

district inspector and suitable staff stationed in the larger cities throughout the country. The chief rules of administration are as follows:—

(a) Every new type of weighing and measuring device must be submitted to the Department at Ottawa for approval before being placed on the market.

(b) Every new machine must be inspected and stamped by an inspector before being sold or taken into use.

(c) Imported machines are held by the customs until release is approved by the nearest inspector.

(d) All inspections take place on the traders' premises, except where devices are brought to the inspection offices.

(e) Fees are charged for inspection and stamping, the schedule being defined by Order in Council, and all moneys so collected are paid into the Consolidated Revenue Fund of Canada.

The following table is a summary of the articles and machines inspected in the fiscal year 1928-29.

**23.—Inspections by the Weights and Measures Service, fiscal year ended March 31, 1929.**

Articles.	Submitted.	Verified.	Rejected.	Percentage of rejections.
	No.	No.	No.	p.c.
Weights.....	86,138	83,939	2,199	2.55
Weights, metric.....	1,278	1,249	29	2.27
Measures of capacity.....	105,594	105,297	297	0.28
Measures of length.....	9,729	9,668	61	0.63
Milk cans.....	74,550	74,436	114	0.15
Ice cream containers.....	56,197	56,197	—	—
Babcock glassware.....	37,958	37,671	287	0.76
Measuring devices.....	39,209	35,875	3,424	8.73
Weighing machines.....	188,240	169,830	18,410	9.78
Weighing machines, metric.....	477	461	16	3.35
Tank wagons.....	1,313	1,309	4	0.30
<b>Total.....</b>	<b>600,683</b>	<b>575,932</b>	<b>24,841</b>	<b>4.12</b>

The total revenue collected by the Service during the year amounted to \$399,308, and the total expenses, including salaries, totalled \$326,773.

**Electricity and Gas Inspection.**—The Electricity and Gas Inspection Branch of the Department of Trade and Commerce administers three Acts, the Electricity Inspection Act (c. 22, 1928), the Gas Inspection Act (c. 82, R.S.C. 1927), and the Electricity and Fluid Exportation Act (c. 54, R.S.C. 1927).

The latest report of the Branch shows 459,159 electricity and gas meters tested in the fiscal year ended Mar. 31, 1929, as compared with 416,009 in the preceding year. The total revenue derived from electricity and gas inspection was \$304,699, as compared with an expenditure of \$275,297. The Branch also collected \$351,783 as export duty and licence fees under the provisions of the Electricity and Fluid Exportation Act; the cost of collecting this revenue was only \$283.

Statistics collected as a by-product of the administration of the last-named Act will be found on p. 368, in the Water Power chapter of the Year Book. Here, however, may be given statistics collected by the Branch in the process of administration and showing the phenomenal increase in the number of consumers of electricity in