead>
<tr>
<th>ID</th>
<th>Date</th>
<th>Damage (KRW)</th>
<th>Location</th>
<th>Means</th>
<th>Access Point</th>
<th>Entry Method</th>
<th>Damaged Goods</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>6.3.2014 04:45</td>
<td>4,926,900</td>
<td>Phone Store</td>
<td>Hammer</td>
<td>Window</td>
<td>Break-in</td>
<td>Galaxy S5 and 6 others phones</td>
</tr>
</tbody>
</table>
Possible Alternative for Crime Statistics

Pandemic: challenge for data collection

Utilize technological innovations

Capture ‘dark figure of crime’

Administrative Data

Crime-related Public Data

Big data
Centre of Excellence (CoE): Prospects

Inter-agency Cooperation

- Knowledge Sharing
- Technical Support
- Research Activity
Thank you!

Hyun Jung PARK
Coordinator
Hyun.park@un.org