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**Death rate
4000 per
million**

**Death rate
350 per
million**

**Death rate
300 per
million**

**Death rate
250 per
million**

**Death rate
200 per
million**

**Death rate
150 per
million**

**Death rate
100 per
million**

**Death rate
50 per
million**

**Upto 1852
Vaccination was
voluntary
300 deaths per
million**

1848

1852-1872

Vaccination was
compulsory but not
strictly enforced

**200 deaths per
million** 1855

1852-1872

Vaccination was
compulsory but not
strictly enforced

225 deaths per

million 1862

1852-1872

Vaccination was
compulsory but not
strictly enforced

**100 deaths per
million** 1865

1872-1887 compulsory
vaccination strictly
enforced after bad
epidemic

**400 deaths per
million 1872**

1872-1887 compulsory
vaccination strictly
enforced after bad
epidemic

**80 deaths per
million 1875**

1872-1887 compulsory
vaccination strictly
enforced after bad
epidemic

**10 deaths per
million 1889**

After 1887 parents
were allowed to refuse
to have their children
vaccinated

**20 deaths per
million 1904**

After 1887 parents
were allowed to refuse
to have their children
vaccinated

**8 deaths per
million 1908**

After 1887 parents
were allowed to refuse
to have their children
vaccinated

**2 deaths per
million 1918**