

Results of these estimates and computations are summarized below:

[Thousands of dollars]

Period of construction	Institutional control		
	Public	Private	Total
Through 1957.....	3,594,920	3,054,570	6,649,490
Jan. 1 to June 30, 1958.....	125,928	70,237	196,165
Fiscal years 1959-61.....	833,735	503,768	1,397,503
Fiscal years 1962-65.....	1,894,038	974,430	2,868,468
Total.....	6,508,621	4,603,005	11,111,626

Precise information on additions to academic facilities from the large outlays of the past few years is not available. Estimates place net additions during this period at about 230 million gross square feet, indicating that the aggregate facilities now in use exceed 600 million gross square feet.

B. COSTS AND USER CHARGES

1. CONSTRUCTION COSTS AND OPERATING COSTS

(a) Construction Costs

Average costs in 1964-65 for several different types of academic facilities are shown below. These costs are per gross square foot, including land, buildings, fixed and movable equipment, and improvements such as utilities and landscaping. Figures in parentheses in the first column indicate the number of projects included in the average. The third column shows the cost range within which the majority (i.e., 65-70 percent) of the projects fell.

Facility function	Mean cost	1 standard deviation range
Library (124).....	\$25.48	\$19.16-\$31.80
Library and classroom (47).....	23.44	17.19- 29.69
Library and sciences (11).....	27.00	20.38- 33.62
Classroom and science (25).....	26.87	17.80- 35.95
Science (150).....	28.24	19.75- 36.73
General classroom (37).....	27.14	20.67- 33.42
Weighted average.....	26.57	-----

Based on the data above, the typical cost used currently for budgeting purposes is \$27.50 per gross square foot.

(b) Costs of Maintenance and Operations

In academic year 1957-58 all institutions of higher education spent \$408,938,467 for operating and maintenance of their physical plant. Included in this amount are salaries, wages, supplies, other expenses, and equipment for operation and maintenance of the institution, excluding those appropriately chargeable to auxiliary enter-