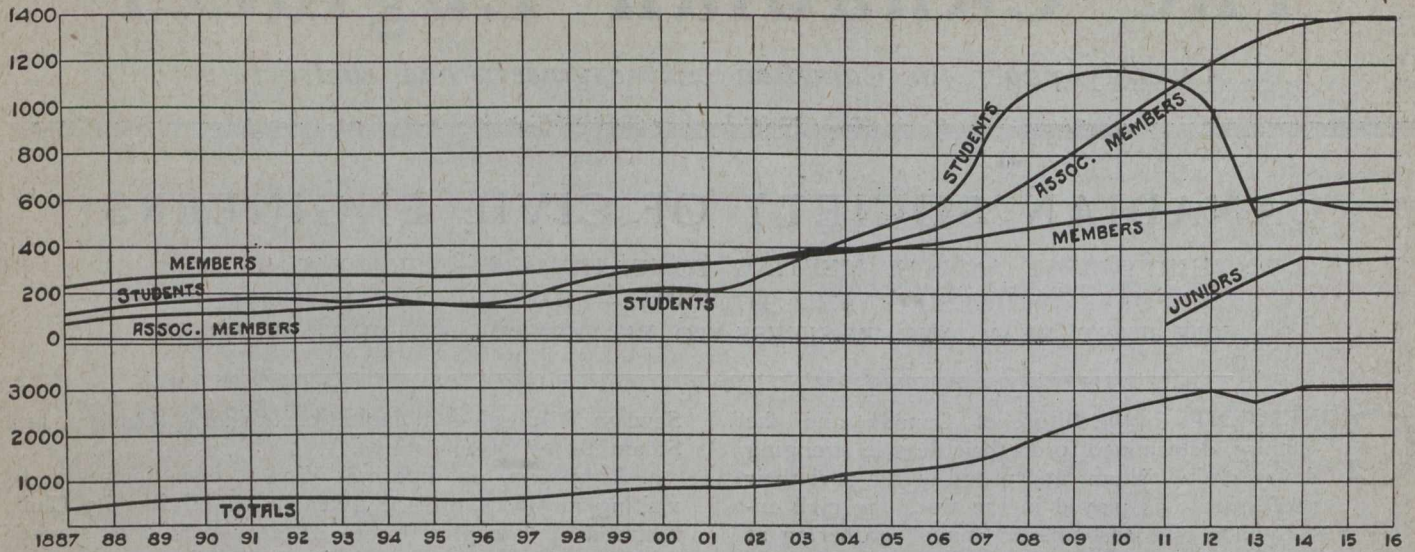


## CURVES SHOWING GROWTH OF THE CANADIAN SOCIETY OF CIVIL ENGINEERS.



Top Curves Show Growth of Each Class of Membership. Bottom Curve Shows Growth of Total Membership.

returned free on presentation of a standard convention certificate signed by the ticket agent from whom the one-way ticket was procured. This is regardless of the number in attendance at the meeting.

**The Retiring President**—This annual meeting will mark the retirement from the presidency of GEORGE HERRICK DUGGAN, vice-president and general manager of the Dominion Bridge Co., Montreal. Mr. Duggan was elected to associate membership in the Society in 1888, and two years later qualified as member. He is a member of the Institution of Civil Engineers of Great Britain, the American Society of Civil Engineers, and the Canadian Mining Institute. He was vice-president of the Canadian Society of Civil Engineers in 1900, 1901, 1903 and 1908, and also served as councillor for the years 1894, 1896, 1898, 1899, 1904, 1907, 1912, 1913 and 1914.

Mr. Duggan is an enthusiastic sailor and was one of the founders of the Toronto Yacht and Royal St. Lawrence Yacht Clubs. He designed and sailed the winner of the Seawanhaka International Cup and successfully defended that prize from 1896 until 1901.

He was born in Toronto September 6th, 1862, the only son of the late John Duggan, Q.C., and Amelia (Tulloh) Duggan. He was educated at Upper Canada College, Toronto, and at S.P.S., Toronto University. He began his engineering career with the C.P.R., but in 1886 entered the employ of the Dominion Bridge Co., becoming chief engineer in 1891. In 1902 he became assistant to the president of the Dominion Iron & Steel Co. and in 1904 was appointed second vice-president and general manager of the Dominion Coal Co., but six years later he rejoined the Dominion Bridge Co. as general manager.

He is vice-president of the Montreal Ammunition Co., president of the Dominion Copper Products Co., director of the Royal Bank of Canada, director of the Montreal Trust Co., director of the Hillcrest Collieries, and chief engineer of the St. Lawrence Bridge Co., having entire charge, jointly with Mr. Phelps Johnson, of the New Quebec Bridge superstructure.

Among the clubs of which Mr. Duggan is a member are the Mount Royal, St. James, University, Engineers, and Forest and Stream, of Montreal; Royal Canadian Yacht, of Toronto; Royal Cape Breton Yacht, of Sydney; Royal St. Lawrence Yacht, and Garrison, of Québec.

In a recent article, speaking of Mr. Duggan, the Toronto Globe said: "He carries as much sporting blood in him as can safely be carried by a man who must temper sport with business." About the same time the Canadian Century remarked: "Mr. Duggan is a big man, who, whether building bridges, managing the affairs of a huge coal mining company or designing and sailing small boats, is equally at home."

Early in the war both of Mr. Duggan's sons enlisted, one of them, Lieut. H. S. Duggan, R.E., being killed in action October 21st, 1915. Unfortunately a recent casualty list reported that the other son, Lieut. K. L. Duggan, of the Mounted Rifles, had been wounded.

**The President-Elect.**—Mr. Duggan will be succeeded as president by Lieut.-Col JOHN STOUGHTON DENNIS, C.E., D.L.S., D.T.S., assistant to the president of the Canadian Pacific Railway Co. Lieut.-Col. Dennis joined the Society November 21st, 1901, as a member and was a vice-president for the year 1907 and a councillor for the years 1906 and 1911. He is a past president of the American Society of Irrigation Engineers.

Lieut.-Col. Dennis was born at Toronto in 1856. His father was the late Lieut.-Col. John Stoughton Dennis, C.M.G., who was the first surveyor-general of Canada and subsequently the first Deputy Minister of the Interior. Dennis, Jr., was educated at the Toronto and Kingston Grammar Schools and Upper Canada College. He also graduated from the old military school at Kingston before the creation of the Royal Military College.

He served his articles as a Dominion land surveyor with the late Lindsay Russell, assistant surveyor-general, and was graduated and commissioned as a Dominion topographical surveyor in 1877. From 1872 to 1879 he was employed on survey work for the Dominion Government in Manitoba and the Northwest Territories. From 1879 to 1882 he was engineer and surveyor for the Hudson's Bay Co., and during that time he organized the Land Department of that company and laid out what is now the southern portion of the city of Winnipeg, constructing the first trunk sewer system in that part of the city.

In 1882 he resigned from the Hudson's Bay Co. and organized the firm of Dennis, Vaughan & Co., consulting engineers, Winnipeg, but three years later he rejoined the service of the Dominion Government as inspector of sur-