

TABLE 14.—*Estimated percentage distribution of funds by source for new academic construction and rehabilitation completed by higher education institutions*

	Public institutions			Private institutions		
	1960-61	1963-64	Esti- mate ¹ 1964-65	1960-61	1963-64	Esti- mate ¹ 1964-65
Appropriations and grant income from public sources.....	60.5	51.5	61.3	8.4	11.1	28.0
1. Federal Government.....	3.4	5.3	25.1	7.2	8.7	26.5
2. State government.....	54.3	43.9	34.4	1.2	1.1	.5
3. Local government.....	3.0	2.3	1.8	.....	1.3	.8
Loans for plant funds from general obligation or revenue—bonds, mortgages, bank loans, notes, etc., issued by.....	30.1	37.3	29.9	14.6	12.0	24.9
4. Federal Government.....	.....	.....	.7	.....	.....	17.6
5. State government and state authority.....	12.9	16.3	12.8	1.9	.....	.....
6. Local government.....	6.3	3.5	2.7	.....	.....	.....
7. Institutions of higher education.....	10.9	17.5	13.7	12.7	12.0	7.3
Other funds.....	9.2	11.2	8.8	77.0	76.9	47.1
8. Gifts and grants from private sources.....	6.6	4.3	3.4	54.0	60.5	37.0
9. Loans from other institutional funds.....	.6	2.2	1.7	5.7	9.1	5.6
10. Transfers from other institutional funds.....	1.2	3.2	2.5	12.4	4.6	2.8
11. All other sources.....	.8	1.5	1.2	4.9	2.7	1.7
Total.....	100.0	100.0	100.0	100.0	100.0	100.0
Estimated capital outlay (in millions).....	\$387	\$597	\$829	\$241	\$285	\$523

¹ Estimated values are based on the assumption that the source mix percentages for all incomes other than Federal funds administered under titles I, II, and III, HEFA, will remain the same as the 1963-64 distribution.

D. NEEDS AND PROSPECTIVE CAPITAL OUTLAYS: 1966-75

(a) *Capital Requirements*

Facility needs for higher education in the decade 1966-75 have been estimated as follows:

	<i>Million gross square feet</i>
Backlog of unmet needs.....	133
Facilities required for new enrollment.....	561
Rehabilitation, estimated at 7.5 percent of requirements for new enrollment. Hence, equivalent to.....	42
Total requirement for decade.....	736

At estimated building and equipment costs of \$27 per square foot for fiscal year 1965, the capital outlay requirements for the decade 1966-75 would be slightly under \$20 billion. However, since recent experience indicates a rise in construction costs of at least 3.25 percent annually, it is prudent to assume that the average cost of facilities to be constructed during the decade will be at least \$32 per square foot. At this cost, the required capital outlay will be approximately \$23.5 billion.

The estimated requirement for rehabilitation included above is based on information showing that new construction and rehabilitation typically account for about 93 percent and 7 percent respectively of facility expenditures.