

Japanese ICT Statistics and New JSIC with the Information and Communications Division

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Japanese ICT Statistics

- 41 kinds of official statistical surveys containing questions related to ICT have been conducted in the past 5 years.
- 26 surveys for enterprise / establishment
- 13 surveys for household / individual
- 9 surveys for government / university .etc

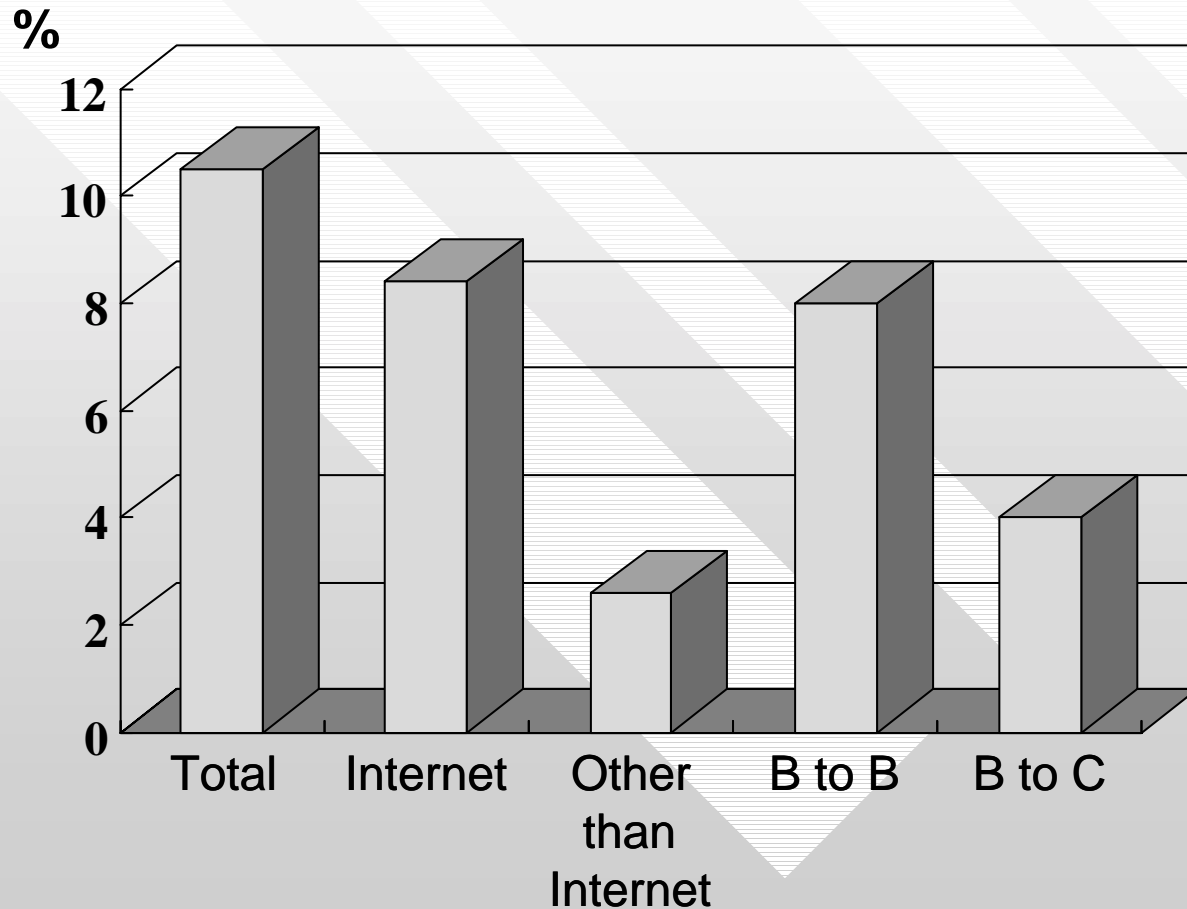
Types of ICT Statistical Survey

- In most case -
 - ICT related questions are added in the existing statistical surveys as a part of each survey.
- In some case -
 - There are several statistical surveys in which most part of questions consists of those related to ICT.

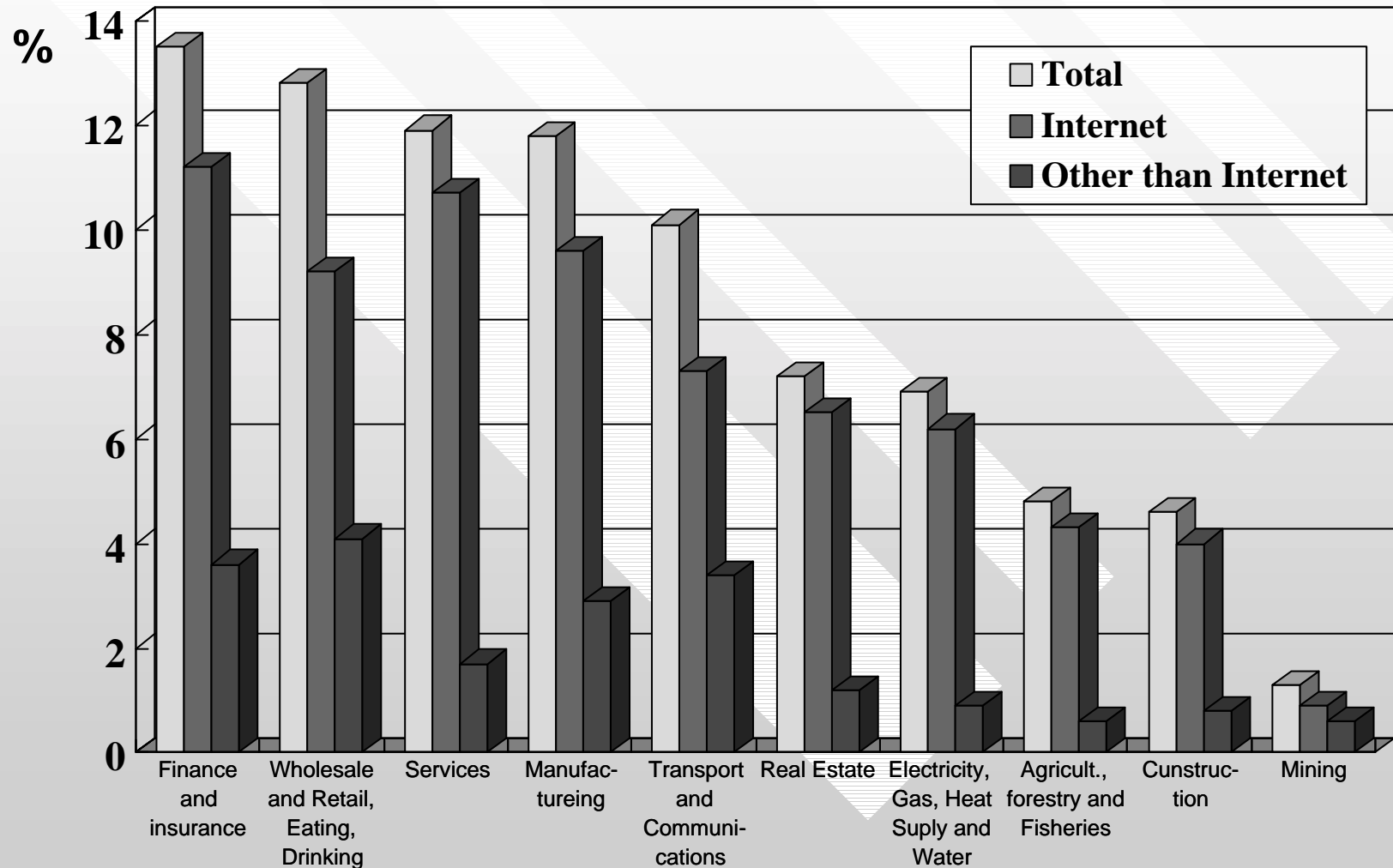
Establishment and Enterprise Census 2002

- The date of the Establishment and Enterprise Census 2001 was October 1, 2001.
- the Census covers all establishments with a little exceptions (un-incorporated establishments belonging to agriculture etc.)
- The Census held in 2001 asked enterprises about use of e-commerce, its type (B to B / B to C) and its contents (sending orders/receiving orders etc.)

Introduction of e-commerce among Incorporated Enterprises



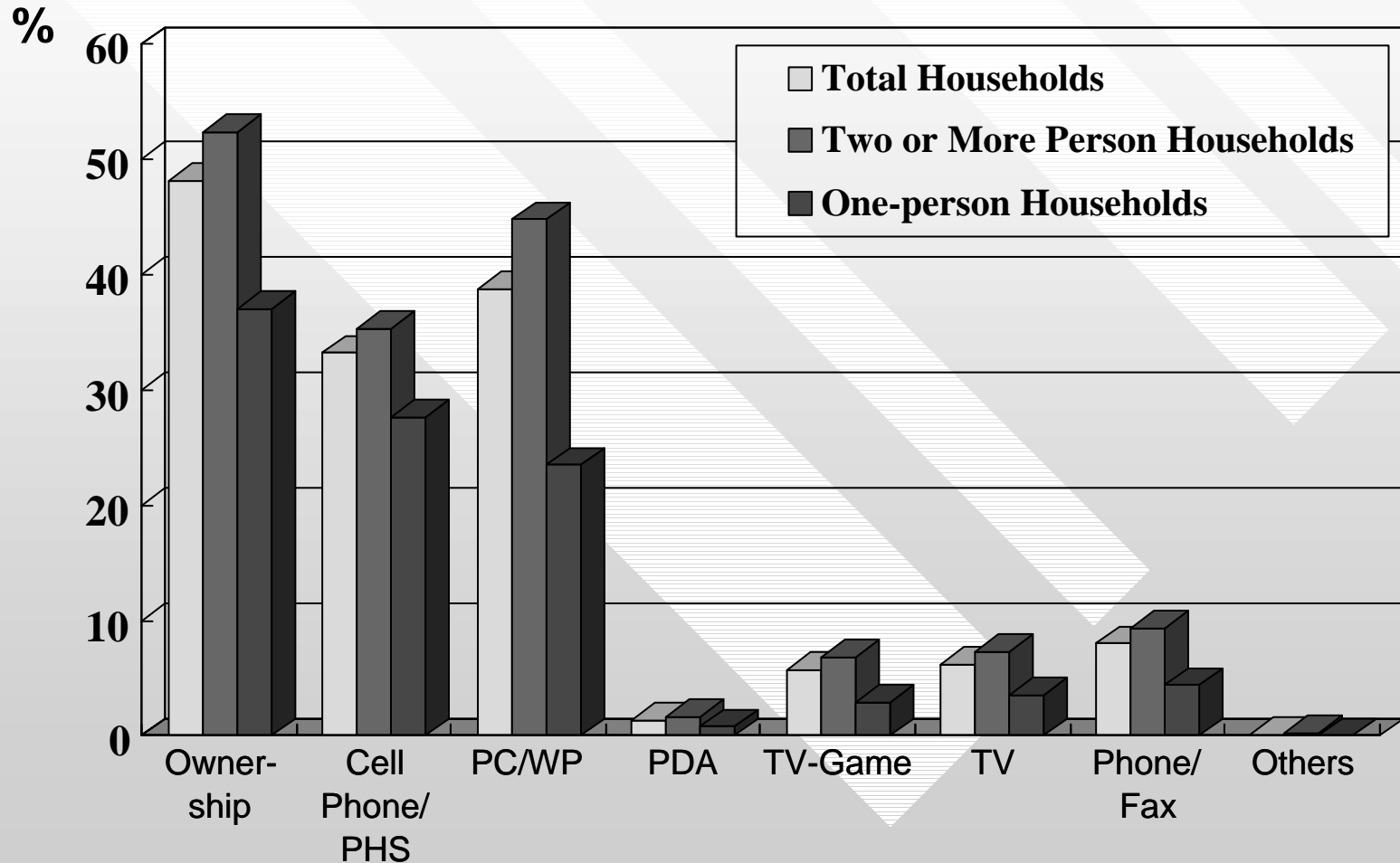
The Ratio of Introduction of e-commerce by Divisions of Industrial Classification



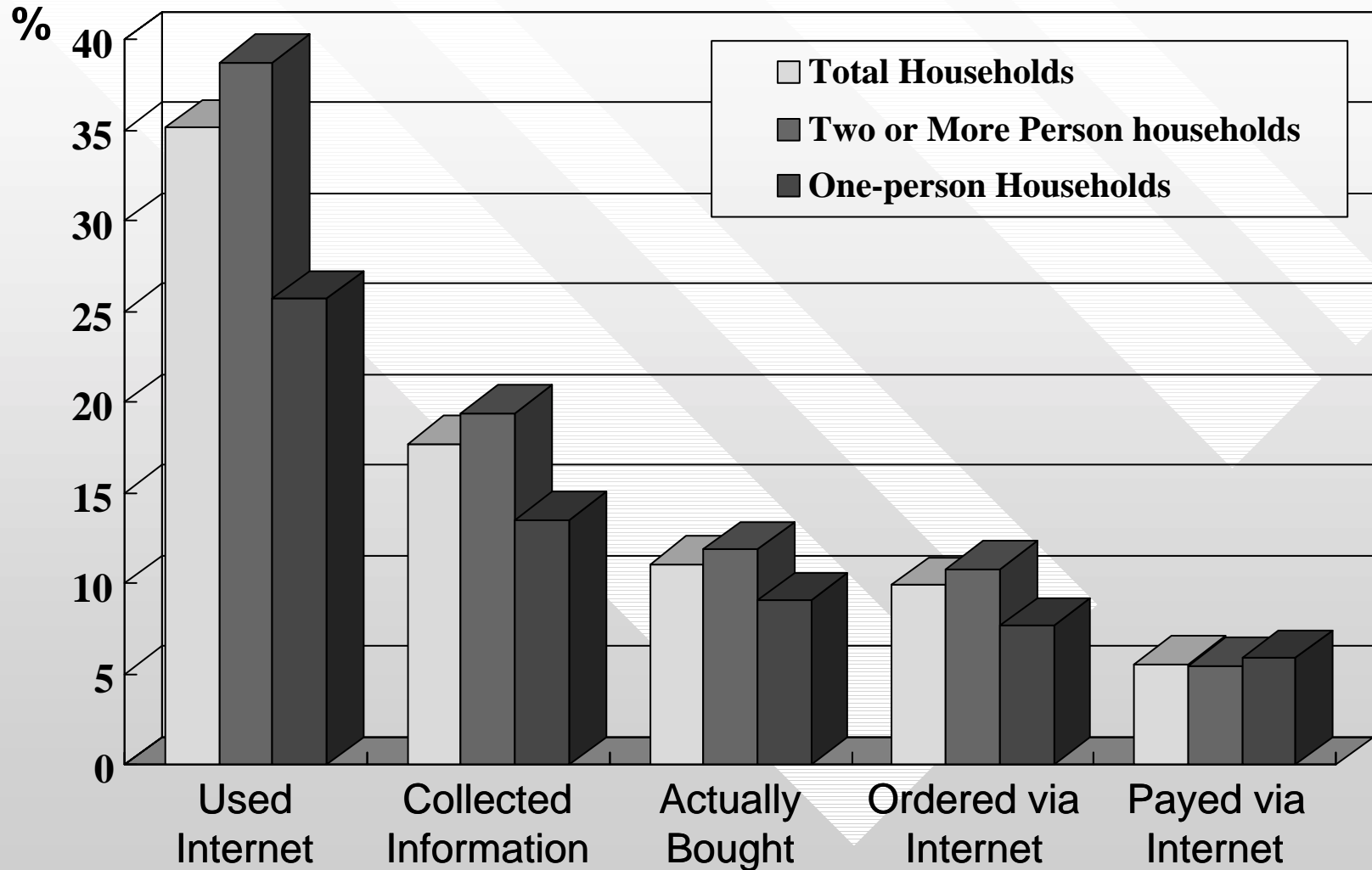
Survey of Household Economy

- The coverage of Survey of Household Economy is about 30,000 households per month. Each household is surveyed for consecutive 12 months.
- Main survey items related to ICT are the possession of facilities/equipments for Internet, use of Internet and its purpose, use of e-commerce and amount of e-commerce

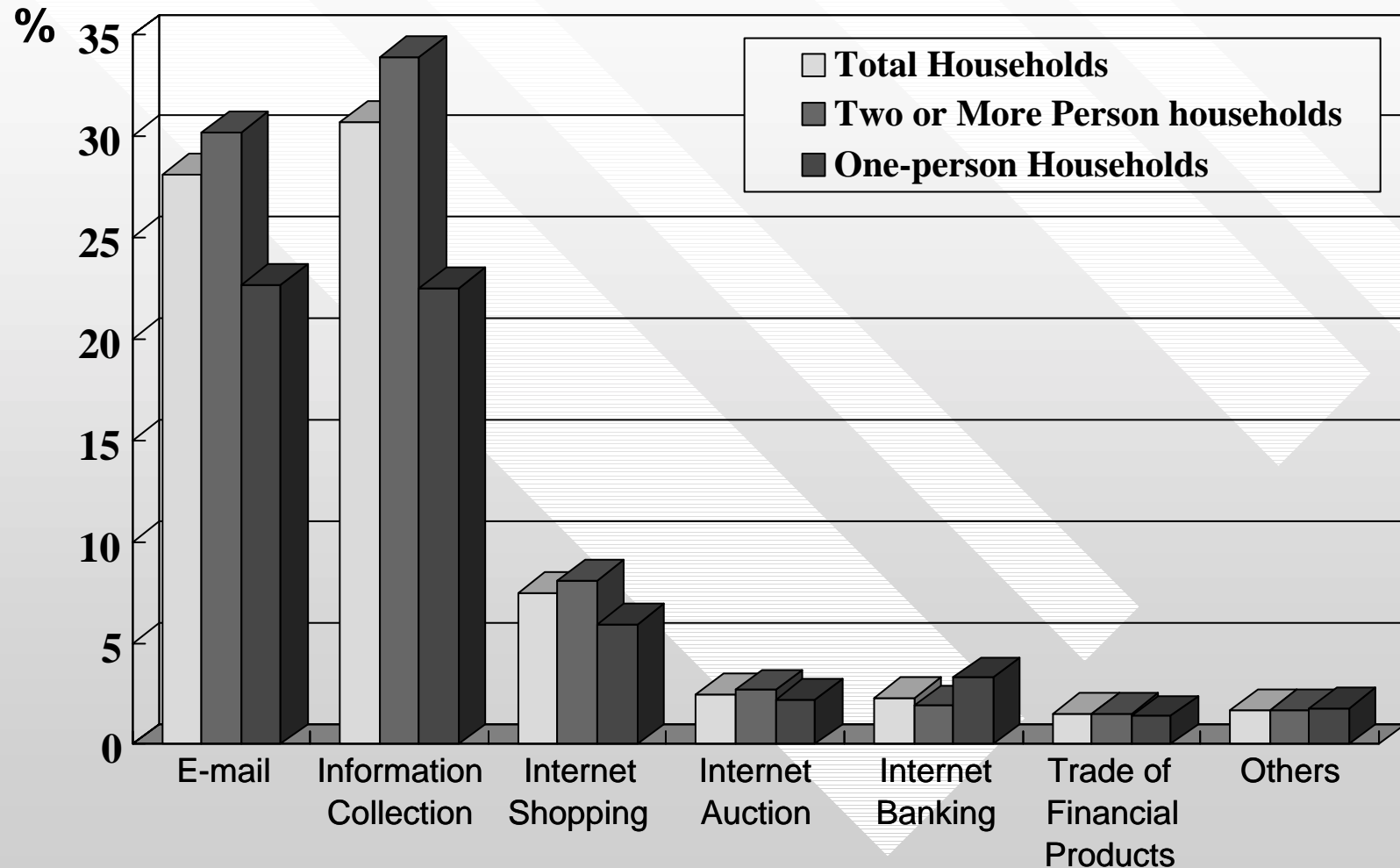
Ownership of Equipments that are able to use Internet



Usage of Internet



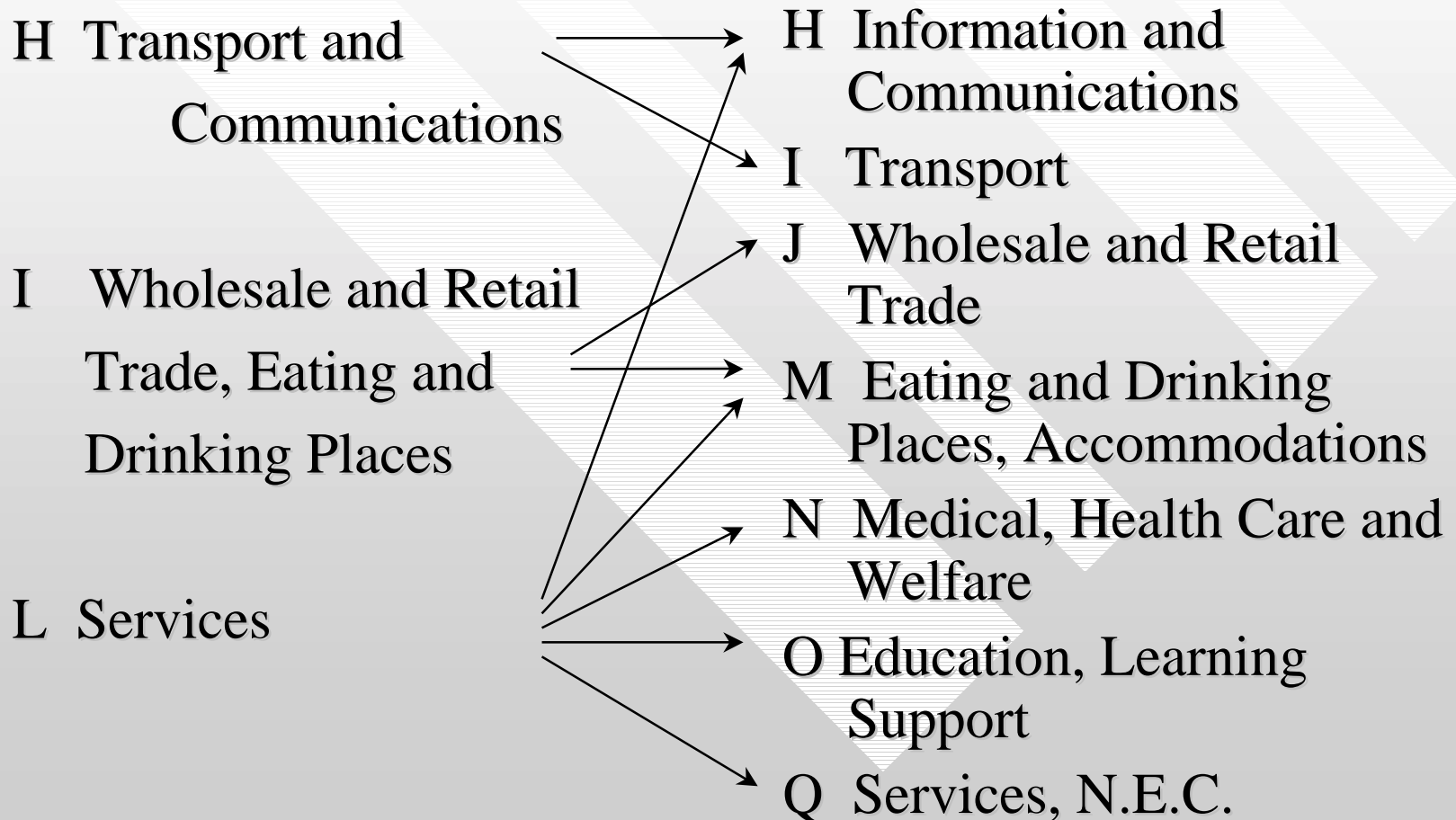
Purposes of the Usage of Internet



Background of the Revision of JSIC

- Conformity to ongoing changes in the structure of industry
 - advancement of telecommunication
(highly developed ICT)
 - growth of service oriented economic activities
 - transition to an aging society with declining birthrate
- Establishing precise classifications and distinct concepts and definitions
- Improving comparability with international classifications (ISIC, NACE, NAICS)

Correspondence between JSIC (1993) and JSIC (2002)



Outline of the Revision of JSIC

- addition of new divisions since 1957
- from 14 divisions basis to 19 division basis

	Divisions	Major items	Groups	Industries
items 1993(a)	14	99	463	1,322
items 2002(b)	19	97	420	1,269
(b) - (a)	5	-2	-43	-53
newly-established items	5	22	76	162
abolished items	0	24	119	215

Why was the new division “H Information and Communications” created?

■ Background of the creation

- grasping the industrial structure on ICT is a critical issue
- Information sector in NAICS
- ISIC Rev.3.1 (alternative aggregation)

■ Review of conventional major group items

- Telecommunications
- Broadcasting
- Information Services and Research

Why was the new division “H Information and Communications” created? (2)

■ Discussing points in Statistics Council

- how to treat newspaper and other publishers
- creation of internet based services
- future issues
 - examine the optimum composition
 - monitor the trend toward revision of international classifications
 - capitalize on the experience gained by conducting various surveys

Structure of “H Information and Communications”

- 37 Communications (4 groups)
- 38 Broadcasting (3 groups)
- 39 Information Services (2 groups)
- 40 Internet Based Services (1 group)
- 41 Video Picture, Sound Information, Character Information Production and Distribution (5 groups)

Differences from NAICS Information Sector

Arrangement of sub-sector (major groups)

NAICS starting from information and cultural products

JSIC starting from communications

	JSIC	NAICS
Motion Picture and Video Exhibition	Q Services,nec	51 Information
Libraries and Archives	O Education, Learning Support	51 Information
Custom Computer Programming Services	H Information and Communications	54 Professional, Scientific, and Tec.
Software Services	H Information and Communications	51 Information

Issues to be considered in ISIC Rev.4

- appropriate grasping the situation of the spread of new technology
- accurate definition and range of information including contents
- how to treat activity of e-commerce

How do we grasp data on Information and Communications in the implementation?

- grasp available data in arranging classification groupings
 - how to treat an establishment performing more than one activity on information
- consider the availability of data in collection for the statistics
 - how to treat software services in the future

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Thank you !