

TABLE 11.—*Indicators of annual water works construction*

[In millions of dollars]

Year	ENR contract awards ¹	USPHS contract awards ²	BDSA total waterwork construction ³
1946.....	109		
1947.....	139		
1948.....	209		
1949.....	207		
1950.....	215		
1951.....	209		
1952.....	231	227	451
1953.....	247	283	527
1954.....	245	293	572
1955.....	314	394	788
1956.....	356	441	800
1957.....	369	457	838
1958.....	306	419	856
1959.....	373	504	989
1960.....	454	645	950
1961.....	430	573	1,145
1962.....	391	507	1,050
1963.....		590	1,082
1964.....		654	1,188
1965.....			1,300

¹ Annual total public works contracts for waterworks construction reported by "Engineering News Record." Minimum project included for 1946 was \$22,500; for 1947-49, \$28,000; for 1950-54, \$34,000; for 1955-58, \$44,000; and for 1959-62, \$53,000.

² Annual contract awards for public waterworks construction as reported by the U.S. Public Health Service in "Sewage and Waterworks Construction, 1964." The figures exclude engineering, architectural, legal, and financial fees and contract expenditures of investor-owned water utilities.

³ Construction put in place, including contract construction, force account construction, and materials and equipment for municipally owned and investor-owned water utilities, as provided by the Water Industries and Engineering Services Division, Business and Defense Services Administration, U.S. Department of Commerce.

TABLE 12.—*Comparison of annual water utility contract awards in actual and constant dollars ¹*

Year	Actual dollars (millions)	Constant dollars ² (millions)	Year	Actual dollars (millions)	Constant dollars ² (millions)
1952.....	227	303	1959.....	504	480
1953.....	283	358	1960.....	645	597
1954.....	293	353	1961.....	573	516
1955.....	394	453	1962.....	507	441
1956.....	441	485	1963.....	590	500
1957.....	457	491	1964.....	654	532
1958.....	419	419			

¹ Sewage and Waterworks Construction, 1964. U.S. Public Health Service, U.S. Department of Health Education, and Welfare, Washington, D.C. (1965).

² Constant dollars are reported on a 1957-59 base, using the "Engineering News-Record" construction cost index.

2. SOURCES OF EXPENDITURE

A breakdown of capital outlay by source of expenditure is unavailable, but an indication is given by table 13 which shows the number and total value of bond issues for municipal waterworks construction in 1964 according to various issuing authorities. Municipal authorities led in number of issues with 381 out of a total of 607, followed by special water districts with 157, and statutory authorities with 36. In total dollar volume, municipalities again led with \$305 million out of a total of \$769 million, followed by State authorities with \$250 million. The State bonds relate to California's huge Feather River project.