



## Section 3

### Status of Radio Use

#### 1. Number of radio stations

The number of radio stations (excluding the radio stations for PHS handsets and cordless phones that do not require licensing) at the end of FY2006 was 102.8 million stations (down 1.4% from the previous year). Out of which, land mobile stations for cellular phone handsets were 100.59 million stations (down 1.5% from the previous year). The percentage of the land mobile stations accounted for a high level of 97.8% of all the radio stations (**Graph 2-6**).

#### 2. Telecommunications satellite

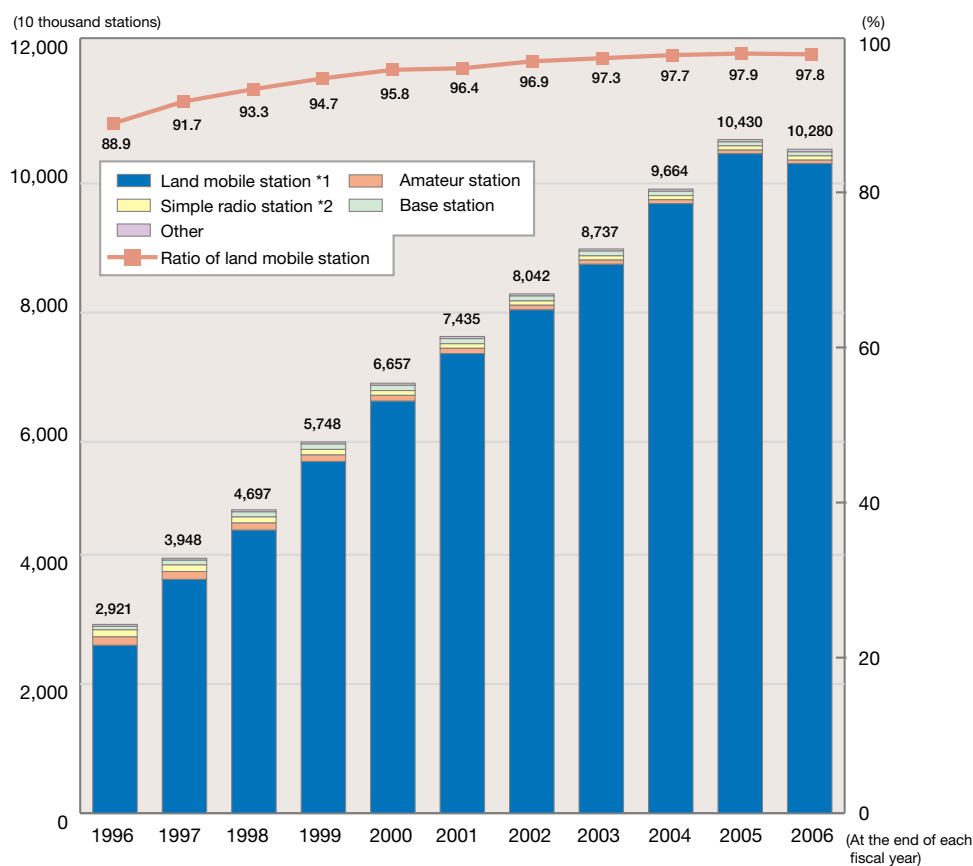
There are two types of telecommunications satellite which are geostationary satellite and orbiting satellite. Utilizing their advantages, such as extensiveness, broad-

castability, and disaster-resistance capacity, they are used in addition to company telephone lines, communications to mountain areas and remote islands where it is difficult to use terrestrial communications, and mobile communication services for ships and aircraft, used for ensuring communication means in emergency situations. Some telecommunication satellites are used for CS broadcasts.

#### 3. Broadcasting satellite

All broadcasting satellites are geostationary satellites which are used for broadcasting satellite (BS) and communications satellite broadcasting (CS broadcasts) depending on differences in the output power of the satellite transponders.

**Graph 2-6 Changes in the number of radio stations**



\*1. Land mobile station: Radio station that is used when transiting on land or while stopping at unspecified locations (cellular phone handsets, etc.)

\*2. Simple radio station: Radio station that conducts simple radio communications (personal radio communication, etc.)