



**INTERNATIONAL TELECOMMUNICATION UNION**  
**Telecommunication Development Bureau**  
Telecommunication Statistics and Data Unit

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# Japan's ICT Statistics

## Its Collection and Dissemination

January 2003

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### Three methods for data collection

- ✗ Use of administrative records
- ✗ Conducting statistical surveys
- ✗ Use of the data compiled by private organizations

## **ICT Statistics by the use of administrative records**

- ✗** Compiled by the Ministry of Public Management, Home Affairs, Posts and Telecommunications
- ✗** Radio Law, Wire Telecommunication Law, Telecommunications Business Law, NTT Law etc.

## **Main ICT Statistics from administrative records**

- ✗** Number of telephone contract, of cell phone and PHS subscriber, of Internet user
- ✗** National/international telephone traffic
- ✗** Number and operating revenues of telecommunication carriers
- ✗** Number of radio station
- ✗** Coverage of fiber optic networks in Japan

## **ICT Statistics by statistical survey**

### **System for government statistical activities**

- ✘ De-centralized system for government statistical activities**
- ✘ A government-wide coordinating organ**

## **ICT Statistics by statistical survey**

### **Current efforts**

- ✘ IT Basic Law implemented in Jan. 2001**
- ✘ ICT statistics to be compiled/released via the Internet**
- ✘ Adding ICT related questions to the existing surveys or starting new ICT surveys**

## **ICT Statistics by statistical survey**

### **ICT related survey items**

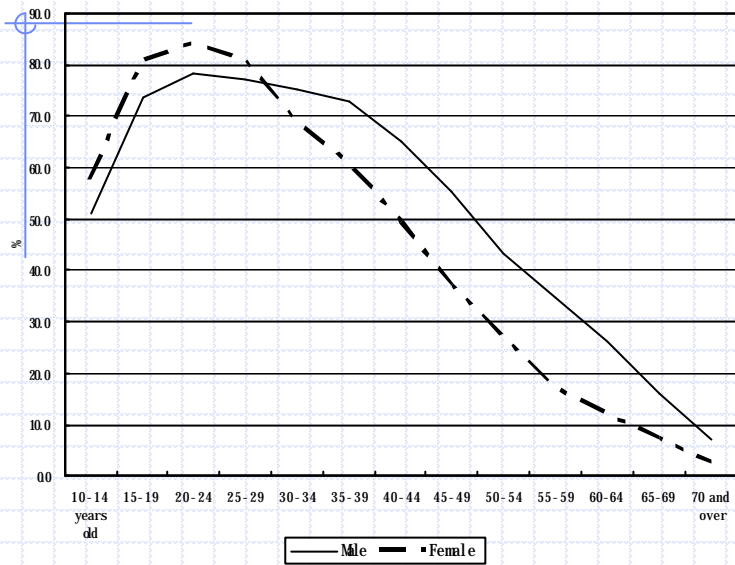
- ✗** Items concerning overall business activities of specific ICT related industries
- ✗** Items on the possession of ICT facilities
- ✗** Items concerning e-commerce
- ✗** Items on purchasing ICT goods and services
- ✗** Items on time spent and purpose for the use of PCs or the Internet

## **ICT Statistics by statistical survey**

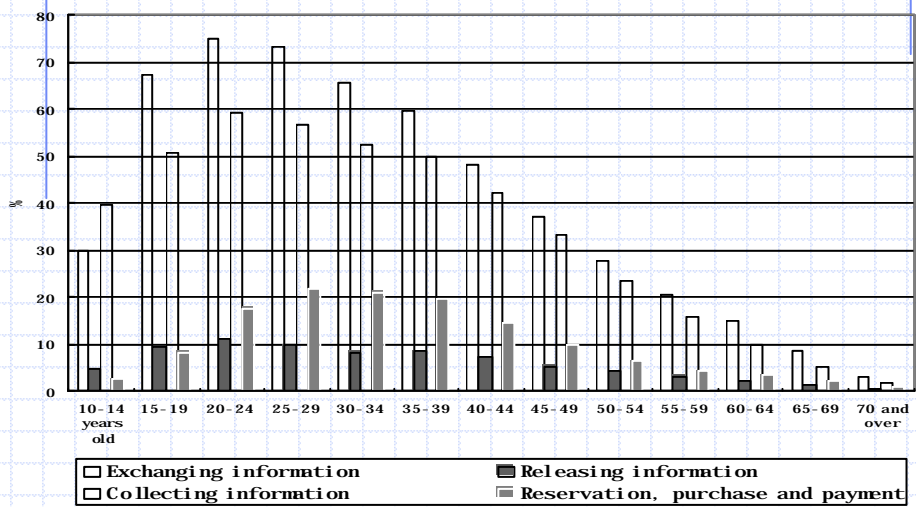
### **Main ICT surveys**

- ✗** **Survey of Telecommunication Industries**
- ✗** **Communications Usage Trend Survey**
  - ✗** Enterprise, Establishment, Household questionnaires
- ✗** **Establishment and Enterprise Census**
- ✗** **Survey on Time Use and Leisure Activities**

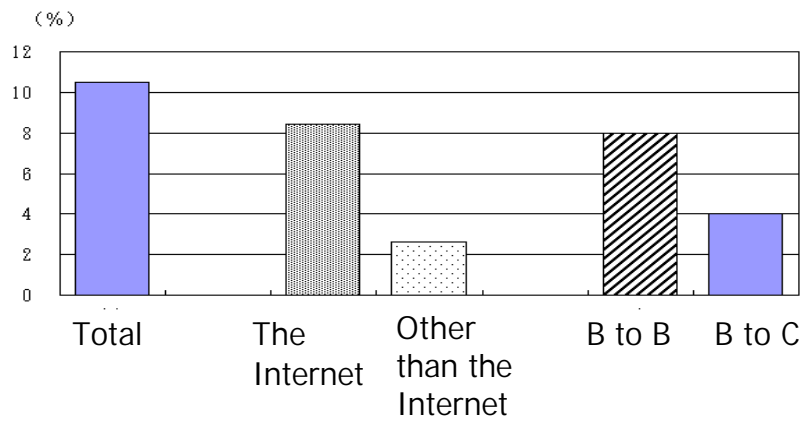
**Graph 1**  
**Internet penetration rate by sex and age-group**



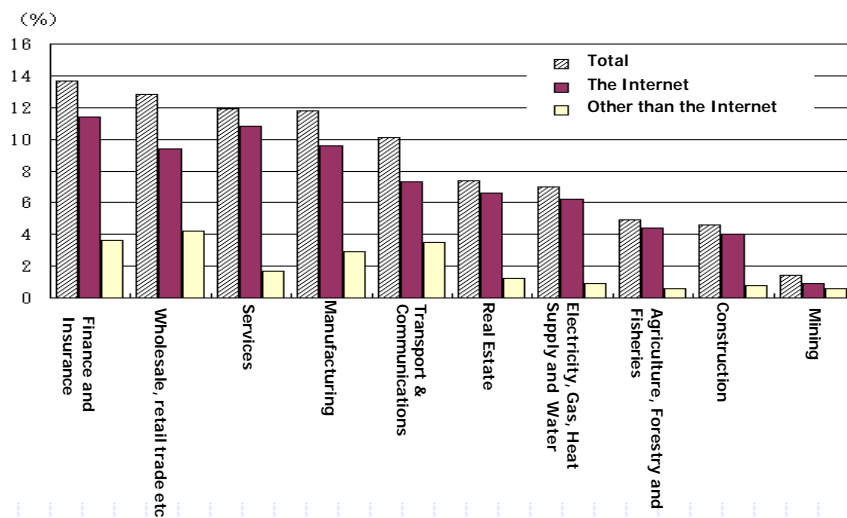
**Graph 2** Internet penetration rates by age-group and purpose



**Graph 3 Introduction of e-commerce among incorporated enterprises**



**Graph 4 E-commerce penetration rates by division of industrial classification**



## ICT Statistics Compendium

### “IT INDICATORS IN JAPAN”

- ✘ Statistics Bureau of the Ministry of Public Management, Home Affairs and Posts and Telecommunications firstly published in 2001
- ✘ Released at the Bureau’s Website,  
<http://www.stat.go.jp/english/data/it/index.htm>

## ICT Statistics by private organizations

- ✘ The Telecommunications Carriers Association  
<http://www.tca.or.jp/index-e.html>
- ✘ The Association of Radio Industries and Businesses  
<http://www.arib.or.jp/english/index.html>
- ✘ Communications and Information Network Association of Japan  
[http://www.ciaj.or.jp/contents\\_en/index\\_en.htm](http://www.ciaj.or.jp/contents_en/index_en.htm)
- ✘ The Japan Electronics and Information Technology Industries Association  
<http://www.jeita.or.jp/english/index.htm>
- ✘ Japan Information Technology Services Industry Association  
<http://www.jisa.or.jp/en/index.html>

## Conclusion

- ✘ ICT related items to be included further in the surveys of various fields
- ✘ Clear role sharing to be made between monthly/annual surveys and periodical large-scale surveys
- ✘ Some kind of indices may be developed to evaluate the e-Japan policy measures

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