

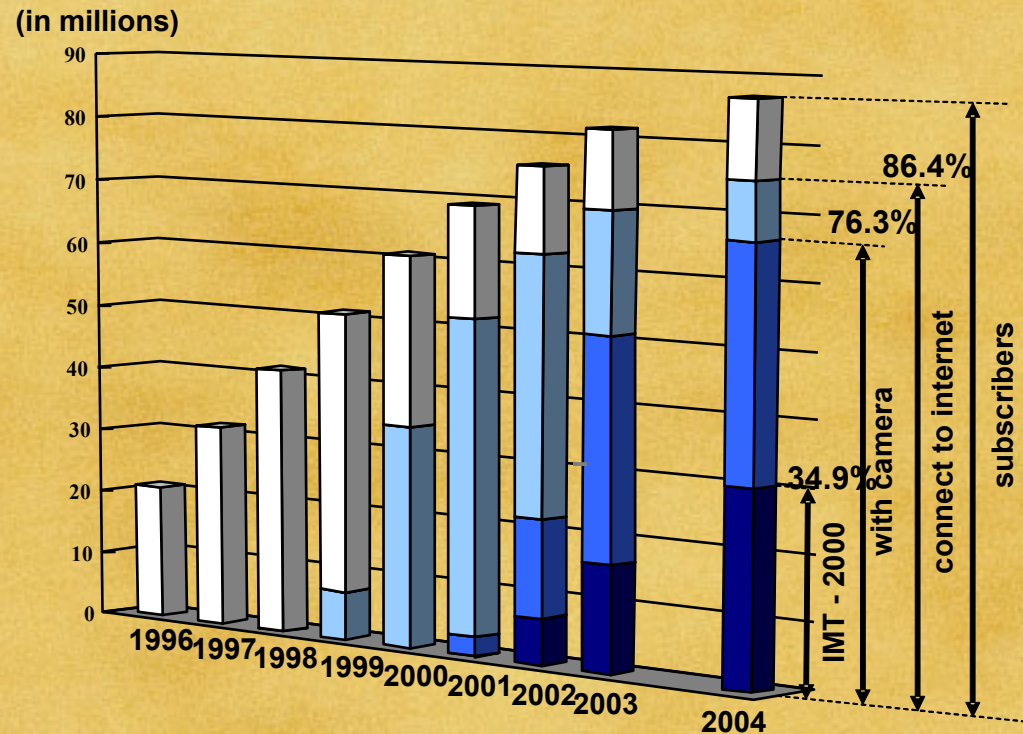
RF Exposure and Policies in Japan

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Background

Subscribers of mobile phone



☞ Number of 2G/3G subscribers: **87,744** thousand
(as of the end of May 2005)

Guidelines and Regulations

☞ Radio Radiation Protection Guidelines for Human Exposure to Electromagnetic Fields (RRPG)

- ☞ Electromagnetic field strength guidelines (1990)
- ☞ Partial-body absorption guidelines (1997)

☞ Regulation based on RRPG

- ☞ Regulation for electromagnetic field strength (1999)
 - ☞ *Obligation to install safety facilities to prevent general public from entering sites where EMF strength exceeds the limit values*
- ☞ Regulation on SAR (2002)
 - ☞ *Obligation to observe the limit value for mobile phone equipment; 2 W/kg (for any 10g of tissue, average time 6min)*

Promotion of Research Activities

- ☞ Committee to Promote Research on the Possible Biological Effect of Electromagnetic Fields
 - ☞ Since 1997
 - ☞ 20 members (Chairperson Prof. UENO Shogo, Graduate School of Medicine, the University of Tokyo)

- ☞ 16 studies are going on in 2005.
 - ☞ Epidemiological study
 - ☞ IARC INTERPHONE study (2000 -)
 - ☞ Human voluntary studies
 - ☞ Human susceptibility (2004 -)
 - ☞ *In Vivo* studies
 - ☞ Long-term exposure study in 3G mobile phone (2003 -)
 - ☞ Cerebral micro circulation (2003 -)
 - ☞ *In Vitro* studies
 - ☞ Micronucleus formation, expression of heat shock proteins (HSP) (2002 -)
 - ☞ Dosimetry study

Public Information Dissemination

☞ *Press release on research by the Committee*

☞ Interim report of the Committee in 2001

☞ *Web sites*

☞ General information from MIC

<http://www.tele.soumu.go.jp/e/ele/body/index.htm>

☞ *Pamphlets*

☞ Introducing guidelines, regulations, international activities, etc.

☞ *Seminars*

☞ To brief the latest information from experts

☞ seminars in 11 major cities in 2004 (Tokyo, Kyoto, etc.)

☞ seminars in 2 dozens of cities in 2005

