The health service systems in Thailand have continuously developed in terms of capacity building for health services, particularly the increases in health resources, including human resources for health, expansion of health facilities, medical technology and equipment, and health financing. **There are three major components of health service systems, namely:** (1) inputs of health service systems, (2) health services delivery, and (3) capacity of health service systems, which are the outputs of health service systems. The inputs include management mechanisms, health resources, and health financing, which affect health service delivery and capacity of health service systems (Figure 6.1).

**Figure 6.1** Relationships of inputs, health service delivery and capacity of health service systems
Chapter 6 deals with the information about health resources, health financing and capacity of health service systems in seven parts, i.e. (1) health workforce, (2) health facilities, (3) health technology, (4) health expenditure, (5) accessibility to health services, (6) efficiency and quality of health services delivery, and (7) equity in health services, as detailed below:

1. Health Workforce
   Health workforce is an input that is extremely important for health service systems. The production of health personnel has been undertaken continuously, resulting in an increase in the number of health personnel and their distribution to various health facilities within and outside MoPH. However, there are some problems in this regard, particularly the inadequacy of health personnel, compared with the suitable standard, the problem of distribution to cover all geographical areas, and the quality of personnel, which might be associated with personnel’s workloads.

In analyzing the health workforce situation, the following aspects are taken into consideration:

1.1   Situation and Trends in Quantity of Health Workforce
1.1.1 Trends in Ratio of Population to Health-care Provider by Type of Personnel
   The overall situation of health workforce during the past period, using the ratio of population to health-care provider, has shown that the trends in quantities have been improving steadily (Figure 6.3).