

United Nations Statistical Commission

Fifty-third session

Item 3 (u) of the provisional agenda

Items for discussion and decision: big data

Document E/CN.3/2022/25 – Report of the Committee of Experts on Big Data and Data Science for Official Statistics

<i>Statement provided by:</i> Statistics Korea, The Republic of Korea	
<i>Statement:</i> The Republic of Korea would like to convey its appreciation to the Committee of Experts on Big Data and Data Science for Official Statistics (UNCEBD) for its excellent work. We'd like to ensure that the outcomes of its task teams that span across varying areas are shared and used among national statistical offices along with members of the global statistical community. Statistics Korea currently engages in the following activities in the application of big data. ① Leveraging big data in partnership with private sector organizations, we have developed 'nowcasting' indicators* for household spending, business sales, etc. and are preparing to make these indicators available on our Nowcast portal. (* 10 socioeconomic nowcasting indicators in the four areas of households, business establishments, jobs and public health) ② We are operating 16 regular training courses for data analytics and big data, and have opened a new data science training course in 2022. ③ R&D projects are being undertaken on personal data security enhancements such as homomorphic encryption and differential privacy. ④ Work is underway to leverage Artificial Intelligence to automate the classification process (standard industrial classification, online commodities classification, etc.). In alignment with the activities described above, we will proactively participate in every opportunity possible to collaborate with the task teams of UNCEBD, and hope to expand cooperation to share Statistics Korea's training materials. To ensure that the R&D work led by Statistics Korea on personal data privacy technologies including homomorphic encryption could contribute to personal data protection, we will openly share relevant information with the global community.	
<i>Submitted on:</i>	2/17/2022