

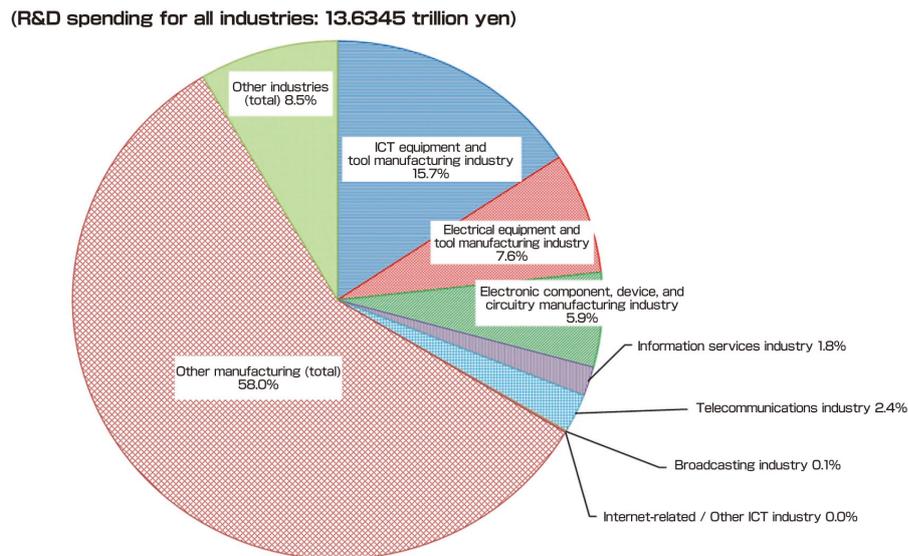
Section 6

Research and Development (R&D)

1. Research in the ICT industry

Out of total corporate R&D spending (13.6345 trillion yen), research spending by the ICT industry (4.5743 trillion yen) accounts for 33.5%. Research spending for ICT equipment and tool manufacturing makes up the majority of research spending by the ICT industry (figure 4-11).

Figure 4-11 Breakdown of corporate R&D spending by industry (FY2008)



(Source) Compiled from 2009 Research Investigation Report on Science and Technology, Ministry of Internal Affairs and Communications

2. Technology trading

In FY 2008, the value of exports of technology of Japan's ICT industry was 439.1 billion yen (year-on-year decrease of 6.8%) accounting for 19.7% of all industries. On the other hand, the cost of importing technology was 335.7 billion yen (a year-on-year decrease of 21.0%), accounting for 56.0% of all industries. For both the total amount of technology trading and for the ICT industry specifically, there was a surplus in exports.

3. Number of researchers

Out of total number of corporate researchers (492,805 researchers), the number in the ICT industry is 203,005 researchers, accounting for 41.2%. The majority of researchers in the ICT industry are in information and communications equipment and tool manufacturing.