

Overview of the 2020 White Paper on Information and Communications in Japan

Part 1 Special Theme: Digital Transformation and New Lifestyles Prompted by 5G

Chapter 1 5G Infrastructure for the Reiwa Era

- Provides an overview of 5G and basic facts on frequency allocations and the status of 5G service rollout as well as a summary of the structural changes in the digital economy 5G will bring.

Chapter 2 Digitalization throughout Society Driven by 5G

- Examines the status of efforts to solve social issues using ICT and efforts to promote digitalization throughout society ahead of the 2020 Tokyo Olympic Games, and summarizes the current state of digitalization in Japan as an advanced nation confronting multiple challenges.
- Covers COVID-19's impact on information circulation and efforts toward business continuity in different sectors, organizes challenges that have appeared due to COVID-19, and looks at prospects in the post-COVID-19 society.
- Considers, based on case studies, how 5G implementation may transform various economic sectors (disaster mitigation, transportation (autonomous driving), manufacturing, entertainment, and others).

Chapter 3 Data Flow and Security Underpinning the 5G Age

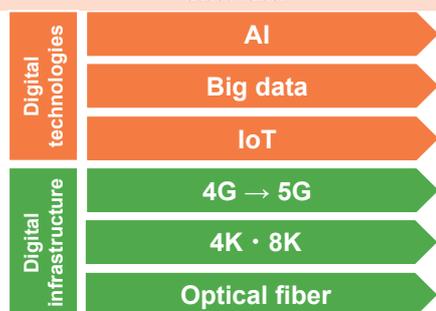
- Ascertains changes in attitudes by individuals and companies toward data use, compares data use in Japan with other countries, and surveys the impact of data use on company activities.
- Considers, based on user attitudes, approaches to cybersecurity in the 5G age.

Chapter 4 Beyond 5G

- Provides a vision of Japan's society in the 2030s created through 5G, the IoT, AI, and other innovations, and presents Beyond 5G movements in Japan needed to realize that vision of future society.

Life before COVID-19

Our society promoted digital transformation through digital infrastructure development and digital technology utilization with the aim of increasing industrial efficiency and enhancing added value.



Life with COVID-19

On the premise of the protection of human lives, our society will irreversibly evolve into a new phase to completely synchronize cyber and real spaces and create new values.



Chapter 5 Basic Data on the ICT Field

This chapter provides extensive data on trends in the market size, the number of workers, and other statistics about Japan's ICT industry as well as on ICT service usage trends, relying primarily on results of surveys conducted by MIC, including the Basic Survey on the Information and Communications Industry and the Communications Usage Trend Survey.

Chapter 6 ICT Policy Directions

This chapter presents Japan's latest ICT policy trends, centering on initiatives by MIC, in various fields, including telecommunications, radio, broadcasting, ICT use and application, research and development, and international strategies.