

Overview of the 2022 White Paper on Information and Communications in Japan

Part 1

Special Topic (50 years since the publication of the first Information and Communications White Paper – changes in ICT and digital economy)

Part 1 overviews the evolution of ICT services/technologies and changes in the international situation surrounding ICT in the 50 years since the publication of the first white paper, and looks over the current state and challenges facing Japan in the ICT field, as well as future prospects.

Introduction Changes in the Environment from the Time of the Publication of the First White Paper up to Now

- Diversification and sophistication of ICT service and utilization

Chapter 1 Review of Changes over the Past 50 Years in Chronological Order

- This chapter divides the 50 years since the first White Paper publication into five periods from the point of views such as ICT advancement, service diversification, and **summarizes changes in the systems, services, technologies, etc.** in each period.
 1. Around 1973 to 1985: **Age of Analog Communications and Broadcasting**
 2. Around 1985 to 1995: **Development of Communications and Broadcasting Markets and Appearance of New Services**
 3. Around 1995 to 2005: **Spread of Internet and Mobile Phones**
 4. Around 2005 to 2015: **Expanding Broadband and Mobile Phone Usage**
 5. From 2015: **ICT as Social and Economic Infrastructure**

Chapter 2 Future Prospects of Japanese Society

- While **taking a view of the future roles of ICT** in Japan with various social challenges, this chapter takes an **overview of responses to the challenges that have been appearing with the development of ICT into social and economic infrastructure.**

Part 2

Current Status and Challenges for Information and Communications

Part 2 overviews market trends in the information and communications field and the current status of digital technology utilization, and summarizes the current status, challenges and future directions of information and communications policy.

Chapter 3 Trends in the ICT Market

- Analysis of **the overall status of Japan's ICT industry** (e.g., GDP of the information and communications industry, investments in computerization by private companies and imports/exports of ICT goods/services)
- Analysis of the current status of **each ICT sector (e.g., telecommunication, usage status of radio waves, equipment/terminal-related businesses)**
- Analysis of the current status of **digital technology utilization** in Japan and abroad

Chapter 4 Status of ICT Policy at MIC

- Summary of **cross-departmental initiatives** (e.g., "Promotion Headquarters of the Vision for a Digital Garden City Nation, MIC"; "Desirable information and communications policies toward 2030") and **the policies implemented by MIC and future directions** in each policy area (e.g., telecommunication, radio, broadcasting policies)