

TOWN OF IRVINGTON, ESSEX COUNTY, NEW JERSEY Population - 1930 Census - 56,733

IN GENERAL: Located adjoining Newark on the southwest. Town is mainly residential; there are about 125 factories employing about 10,000; mercantile values are relatively low for a municipality of this population. Area 3.4 square miles, of which about three-fourths is built on; elevations range from 70 to 217 ft. above mean sea level. Roads mainly improved. Transportation afforded by bus and trolley lines; branch freight spurs serve manufacturing district. Grade crossings reported as never having interfered with the response of fire annaratus. with the response of fire apparatus.

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WATER SUPPLY: Supply works and distribution system owned and operated by the Commonwealth Water Company, a subsidiary of the American Water Works and Electric Co. Inc. For detailed information on the supply works, see report with Commonwealth Water Company Map No. 245. Company is well organized with a competent superintendent and adequate operating staff. Fire alarms do not sound in company's quarters; no provisions for regular response to fires; however, men and equipped emergency truck are available at all times. Records generally complete. Supply Works: Irvington is supplied from the Low Service by the Canoe Brook pumping station only, but in an emergency the Baltusrol pumping station, with a capacity of about 5,000,000 gals. per day, could help supply Irvington. The Canoe Brook supply is from a well field with a capacity of over 10,000,000 gals. per day, and from a well field with a capacity of over 10,000,000 gals. per day, and from a well field with a capacity of over 10,000,000 gals. per day, and from a well field with a capacity of one valve in the pump discharge piping would decrease the pumping capacity materially. Elevated Storage: Total elevated storage amounts to 8,419,650 gals. Elevated Storage on the Low Service and the West Orange Reservoir and the Wyoming Reservoir; their combined capacities amount to 8,122,150 gals. Consumption: For the year of 1983 the average daily pumpage into the low Service amounted to 6.50 million gals., and the maximum daily pumpage amounted to 9,566 million gals. Pipe: All cast iron, tar coated, bell and spigot joint, A.W.W.A. Class "B", laid with a 4-ft. cover. Total length in Irvington, 322,600 ft.; 4.3% 4-in., 77.7% 6-in., 9.4% 8-in., 5.7% 12-in., 2.9% 16-in. Gate Valves: 65 million fair. Hydrants: 705 in Irvington system; with a few exceptions all open to the right. Valves 16-in. and larger are set in iron boxes to grade. There are no records of the num

Springfield and Clinton Aves., 3152-100-Coit St. and Chestnut Ave., 1470-115-75. Coit St. and Lyons Ave., 1880-110-59. Grove St. and Smalley Ter., 1040-90-43. Allen St. and Lenox Ave., 2560-111-39. Springfield Ave. & 48d St., 1380-90-82 Lindsly Ave. & Bull Ter., 1740-111-67. Coit St. & Olsen Pl., 1520-92-21.5. Clinton Ave. & Grove St., 2145-87.5-46. Springfield Ave. & 21st St., 1650-80.5-119th Ave. & 21st St., 1170-81-59. 16th Ave. opp. 22d St., 1070-77-45. 3152--100--66.

FIRE DEPARTMENT: A full-paid department on the 2-platoon basis, under the supervision of the Director of Public Safety. Total membership, 72 including a chief, 2 deputy chiefs, 8 captains, 1 lieutenant and 62 men. The chief is appointed by the Board of Commissioners for an indefinite term, with regoval for cause only; present incumbent was appointed chief in 1925 and has been a member of the department for 24 years. One deputy chief is a graduate of the New York Fire School. Candidates for appointment must be jeween 21 and 35 years of age and pass mental and physical examinations; appointees are on probation for a period of from 60 to 90 days. Appropriation for 1934 amounts to \$168,000. Headquarters fire Station: Located on Washington, between Springfield and Clinton Aves. It is a 2-story brick building, with slate roof, concrete apparatus floor, steam heat and hose tower. Spare hose, 3,000 ft.; 1 engine, 1 hose, 1 truck and chief's car in station. Engine Co. No. 6: One 1928 American La France 750 gal. pumper, carrying 1,100 ft. of 2½-in. hose, a turret nozzle, 2 short ladders and good minor equipment. Company strength, 4 men. Hose Co. No. 3: One 1928 Reo hose car carrying one 35-gal. chemical tank, 150 ft. of chemical hose, 650 ft. of 2½-in. hose, 2 short ladders and good minor equipment. Company strength, 5 men. Ladder Co. No. 2: One 1923 American La France 75 ft. aerial ladder truck carrying 10 ladders totaling 306 ft. and good minor equipment, including deldies est, salvage covers, ladder pipe and life net. Company strength, 3 or 4 men. Chief's car is a 8-cylinder roadster, carrying hand extinguishers and salvage covers. Coit St. Fire Station: Located on Coit St., between Lyons and Nye Aves. It is a 2-story brick building with slate roof on main portion, slag on addition, concrete apparatus floor, steam heat and hose tower. Spare hose, 2000 ft. One engine company. Engine Co. No. 2: One 1920 American La France 600 gal. pumper carrying one 35-gal. chemical hose, 1100 ft. of 2½-in. hose, 2 short ladders and go

Place Fire Station: Located at Durand Pl. and Wagner Pl. It is a 2-story, semi-firegroof, brick building and the proof, concrete apparatus floor, steam heat, combination drill and believe from the combination of the land of the combination of th

POLICE DEPARTMENT: Consists of chief and 66 uniformed men. Two automobile patrols and several squad cars and motorcycles are in service. A police signaling system with 40 4-call boxes has been installed. Patrol car with 2 patrolmen responds to all alarms of fire.

BUILDING LAWS: Laws enacted in 1909 and later amended provide for the appointment of a building inspector with the usual duties, require the filing of plans and the securing of permits. Construction requirements are inadequate in some respects; heights and floor areas are not restricted; required wall thicknesses are sub-standard, as is the thickness of masonry between ends of beams entering walls from opposite sides. No fire limits are established. A revised building code is being prepared.

EXPLOSIVES AND FLAMMABLES: An ordinance adopted in 1927 provides for a Bureau of Fire Prevention, under the supervision of the Director of Puba Bureau of Fire Prevention, under the supervision of the Director of Public Safety, and, to a limited extent, the regulation of fire bazards. The Bureau consists of one man, aided by a fireman assigned to light duty. The Bureau is required to make an investigation of all fires and to inspect at least 4 times yearly all especially hazardous manufacturing processes, storages and installations, all private fire protection equipment, and all apartment houses and public buildings, except dwellings. The Director is empowered to require the correction of conditions which cause special fire hazards, life hazards or endanger nearby buildings. An ordinance adopted in 1918 requires that apermit be secured from the Director of Public Safety to manufacture, keep, store, sell or handle explosives and flammables, but does not provide regulations for his guidance. A complete combustible code was under consideration at time of inspection.