

SIXTY-FIRST ANNUAL REPORT OF THE
Department of Public Works
AND ANNUAL REPORT OF THE
Department of Streets and Electricity

FOR THE YEAR ENDING
DECEMBER 31, 1936



TO THE HONORABLE, THE MAYOR AND CITY COUNCIL
OF THE CITY OF CHICAGO



CHICAGO
PUBLIC WORKS
1936

SUMMARY OF STATISTICS CHICAGO WATER WORKS

YEAR ENDING DEC. 31, 1936

General Form Recommended by the New England Water Works Assn.

GENERAL STATISTICS

| | |
|--|-----------------|
| Population | 3,617,948 |
| Date of Construction | 1852 to Date |
| By Whom Owned | City of Chicago |
| Source of Supply | Lake Michigan |
| Mode of Supply—By gravity from intakes 2 to 3 miles out in Lake Michigan through tunnels to Pumping Stations. Direct pumping into mains. | |

WATER CONSUMPTION

| | |
|---|-----------------|
| Population of Chicago | 3,617,948 |
| Population of Outside Communities supplied through Chicago Water Works System | 368,573 |
| Total Population Supplied | 3,986,521 |
| Pumpage City of Chicago—Gallons | 371,461,563,720 |
| Water delivered through meters to communities outside of Chicago—Gallons | 15,493,436,280 |
| Total Net Pumpage of Water System—Gallons | 386,955,000,000 |
| Water passed through meters within city limits of Chicago—Gallons | 132,472,278,720 |
| Percentage of Water Consumption metered—City | 35.66 |
| Average daily consumption in Chicago—Gallons | 1,014,922,305 |
| Gallons per day to each inhabitant—City | 280.52 |

SERVICES

| | |
|---|--|
| Kind of Pipe and Sizes | Lead ½ in. to 2 in., Cast Iron 3 in. to 16 in. |
| Assessed Services | 300,406 |
| Metered Services in use | 112,070 |
| Metered Services (Meters temporarily removed) | 3,498 |
| Total Services | 412,476 |
| Meters installed during the year | 642 |
| Revised List of Meters now in use | 112,070 |
| Percentage of Services metered | 27.17 |
| Revenue from Assessed Rates | \$3,630,268.75 |
| Revenue from Metered Rates | *\$10,359,321.00 |
| Percentage of Revenue from Metered Rates | 74.05 |

*Includes judgment collection of \$247,347 from Town of Cicero and minor judgments of \$9,038.86, for water delivered 1932 to 1935.

DISTRIBUTION SYSTEM

| | |
|---|-----------|
| Kind of Pipe | Cast Iron |
| Size (inches) | 4 to 54 |
| Extended—Miles | 29.39 |
| Discontinued—Miles | 19.03 |
| Total in use—Miles | 3,757.61 |
| Hydrants added during year | 2,043 |
| Hydrants abandoned during year | 1,806 |
| Hydrants now in use | 40,070 |
| Gate Valves added during year | 1,001 |
| Gate Valves abandoned during year | 581 |
| Gate Valves now in use | 36,995 |
| Pressure Range in Mains—Lbs. per Sq. Inch | 25 to 65 |