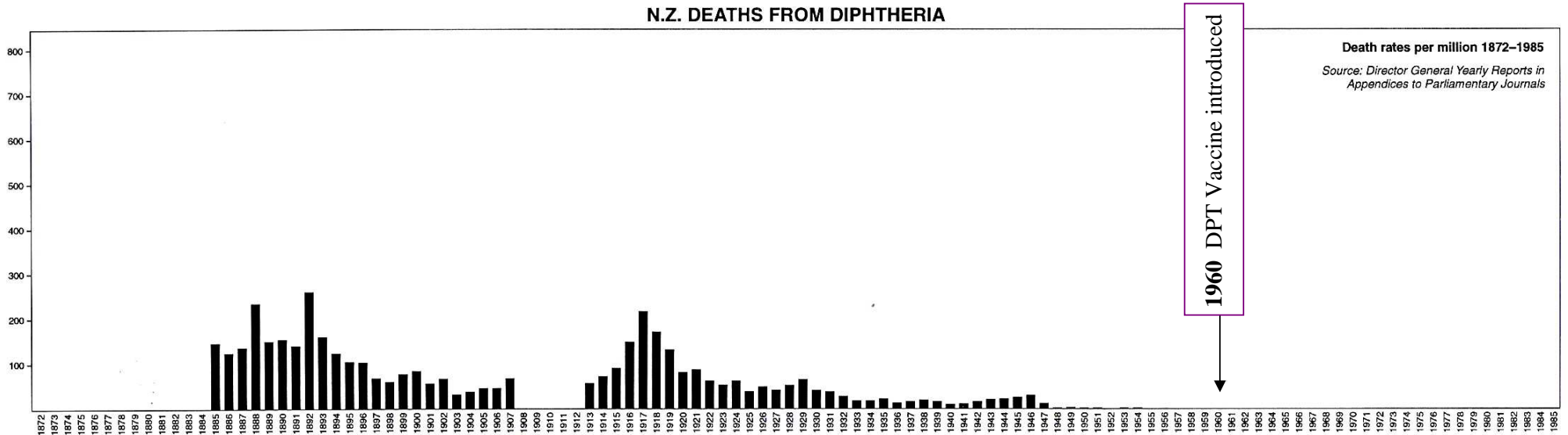


N.Z. DEATHS FROM DIPHTHERIA  
1872-1985 (Death rates per million)

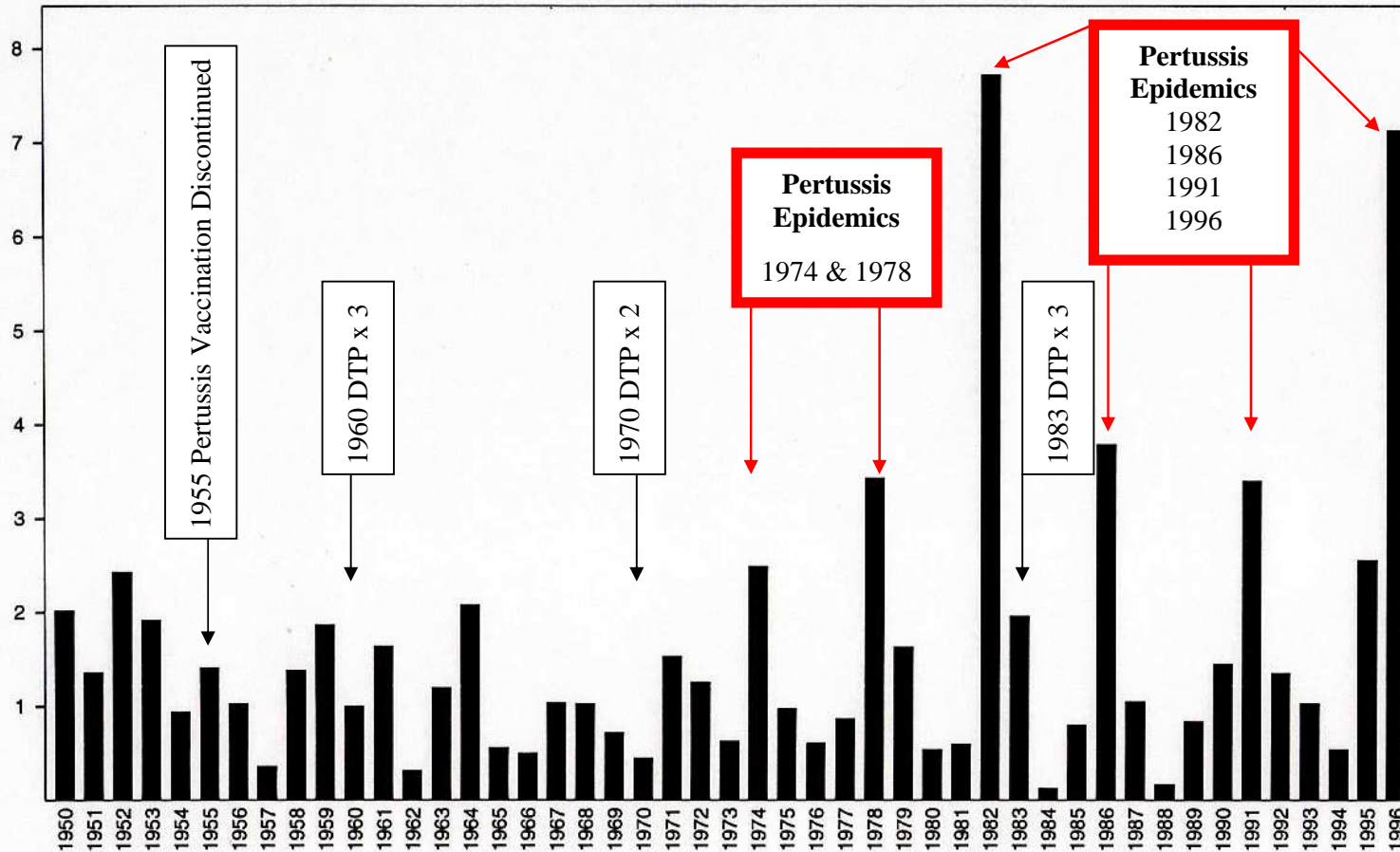


Source: Director General Yearly Reports in Appendices to Parliamentary Journals

### N.Z. Pertussis Annual Hospital Discharge Rates

As pertussis vaccination increased, the number of under one-year-olds that were hospitalised during epidemics increased.

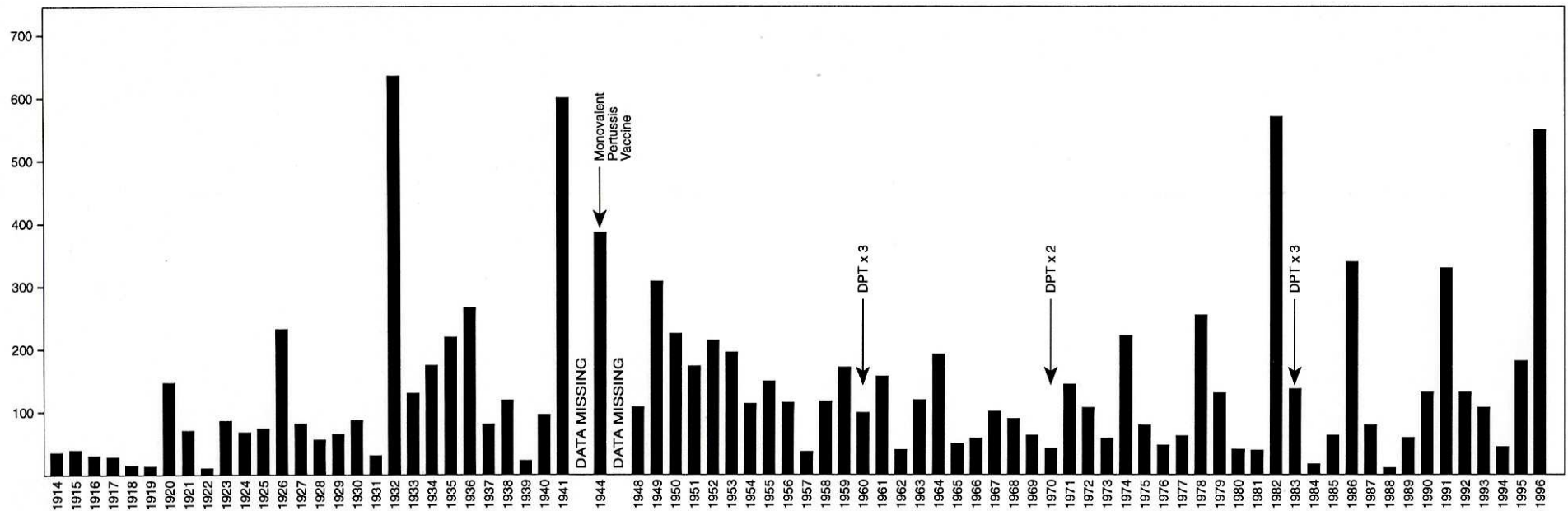
**Annual Hospital Discharge Rates — Under one year olds  
per 1,000 births**



Source for basic graph from NZ Family Physician page 48

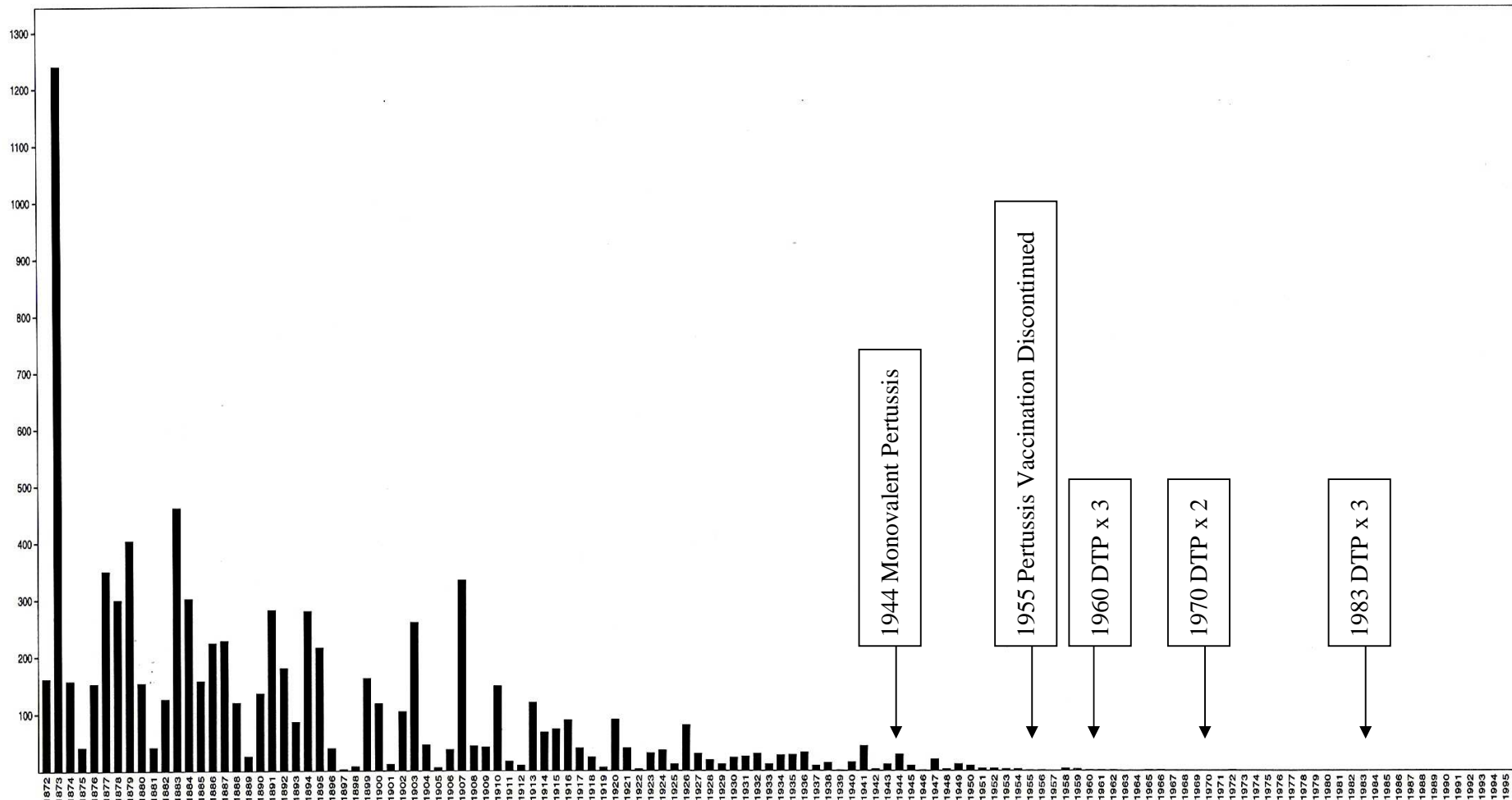
WHOOPING COUGH: Annual numbers of patients discharged from (or dying) in New Zealand public hospitals  
 From 1944-1954 less than 10% of the paediatric population was vaccinated. From 1955-1959 whooping cough was discontinued.

**WHOOPING COUGH:**  
**Annual numbers of patients discharged from (or dying) in New Zealand public hospitals**  
 From 1944–1954 less than 10% of the paediatric population was vaccinated. From 1955–1959 the whooping cough vaccine was discontinued.



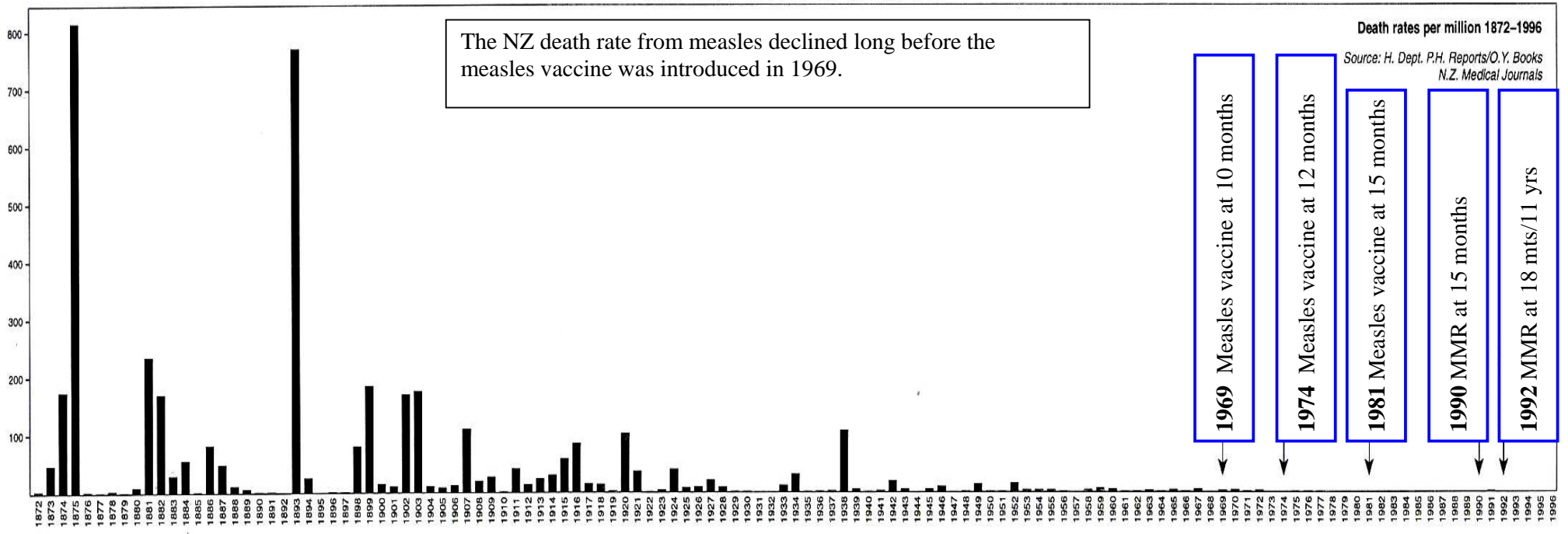
# NZ Pertussis Deaths (1872 – 1996)

## Whooping Cough Deaths per million



**N.Z. DEATHS FROM MEASLES**  
**Death rates per million 1872-1996**

**N.Z. DEATHS FROM MEASLES**



Source: Health Dept. P.H Reports/O.Y. Books N.Z. Medical Journals