

## Section 8

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### R&D

#### 1. R&D in the Information and Communications Industry

The R&D expenditure in the information and communications industry was 4.6 trillion yen (a 2.1% increase over the previous year) in fiscal 2001. While overall R&D expenditure for the private sector has stayed at the same level due to the stagnation of the Japanese economy and other factors, the proportion of R&D expenditure in the information and communications industry to that in overall industries was 39.7% in fiscal 2001, accounting for about 40% of the total.

#### 2. R&D in the Information and Communications Field

The research funds used in the field of information and communications by companies, non-profit organizations/public institutions, and universities, etc. in fiscal 2001 totaled 2.3 trillion yen. Of this figure, the research expenditure in companies engaged in the fields of telecommunications, electronics, and electric measuring equipment accounted for 42.8% of the total. In fiscal 2001, the number of joint research projects between national universities and companies in the field of information and communications was 763, accounting for 14.5% of the overall joint research projects by national universities and companies (5,264 projects).