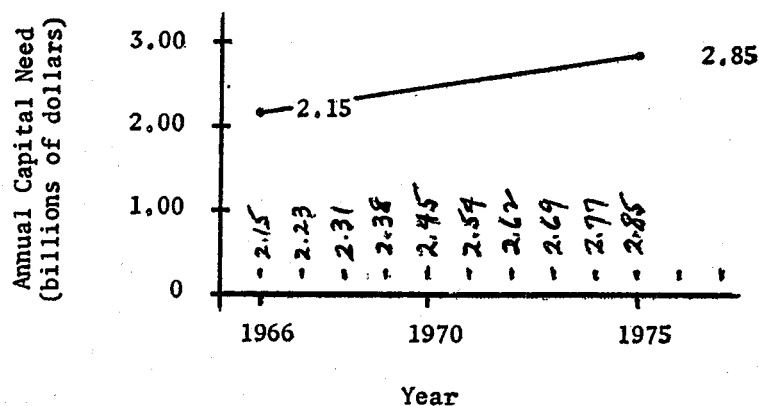


(c) *Annual Capital Needs*

According to a Department of Commerce publication⁴ previously referred to, the requirements for sewer pipe in the United States by the year 1975 will be approximately 25 percent greater than in 1966 (fig. 2). If the total capital needs for urban storm sewers approximates \$25 billion, the annual urban need for storm sewers during the decade will probably range from \$2.15 billion in 1966 to \$2.85 billion in 1975. Whether or not expenditures of this magnitude become a reality is, of course, dependent upon problems which may be encountered in funding these needs. Figure 3 presents the annual needs, graphically.

(d) *Distribution of Capital Needs by Population Groups*

The \$25 billion capital needs distributed by population groups of urban areas, in accordance with needs as indicated by respondents to the APWA questionnaires, is shown in table VII. This table also distributes the \$22 billion investment in existing storm sewer facilities according to population groups, based upon data supplied by questionnaire respondents.



Source: Estimates of the American Public Works Association.

FIGURE 3.—Capital needs for urban drainage improvements in the United States; Annually, 1966-75

(e) *Expenditures of Funds*

The proportions of the \$25 billion of capital needs to be expended by various categories of government agencies and private groups is difficult to forecast. An attempt to roughly approximate such expenditures for the decade 1966-75 is made as follows:

[In billions]		Expenditures
(1) State governments and State agencies	-----	None
(2) Cities, counties, towns, special districts, public authorities, and other local bodies	-----	\$16
(3) Private, nonprofit organizations and cooperatives	-----	None
(4) Proprietary or profitmaking organizations (includes land developers)	-----	9
Total (1966-75)	-----	25