

and \$84.92 by surrender and lapse, making a total of \$100.77. In the year 1909 these rates were \$14.56 and \$79.94, respectively, making a total of \$94.50, thus giving a difference of \$6.27 for each \$1,000 at risk. The table at the foot of the page exhibits the rates for the last six years.

The total termination amounts to about 56.47 per cent. of the amount of new policies. The actual amounts of termination were distributed as follows:—

|                      | Naturally.          | By Surrender and Lapse. |
|----------------------|---------------------|-------------------------|
| Canadian companies.. | \$ 7,479,800        | \$40,975,534            |
| British companies..  | 1,330,696           | 2,138,124               |
| American companies.. | 4,759,523           | 29,586,438              |
| <b>Total..</b>       | <b>\$13,570,019</b> | <b>\$72,700,096</b>     |

## CANADIAN POLICIES IN FORCE.

Omitting the industrial policies of the London Life, the Union Life, the Metropolitan and the Prudential, the thrift policies of the Sun Life and the monthly policies of the Excelsior, the following table gives the number and amounts of policies in Canada and the average amount of a policy in force at the date of the statements:—

|                      | Number. | Amount.       | Average Amount of a policy. |
|----------------------|---------|---------------|-----------------------------|
| Canadian companies.. | 345,107 | \$541,070,548 | \$1,568                     |
| British companies..  | 23,318  | 47,816,775    | 2,051                       |
| American companies.. | 117,241 | 185,041,995   | 1,578                       |

**Total..** 485,666 \$773,929,318 \$1,594

The average amount of *new* policies is: for Canadian companies, \$1,740, for British companies, \$2,347; and for American companies, \$1,440. The corresponding amounts last year were \$1,656, \$2,092 and \$1,467.

In the calculation of the death rate this year, as in previous years, the mean number of policies in force and the number of policies terminated by death during the year have been admitted as approximations

to the mean number of lives exposed to risk and the number of deaths during the year, respectively. It is believed that the results arrived at, shown in the annexed table, represent the actual mortality per 1,000 among insured lives in Canada as accurately as can be gathered from the returns of the companies.

## AMOUNT PAID TO POLICYHOLDERS.

The total amount paid to policyholders during 1910 was as follows:—

|                                                     |                        |
|-----------------------------------------------------|------------------------|
| Death claims (including bonus additions).....       | \$ 8,173,989.93        |
| Matured endowments (including bonus additions)..... | 4,387,717.94           |
| Annuitants.....                                     | 457,940.16             |
| Paid for surrendered policies.....                  | 3,647,441.55           |
| Dividends to policyholders.....                     | 3,603,505.11           |
| <b>Total.....</b>                                   | <b>\$20,270,594.69</b> |

Including the business done outside of Canada by the Canadian companies, the following table shows the total premium income and payments to policyholders of all companies, other than assessment and fraternal companies, doing life insurance business in Canada for the last thirty-two years, and also the ratio of payments to policyholders to premiums received:—

|        | Premium Income. | Payments to Policyholders. | Rate of Payments to Policyholders, per p. c. of Premiums. |
|--------|-----------------|----------------------------|-----------------------------------------------------------|
| Year.  | \$              | \$                         |                                                           |
| 1879.. | 2,606,756       | 1,301,480                  | 49.93                                                     |
| 1880.. | 2,691,128       | 1,389,986                  | 51.66                                                     |
| 1881.. | 3,094,689       | 1,879,240                  | 60.72                                                     |
| 1882.. | 3,544,603       | 1,946,444                  | 54.91                                                     |
| 1883.. | 3,861,179       | 2,201,152                  | 57.01                                                     |
| 1884.. | 4,195,726       | 2,073,395                  | 49.42                                                     |
| 1885.. | 4,684,409       | 2,544,101                  | 54.31                                                     |
| 1886.. | 5,298,596       | 2,851,981                  | 53.83                                                     |
| 1887.. | 6,105,474       | 3,235,205                  | 52.99                                                     |
| 1888.. | 6,655,762       | 3,440,729                  | 51.70                                                     |
| 1889.. | 8,336,167       | 3,942,590                  | 47.29                                                     |
| 1890.. | 8,131,852       | 4,445,668                  | 54.67                                                     |

(Continued on page 1807.)

## AMOUNTS TERMINATED OUT OF EACH \$1,000 CURRENT RISK.

|                      | Naturally. |       |       |       |       |       | Surrender and Lapse. |        |       |       |        |        |
|----------------------|------------|-------|-------|-------|-------|-------|----------------------|--------|-------|-------|--------|--------|
|                      | 1905       | 1906  | 1907  | 1908  | 1909  | 1910  | 1905                 | 1906   | 1907  | 1908  | 1909   | 1910   |
|                      | \$ c.      | \$ c. | \$ c. | \$ c. | \$ c. | \$ c. | \$ c.                | \$ c.  | \$ c. | \$ c. | \$ c.  | \$ c.  |
| Canadian companies.. | 14 20      | 12 49 | 12 60 | 12 23 | 12 40 | 13 22 | 66 96                | 75 70  | 72 36 | 75 42 | 72 98  | 72 44  |
| British ..           | 28 08      | 28 42 | 19 57 | 20 26 | 27 98 | 27 83 | 33 25                | 37 05  | 43 61 | 53 85 | 45 20  | 44 71  |
| American " ..        | 18 10      | 17 42 | 20 67 | 18 14 | 17 56 | 19 62 | 114 16               | 111 47 | 89 42 | 97 66 | 109 29 | 121 94 |

## MORTALITY OF INSURED LIVES IN CANADA.

|                                         | —                                |                   | 1910          | 1909          | 1908          | 1907          | 1906         | 1905         |
|-----------------------------------------|----------------------------------|-------------------|---------------|---------------|---------------|---------------|--------------|--------------|
|                                         | Number of Lives exposed to Risk. | Number of deaths. | Death rate.   | Death rate.   | Death rate.   | Death rate.   | Death rate.  | Death rate.  |
| Active companies, ordinary.....         | 470,129                          | 3,681             | 7.830         | 8.231         | 8.375         | 8.617         | 8.232        | 8.568        |
| Active companies, industrial.....       | 633,536                          | 7,958             | 12.561        | 12.086        | 11.935        | 12.054        | 12.044       | 12.406       |
| Assessment and fraternal societies..... | 131,507                          | 1,171             | 8.904         | 9.089         | 8.683         | 8.946         | 8.557        | 7.321        |
| Non-active and retired companies.....   | 2,091                            | 82                | 39.216        | 36.766        | 52.643        | 46.440        | 43.884       | 39.128       |
| <b>Total.....</b>                       | <b>1,237,261</b>                 | <b>12,892</b>     | <b>10.419</b> | <b>10.260</b> | <b>10.154</b> | <b>10.239</b> | <b>9.985</b> | <b>9.863</b> |