posure to the close atmospheres of stables, too often contaminated with germs of tuberculosis, except so far as the calf may have inherited the disease at birth or subsequently contracted it from the tuberculous mother during the suckling period, either through the milk or by means of the discharges from the mouth or nose. What these relative dangers are will be later referred to.

To illustrate, however, the relative prevalence of tuberculosis in cattle, the following figures from various sources may be given.

| Country. | Number slaughtered. | Affected. |
|---|--|-----------------------------------|
| Berlin (Germany) Upper Silesia (Germany) New York State | Slaughtered Slaughtered in one abattoir Slaughtered in abattoirs | per cent. 4.5 9.5 2 to 3 |

Tuberculous cattle in different countries.

In England, with the Pieuro pneumonia Act of 1890, under which, within sixteen months, to end of 1891, some 12,000 cattle were destroyed, either as being infected or as having been exposed to the disease, the Department of Agriculture took advantage of the slaughtering to determine the prevalence of tuberculosis by examination of every carcase by skilled veterinarians. The results were as follows :--

| All cattle examined, 12,000. | Tuberculous 12.22 per cent |
|------------------------------|----------------------------|
| | 16.09 |
| Cows | 1.53 |
| Bulls | 2.77 |
| Other cattle over 1 year | 1.2 |
| Under 1 year | |

The relative prevalence of tuberculosis in different parts of England varied. Thus, of all cattle slaughtered in Midlothian District, 22.5 per cent. were tuberculous; and of all cattle in the London District, 15.5 per cent. were tuberculous. In both cases the cattle were kept under very similar conditions.

In some herds slaughtered the percentage of tuberculized was as high as 75 per cent., "and only a few herds were without tuberculized animals." Earl Spencer's herd of Jerseys, containing over a score of animals was tested by Prof. McFadyean and found by test to all have tuberculosis. The whole herd was slaughtered and results of *post mortem* confirmed the diagnosis.