

Tuberculosis hospitals were often located far from urban centers the introduction of modern drug therapy in the 1940's. This accordance with the then-prevalent theory that an abundance of fresh air and the avoidance of the stresses of urban living were in the treatment of the disease. Since then, potent chemotherapeutics have enabled an increasing proportion of patients to receive the major part of their treatment through outpatient care after a period of hospitalization. This practice, together with the decline in the rate of new active cases, has served to drastically reduce the demand for tuberculosis facilities. Many such hospitals, especially the smaller State or local government tuberculosis facilities, have either closed or converted in whole or in part to other uses.

Quantitative Standards of Performance

Hill-Burton State agencies are currently in the process of submitting plans in which, for the first time, all States will determine facility needs for hospital facilities on the basis of utilization rate, occupancy, and population served. Uniform criteria for existing beds and for determining the need for facility expansion are also being newly applied. Total beds in existence at the present time are equivalent to 3.97 beds per 1,000 population. The plans received thus far show a national need for 4.11 general hospital beds per 1,000 population (including 3.97 already in existence). However, among many of the States, the gaps between available beds and beds needed per 1,000 population are considerably larger than indicated by the averages for the Nation as a whole.

An additional task facing the country's general hospitals is to repair or renovate approximately 260,000 beds now obsolete due to structural or safety hazards or functional deficiencies. Final estimates of the cost for modernization and new capacity will be available later in the year when all State plans have been approved and summarized. The decreased utilization of tuberculosis facilities is clearly illustrated by preliminary findings from State Hill-Burton plans for fiscal year 1966. A national estimate from plans received to date indicates a total need for 0.23 tuberculosis beds per 1,000 population compared with a total of 0.27 such beds per 1,000 population in existence at this time.

Minimum standards for evaluating the structural safety and efficiency of existing hospitals were recently established by the Public Health Service. These standards refer to:

- A. Structural resistance to fire.
- B. Safety of electrical and mechanical equipment, exits, fire alarm system, interior finishes, shafts, smoke barriers, etc.
- C. Patient areas, including room size, corridor width, nurses' stations, windows, and access to corridors.
- D. Service departments, including surgical suite, radiological department central supply, and dietary area.

The standards may be raised or expanded in scope at the State's discretion.

Other PHS standards provide that in the nursing department the patient room should have no more than four beds, not be located on any floor which is below ground level, and have a minimum of 100 square feet of floor space.