



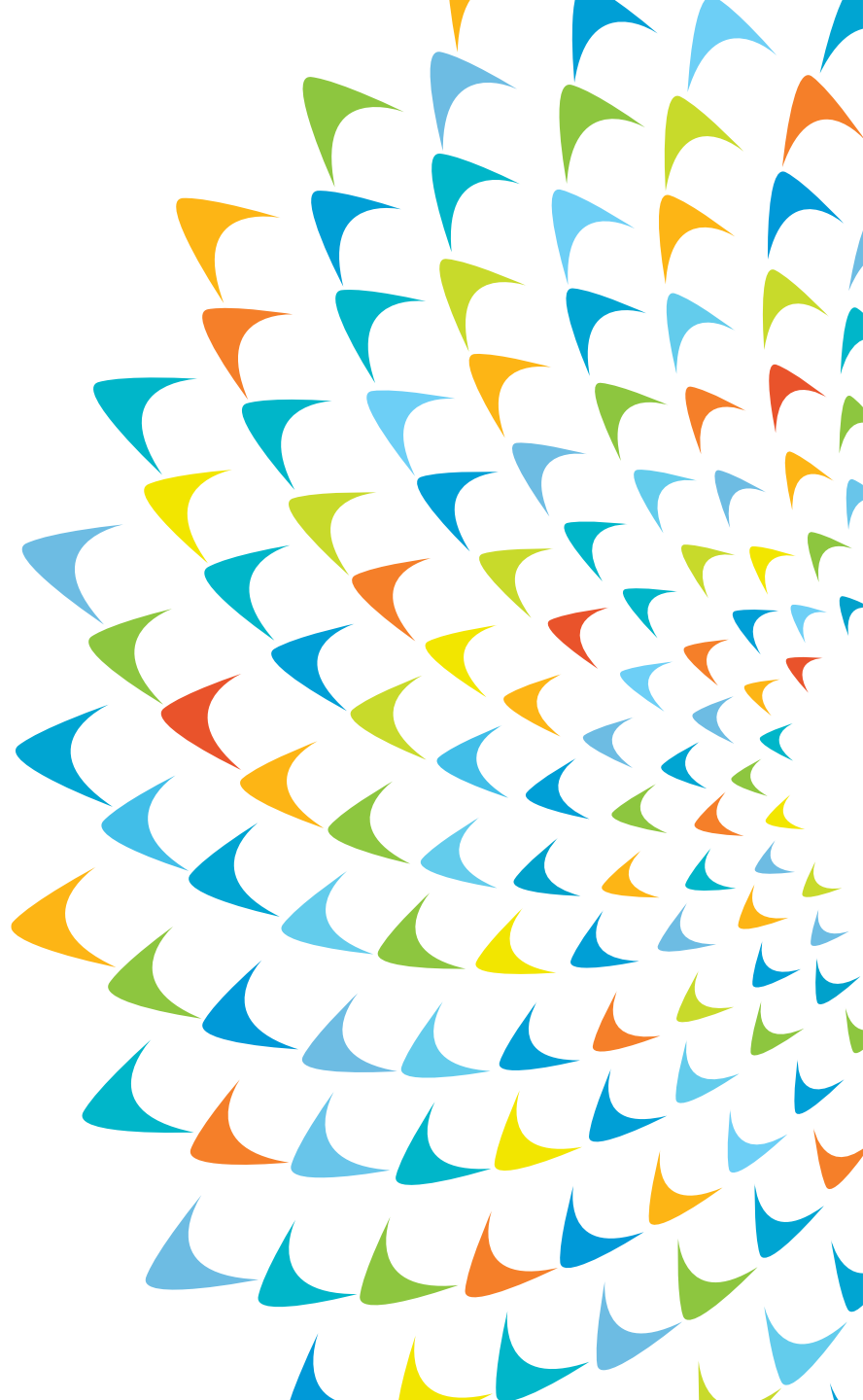
Innovative Technologies to Support Data Collection and Dissemination for SDG Monitoring

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April 2021



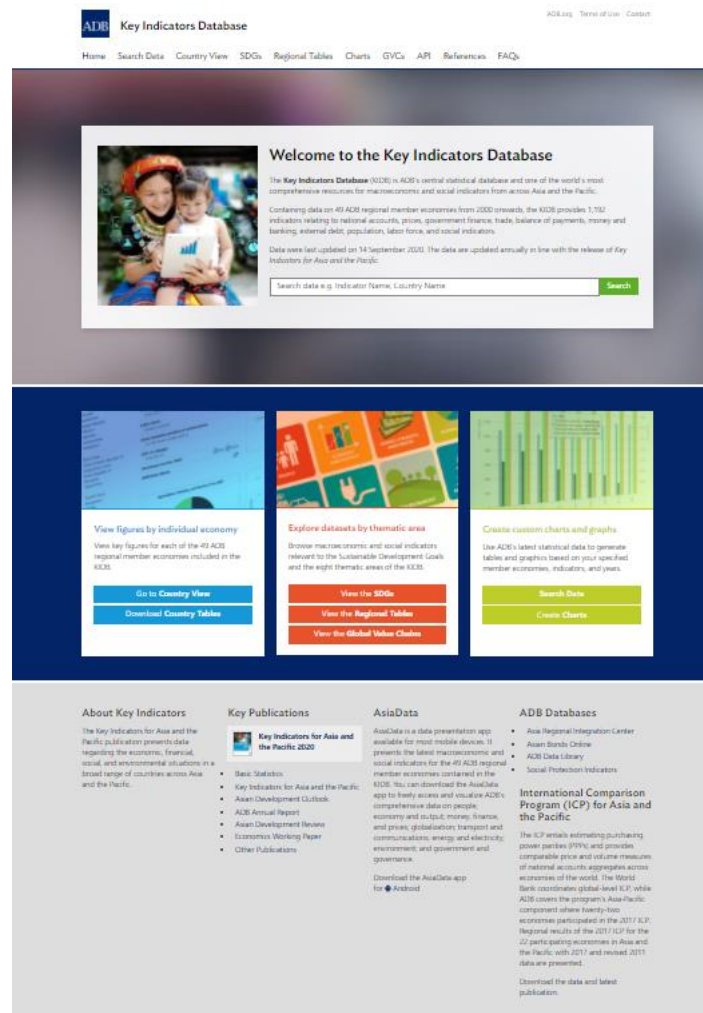


Outline of Presentation

- Key Indicators Database
- Innovative systems to collect and disseminate SDG indicators
- Initiatives to support innovations for data collection and dissemination



Key Indicators Database (KIDB)



- The Key Indicators for Asia and the Pacific (KI) is the statistical flagship publication of ADB.
- Data in KI are publicly available in the websites of the statistical partners (49 regional member countries) and international sources (e.g. IMF, UN, WB)
- The publication's data is also accessible in a digitized format via the Key Indicators Database (KIDB - <https://kidb.adb.org/kidb/>).



Key Indicators Database (KIDB)

Key Features

- Search bar to easily find available indicators
- Country view
- **Data Stories for SDGs and Regional Trends** →
- Charts or data visualization
- Different download options
- API to automatically download data
- FAQs

The screenshot shows the ADB Key Indicators Database (KIDB) website. The header includes the ADB logo and the title "Key Indicators Database". Navigation links include Home, Search Data, Country View, SDGs (highlighted), Regional Tables, Charts, GVCs, API, References, and FAQs. The main content area is titled "Sustainable Development Goals" and contains a paragraph explaining that there are 17 Sustainable Development Goals (SDGs) comprising 169 targets to be achieved by 2030. It also mentions that data were last updated on 01 January 2021. Below this, a section titled "17 Sustainable Development Goals" lists the first four goals: No Poverty, Zero Hunger, Good Health and Well Being, and Quality Education. Each goal is represented by a colored icon, a title, and links to View, Full Story, and Indicators.

Goal Number	Goal Name	View	Full Story	Indicators
1	No Poverty	View	Full Story	Indicators
2	Zero Hunger	View	Full Story	Indicators
3	Good Health and Well Being	View	Full Story	Indicators
4	Quality Education	View	Full Story	Indicators

<https://kidb.adb.org/kidb/sdg>



Innovative systems

- KIDB backend called KStudio has been extracting SDGs data from international sources through APIs (Application Programming Interface)
- Users can extract data through KIDB API (<https://kidb.adb.org/api/>) which uses Statistical Data and Metadata eXchange (SDMX) format



Innovative systems

- Purpose of SDMX:
 - To standardize and modernize the mechanisms and processes for the collection, processing, and exchange of statistical data and metadata
- SDMX consists of:
 - Technical standards
 - Statistical guidelines
 - IT architecture and tools
- Governance structure:
 - SDMX Sponsors Committee – representatives from SDMX sponsor organizations; ultimate decision-making body
 - SDMX Secretariat – senior experts; interface between sponsors committee and working groups
 - SDMX Technical and Statistical Working Groups – maintain and improve SDMX technical and statistical standards



Initiatives to support innovations

- The Statistics and Data Innovation Unit (SDIU) of ADB is promoting SDMX as a tool to exchange data in Asia and the Pacific.
- For economic statistics as of 1st quarter of 2021, 20 ADB developing member countries (DMCs) are already providing key economic indicators in SDMX format using IMF's National Summary Data Page.
- For SDGs, indicators in SDMX are available for the National Statistical Office (NSO) of Cambodia and Pacific Islands (through SPC) data using .StatSuite.



Initiatives to support innovations

- SDIU is currently supporting National Statistical Office (NSO) of Thailand in implementing SDMX for SDGs
- SDIU is partnering UNSD, UNESCAP, and SIAP to promote SDMX in the region, by developing an SDMX online training course to support a uniform data access and dissemination
- SDIU is also exploring and is the pioneer to use the ADB API Gateway



Initiatives to support innovations

Other innovative methodologies being implemented by SDIU to ensure SDGs data collection:

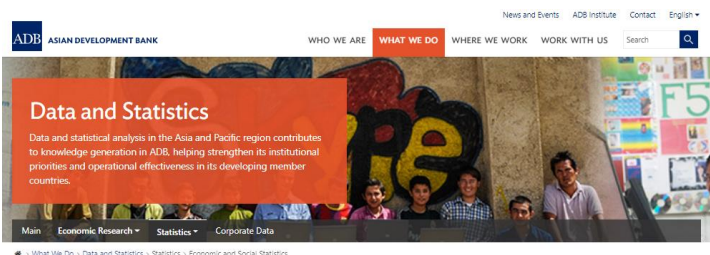
- Use of computer-assisted personal (or telephone or web) interviewing (CAPI/CATI/CAWI)
- Development of statistical business registration system
- Use of remote sensing in agricultural statistics
- Use of big data for poverty mapping



Thank you.

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<https://www.adb.org/what-we-do/data/economic-social-statistics>



Economic and Social Statistics

Data goes hand in hand with empowerment. High quality data, with its power to inform and drive action, is needed more than ever.

ADB acknowledges the need for reliable, timely, granular, and integrated data, as well as innovative ways to produce them, to guide economic and social development to ensure that nobody is left behind. To aid in evidence-based policymaking, ADB produces key knowledge resources and partners with statistics agencies in Asia and the Pacific to improve the region's capability to produce effective statistics.

