THE NEW DEMOCRACY

BATTLE for HEALTH

STEPHEN TAYLOR

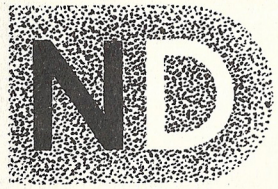
THE NEW DEMOCRACY

Battle for Health

A primer of Social Medicine

Stephen Taylor M.D. M.R.C.P.

With 13 pictorial charts in colour designed
by the Isotype Institute
and 91 photographs



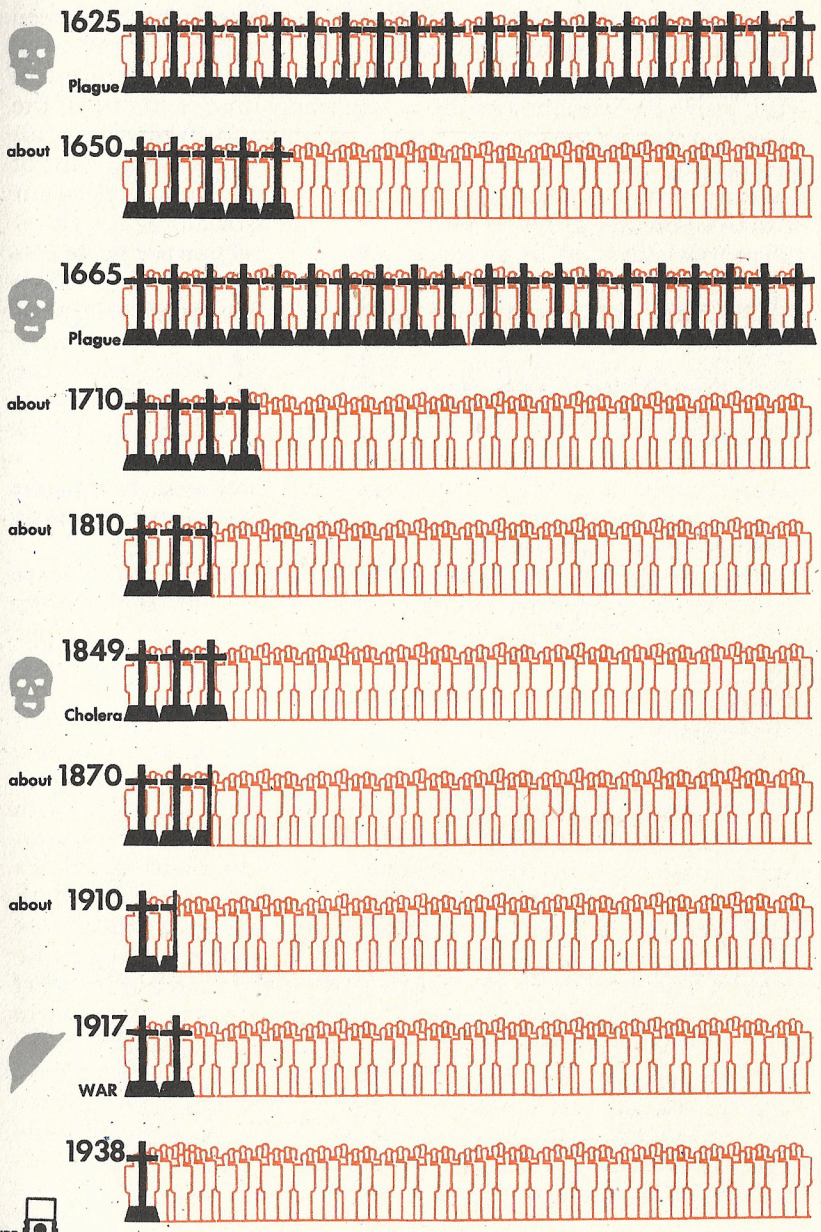
Nicholson & Watson London

List of Pictorial Charts in Colour

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Deaths per 100 Population in London

Annual Average

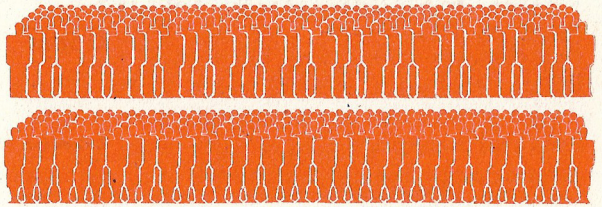


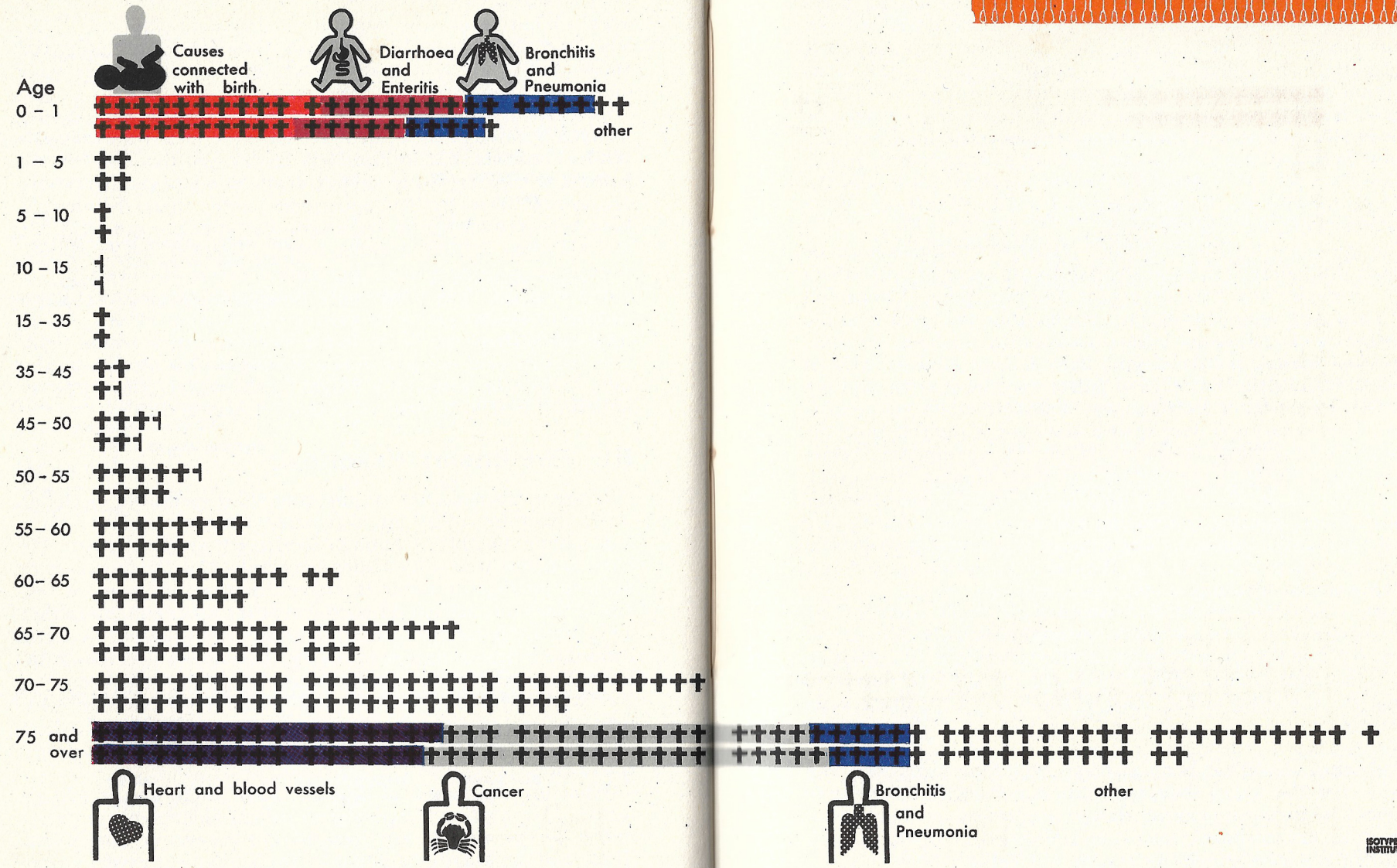
Each cross represents one death

The Dangerous Years

Upper line of crosses represents Deaths per 400 males

Lower line of crosses represents Deaths per 400 females

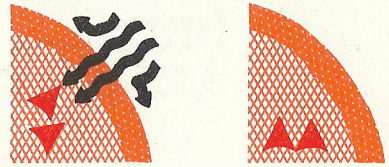




The Battle Against Infection

The healthy body defends itself

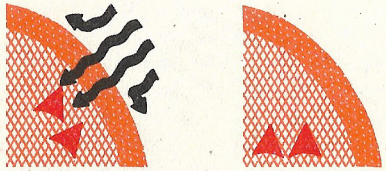
Small attack
partly held up by resistance of wall, partly defeated by defence bodies which develop.



Large attack
against unprepared body wins, because defence bodies develop too slowly.



Small attack preceeds large attack



A small attack makes the defence bodies develop.



A large attack after a small one finds a defence army ready; to this more defence bodies are added as a result of the new attack. The body usually wins.

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Medical science strengthens the defence

Resistance
Building up resistance by good food, fresh air, and healthy habits.



Prevention of attacks
Fencing off attacks by avoiding contacts. Killing the attackers outside the body. (disinfectants, purifying water etc.)



Artificial small attack (vaccination, inoculation, immunisation) before possible large attack.



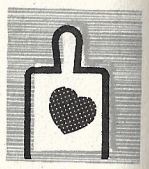
Artificial counter-attacks

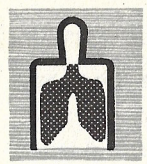


by injection of extra defence bodies or by chemical killers.

CHART IV

Distribution of Deaths from Heart Disease and Tuberculosis





Between ages of 20 and 35 (almost all rheumatic)

Between ages of 55 and 65 (very little rheumatic)

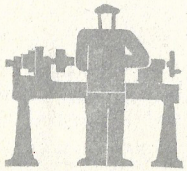
Between ages of 20 and 65 (Pulmonary Tuberculosis)



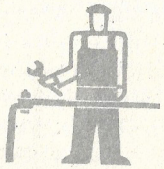
Upper professional and managerial



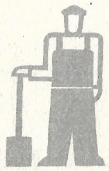
Lower professional and managerial



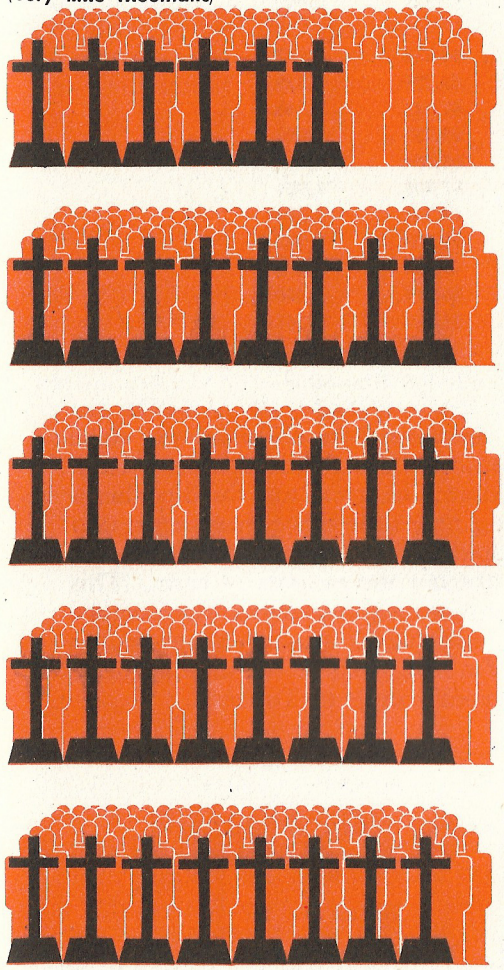
Skilled and black-coated workers

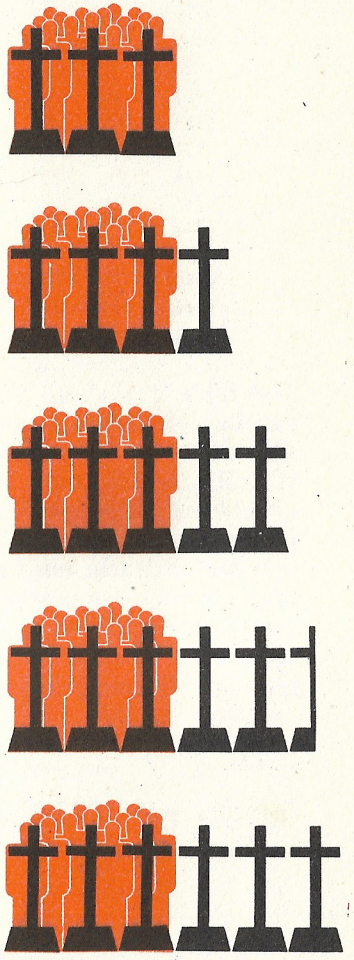


Semi-skilled and agricultural labourers



Unskilled labourers



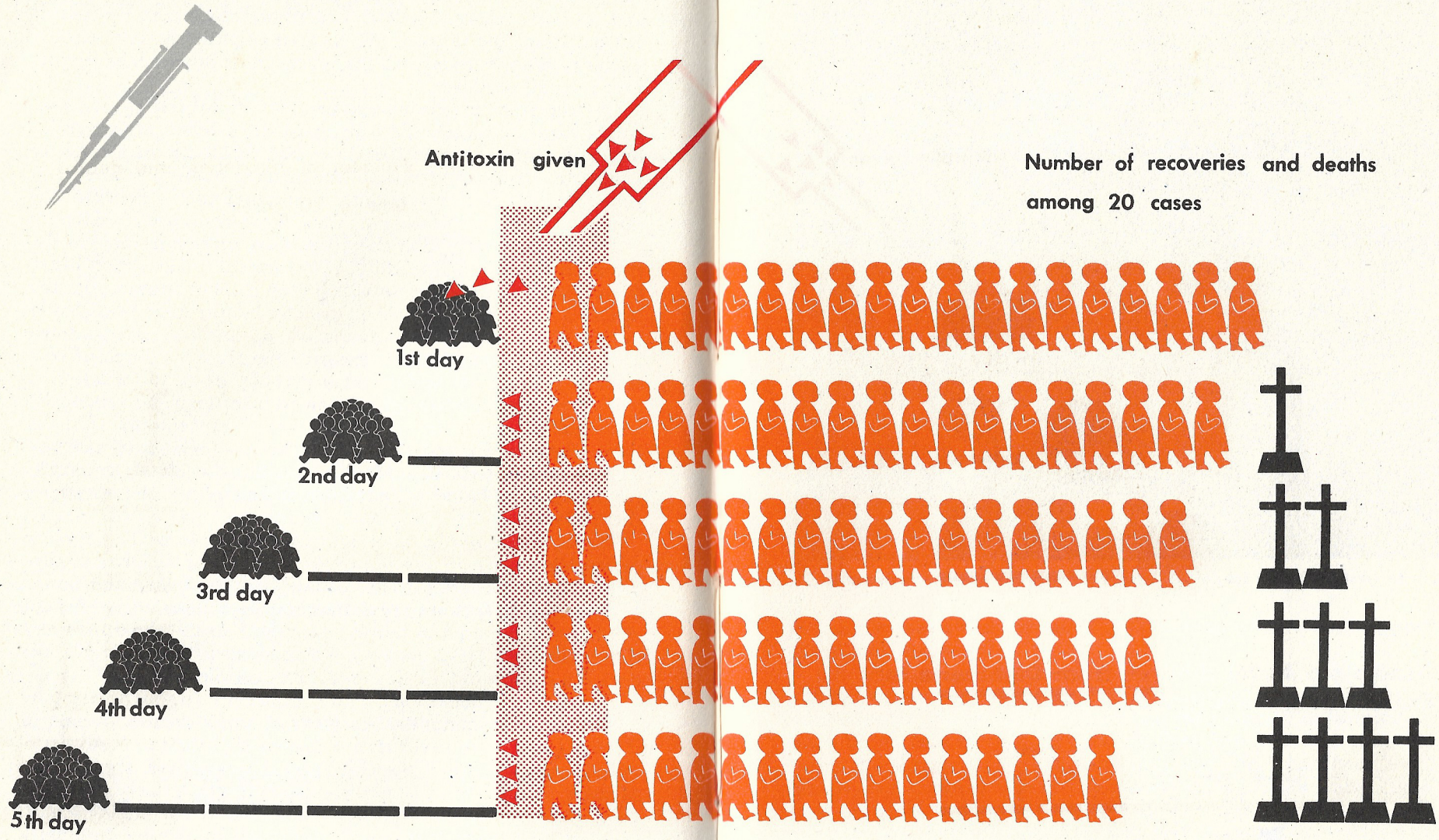


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Each cross represents 20 deaths from heart disease per 1 million persons living in that social group

Each cross represents 20 deaths from tuberculosis per 100,000 persons living in that social group

Diphtheria Treatment

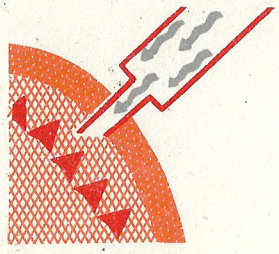


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How to Fight Diphtheria

Two small pin pricks protect a child by immunisation

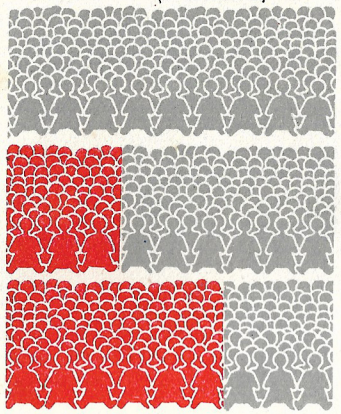




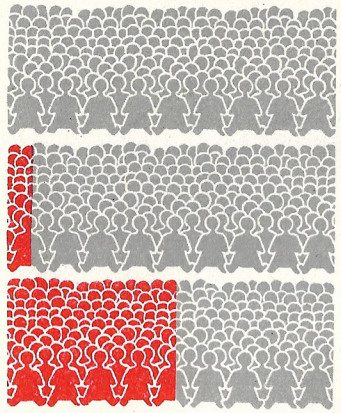


Immunisation

In Toronto (Canada)



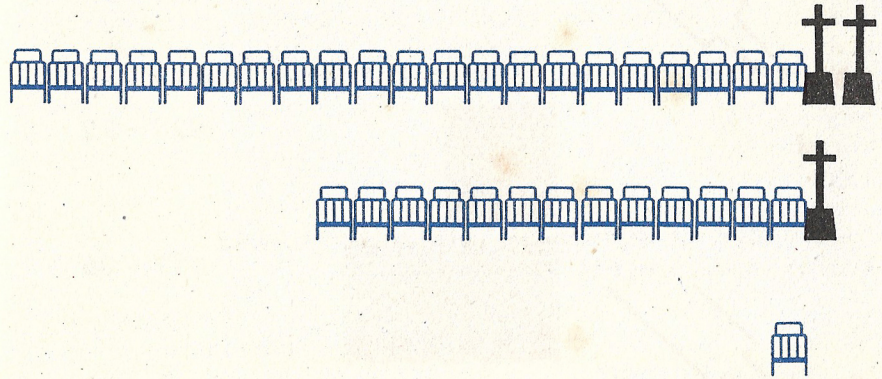
In England and Wales



red: average proportion of children immunised

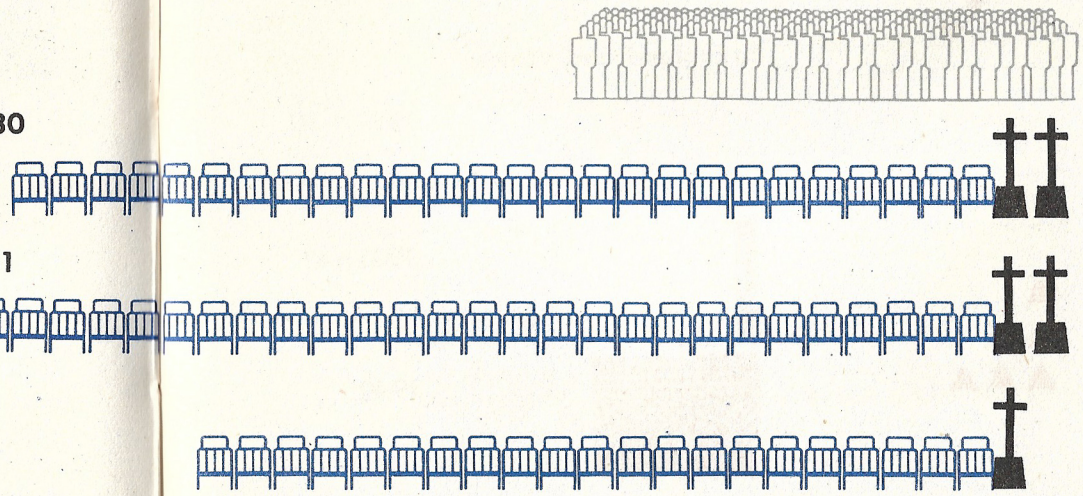
Cases of Diphtheria

Deaths from Diphtheria



Each bed represents 50 cases per year

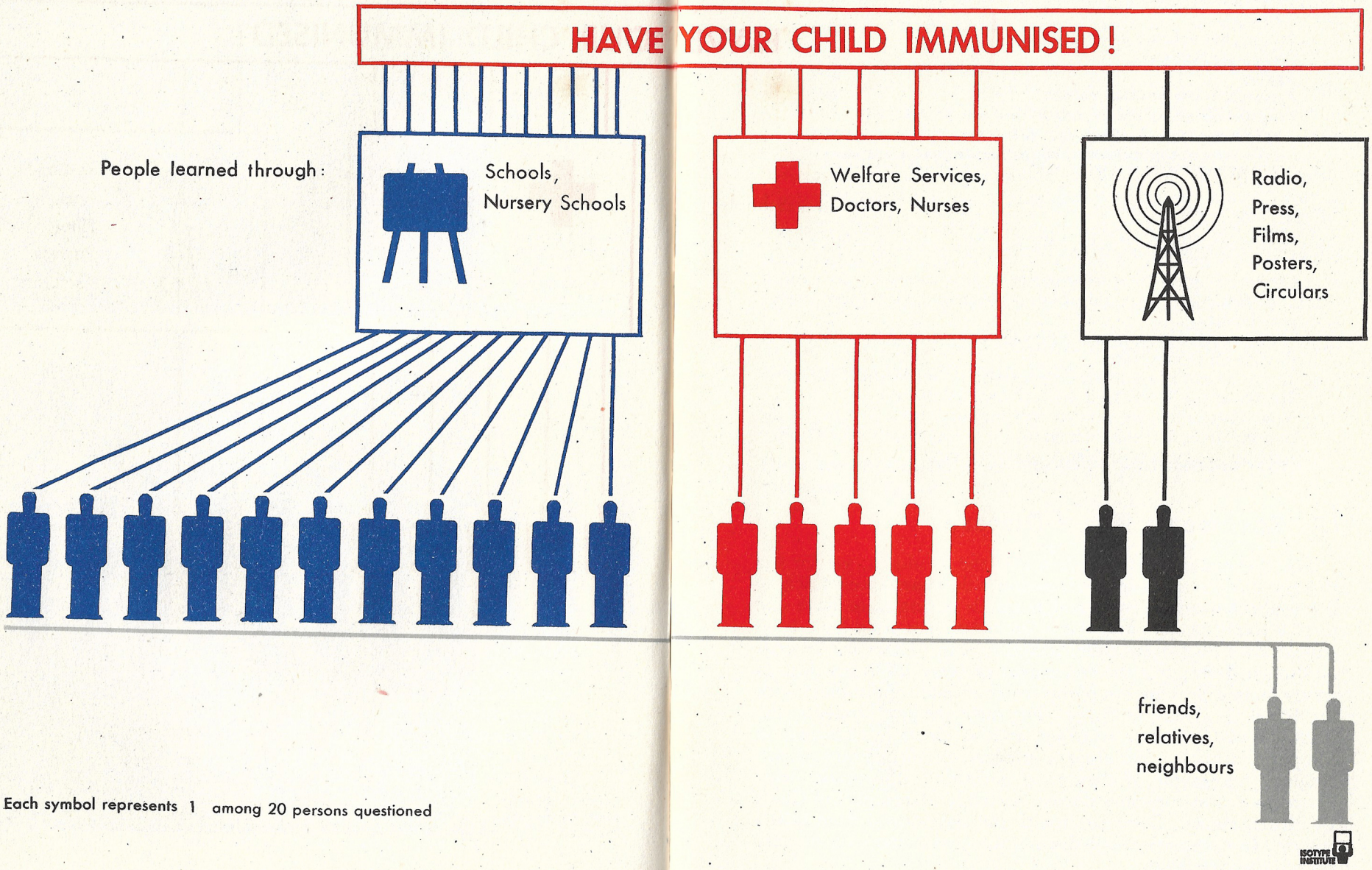
Each cross represents 50 deaths per year



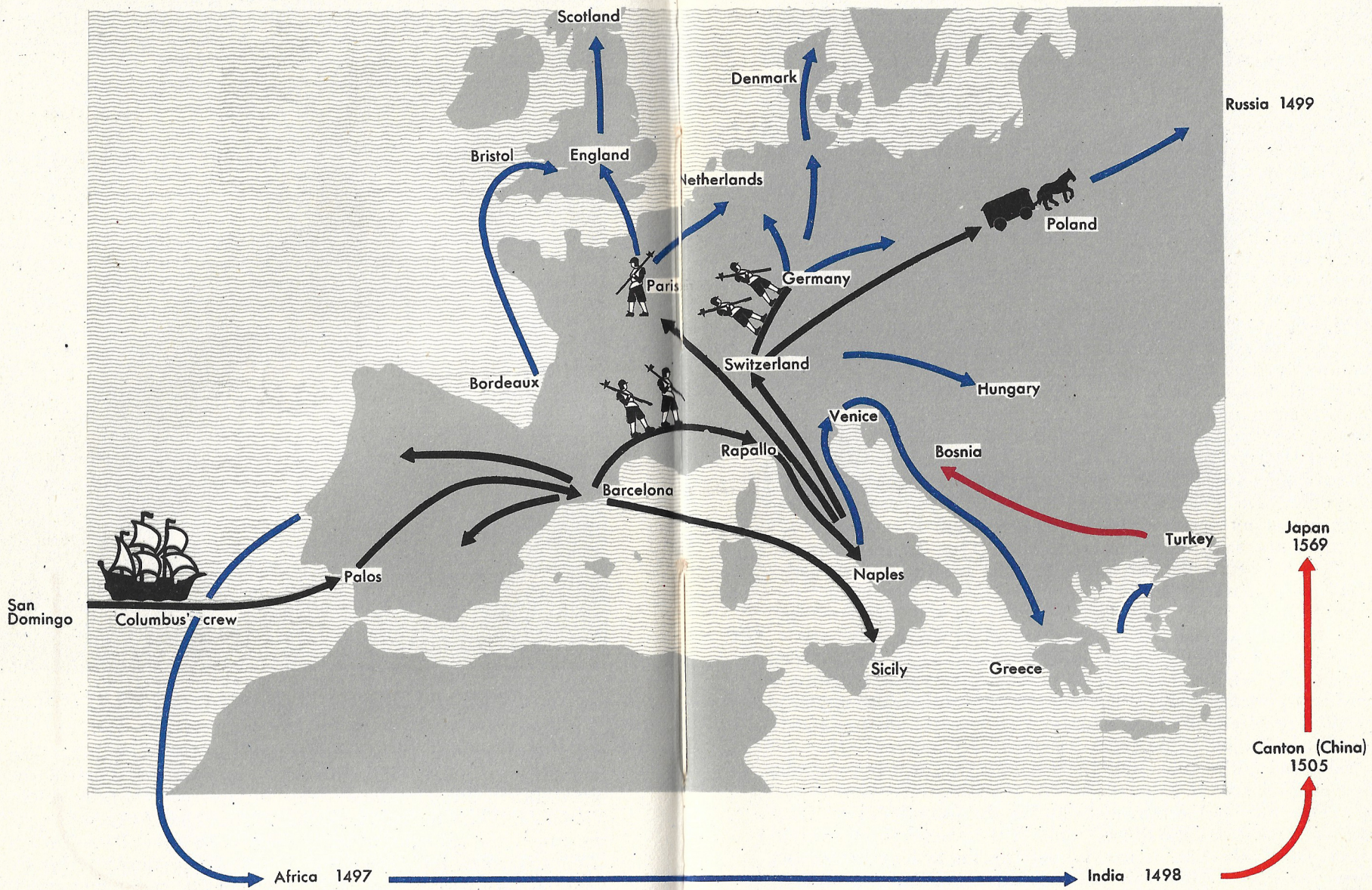
Each bed represents 50 cases per year per million population

Each cross represents 50 deaths per year per million population

How People Learned about Diphtheria Immunisation

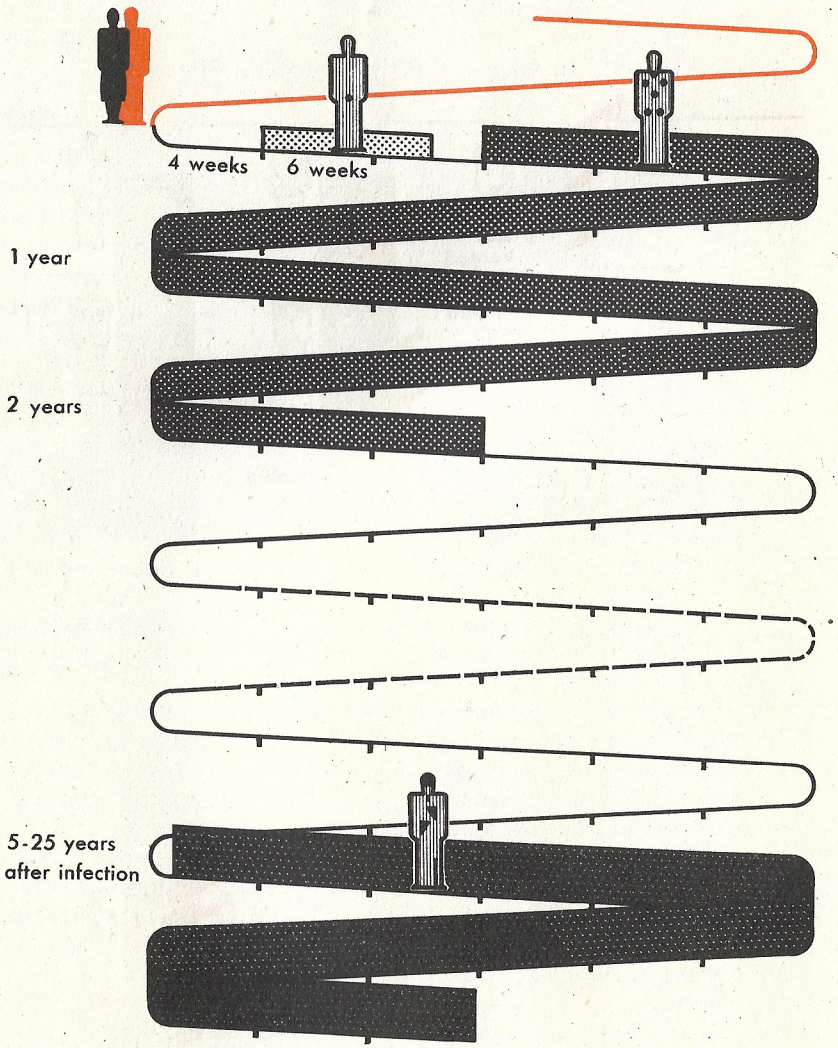


How Syphilis Spread to the Old World



black: 1493 - 1495 blue: 1496 - 1499 red: 1500 and after

The Story of Syphilis inside the Body if untreated



The height and shade of the wall indicates the extent of obvious symptoms

Defence Against Syphilis

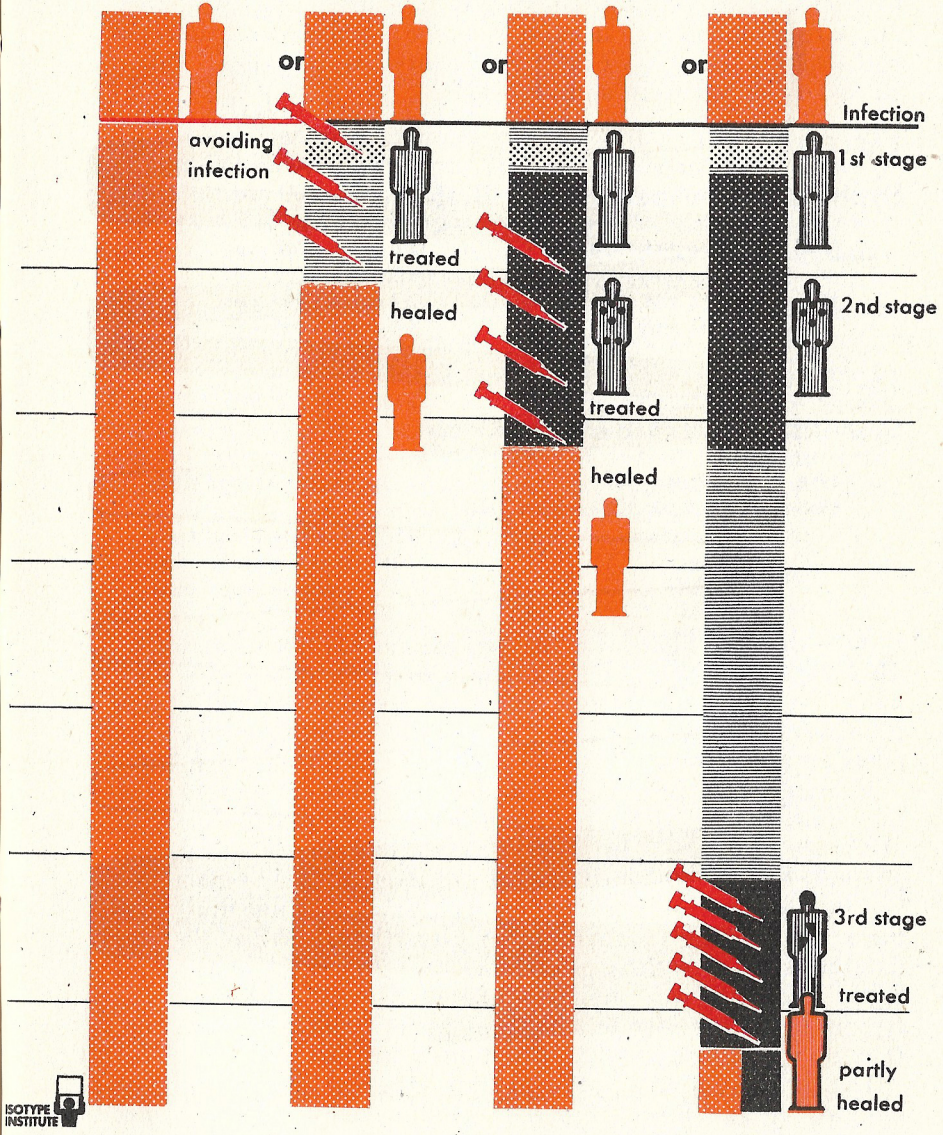
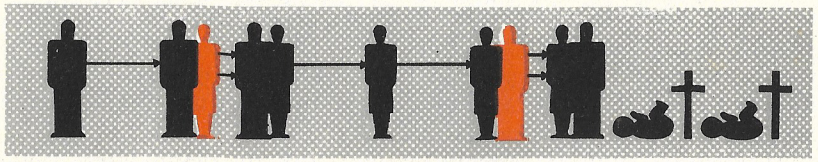
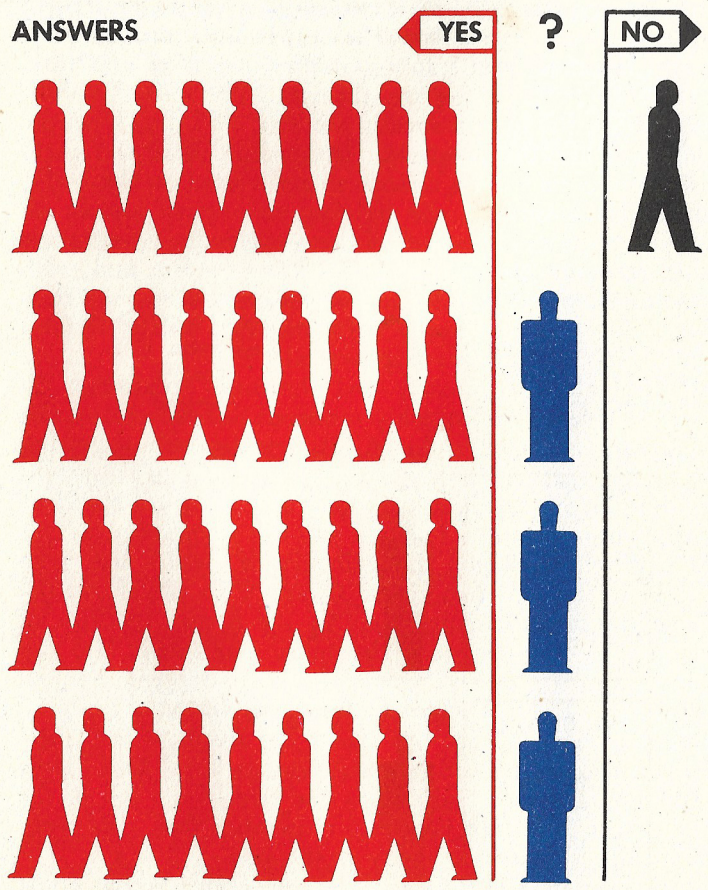


CHART X

The Public Questioned

Do you want to know about V.D.?





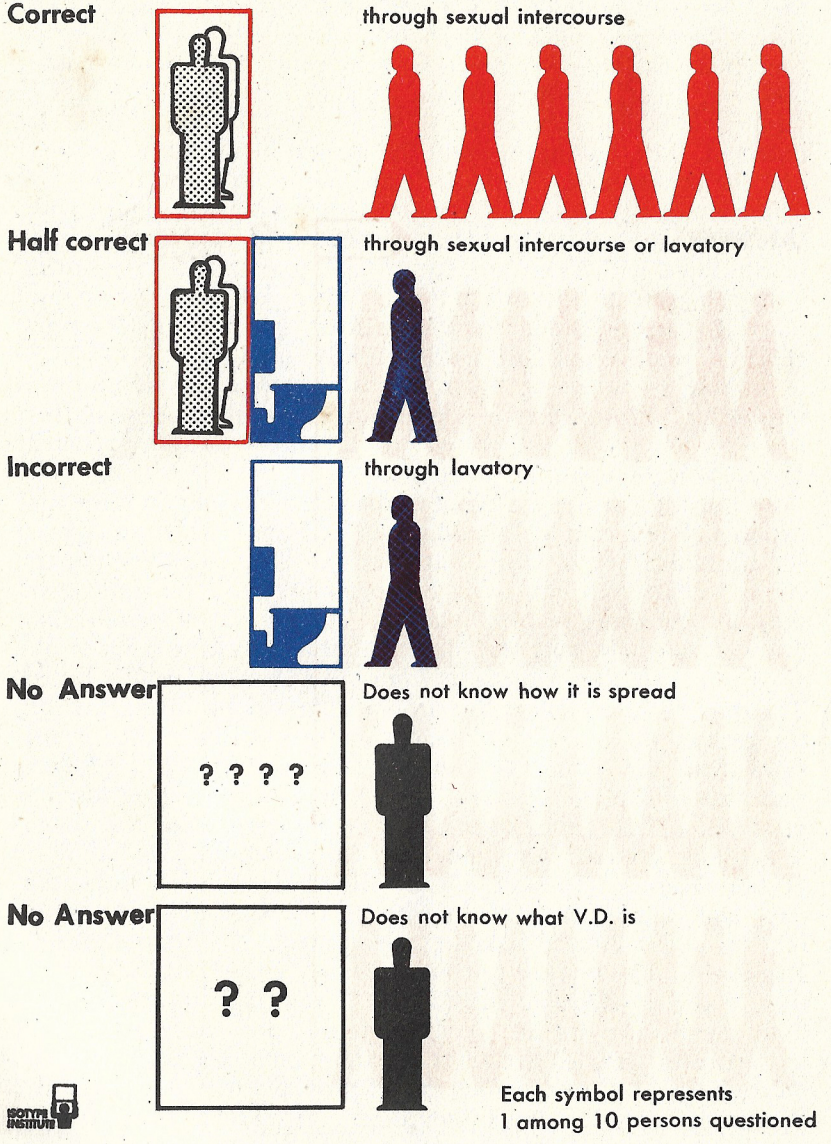
Each symbol represents 1 among 40 persons questioned

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CHART XI

The Public Questioned

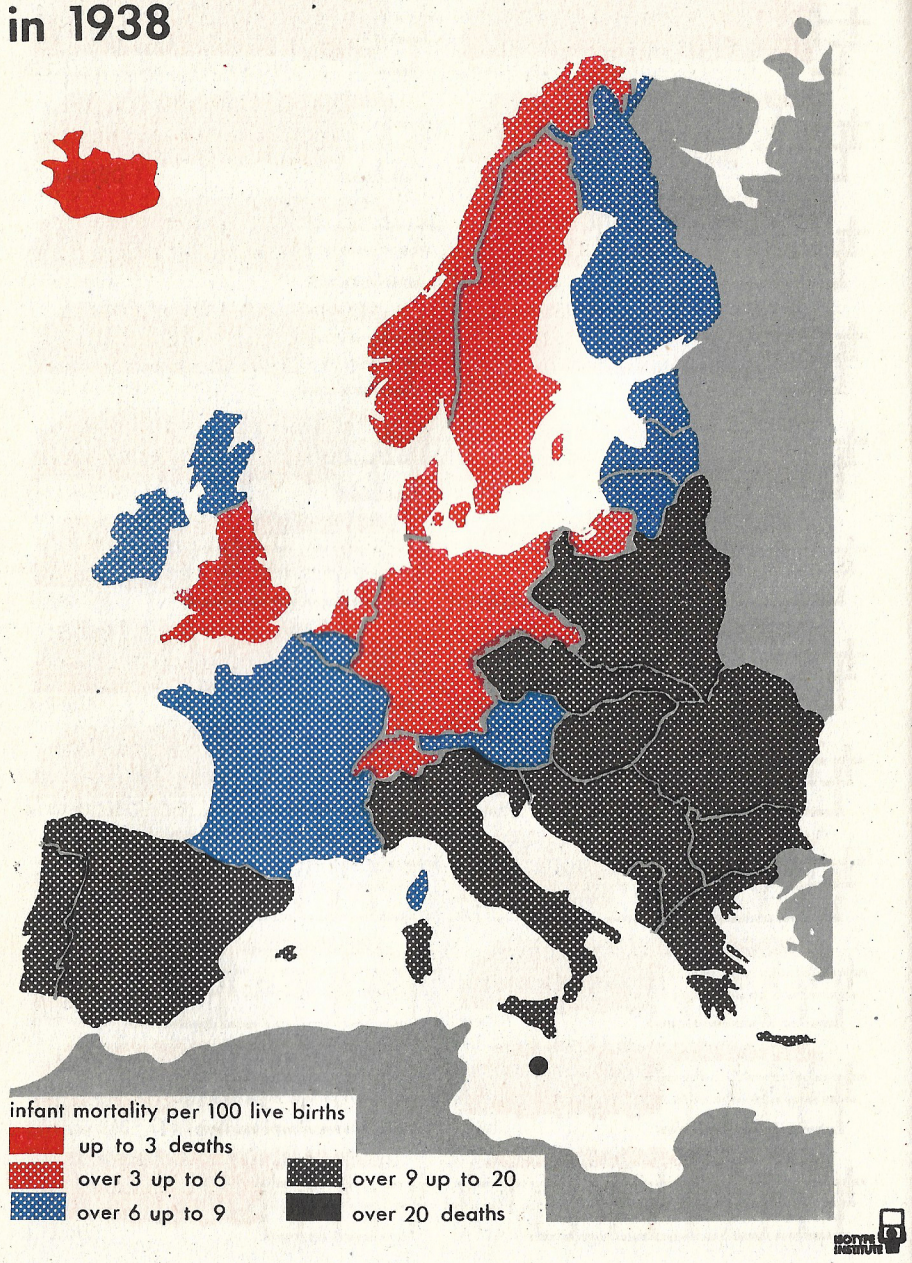
How is V.D. spread? **ANSWERS**

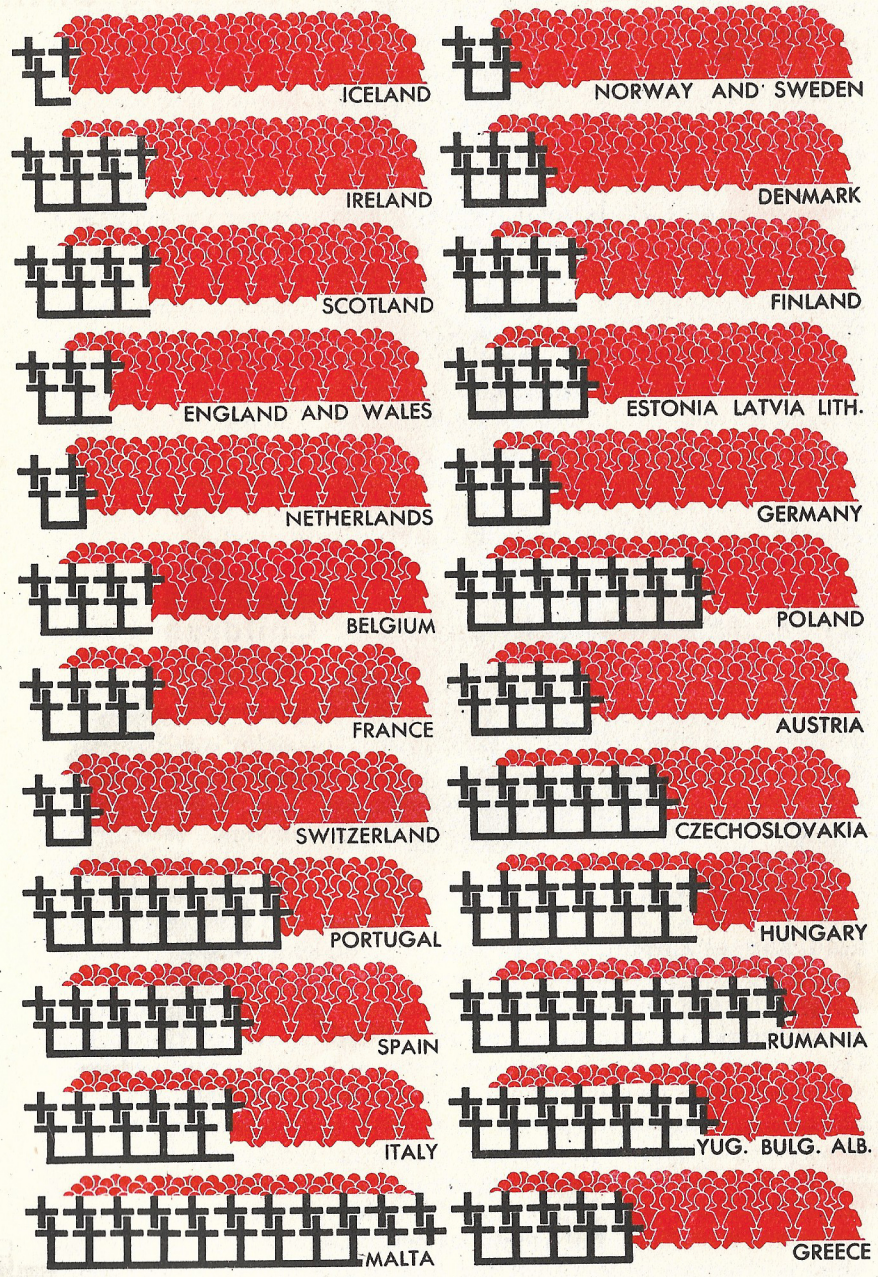


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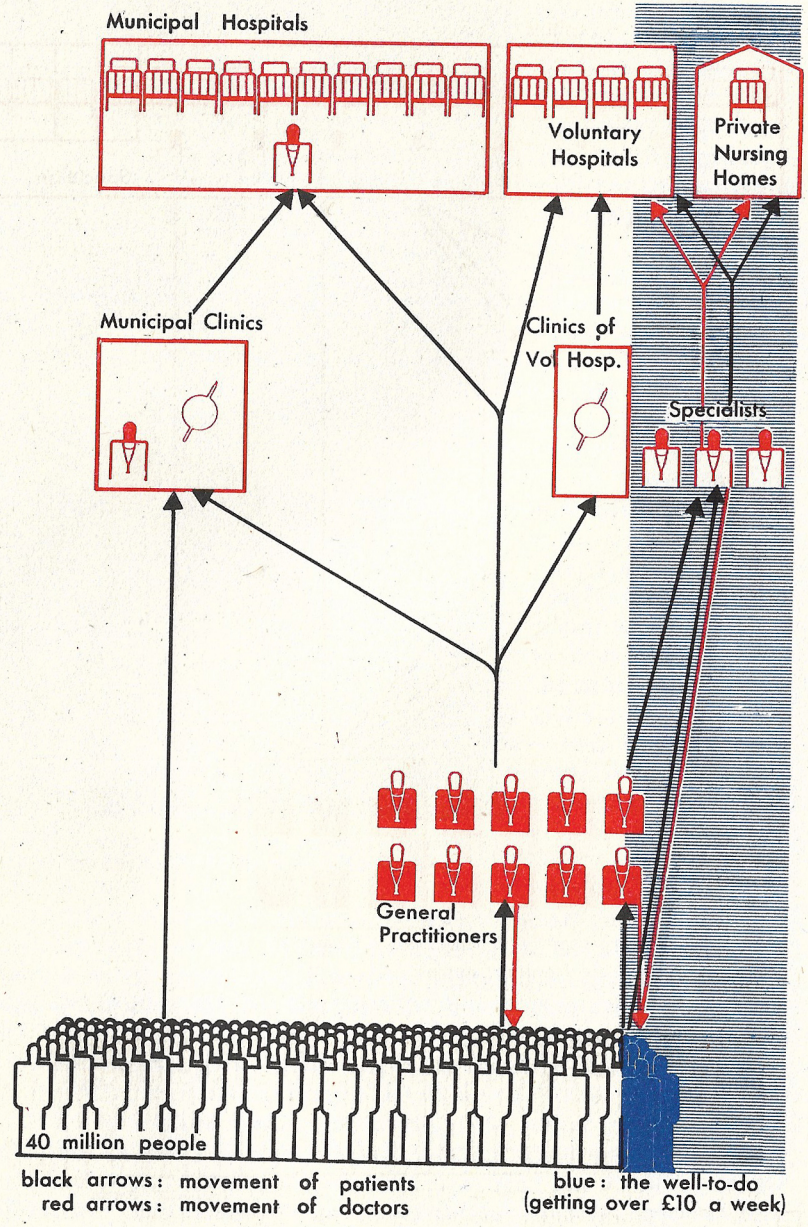
Each symbol represents
1 among 10 persons questioned

Deaths under 1 year per 100 Live Births in 1938

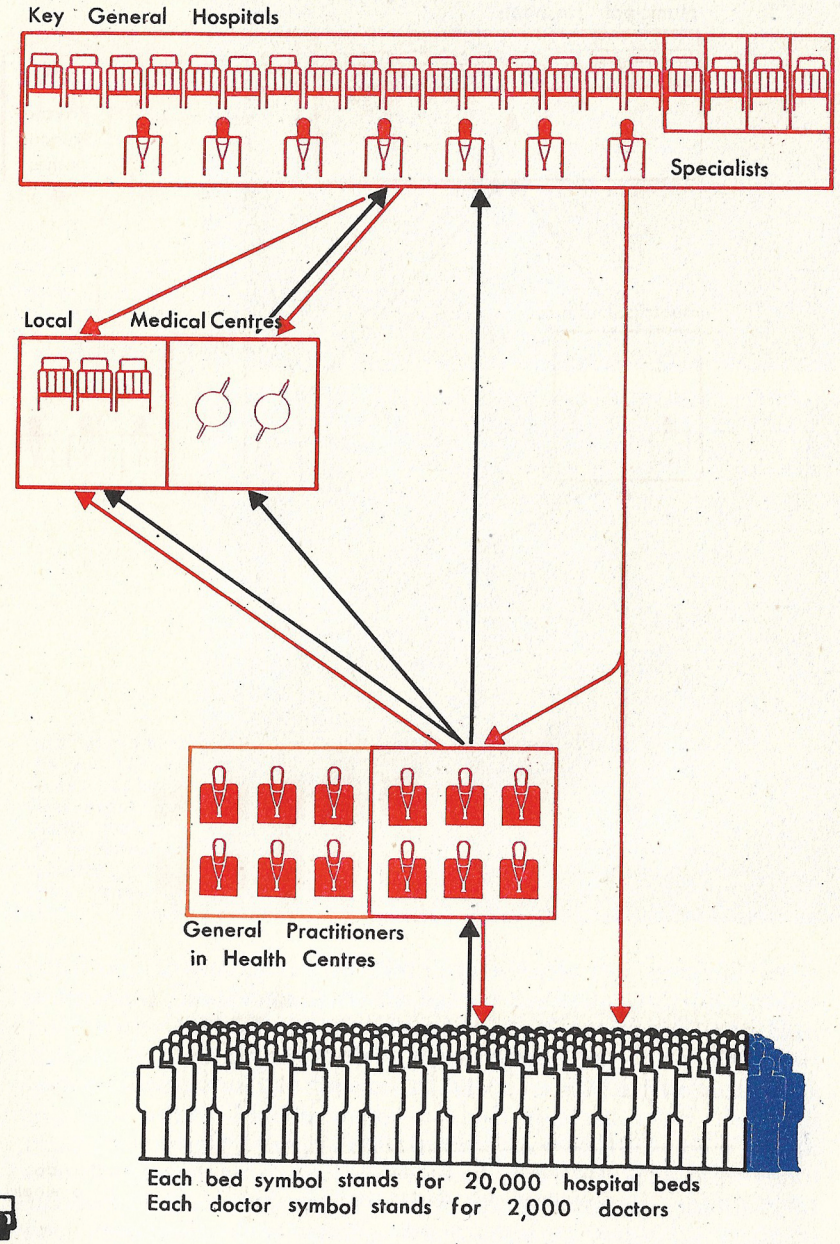




An Unplanned Medical Service



A Planned Medical Service



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