

3. A detention hospital for compulsory handling of undesirable patients from these institutions, or from charitable or corrective institutions, or from their homes where poverty or insanitary surroundings require that patients be compulsorily removed.

4. Open air camps—as day camps, roof gardens and tents.

5. Hospitals, especially marine or lakeside hospitals, for diseases of bones, joints and glands in children.

6. The preventorium for children.

7. The day nursery for the care of children of tuberculous families.

8. Open air schools.

9. Home treatment of tuberculous families.

10. A colony farm to give occupation to persons having recovered so as to be able to work.

Such is as admirable an illustration of applied sociology as can anywhere be found; but Dr. Biggs, after referring to the fact of New York's density of population—600 to 1,600 per acre, exceeding that of London which is not more than 400, makes the notable statement: "The whole problem of the prevention of tuberculosis is inextricably interwoven with various economic features in the lives of the working classes, but this applies to a much larger extent to the inhabitants of the great cities than elsewhere. It cannot be wholly solved until the questions relating to sanitary housing and the general welfare of the poorest classes have been satisfactorily answered."

We have presented this rather full outline, since nowhere has there been seen so extended and systematized an illustration of applied sociology based upon the data gained by compulsory notification and complete death returns as in New York, and nowhere have results been more striking, since the returns for 1911 in the boroughs of Manhattan and the Bronx show the following:

	Population	Total deaths Per 1,000	Deaths from tuberculosis per 1,000	Per centage of tubercu- losis deaths	Total noti- fications
1881.....	1,244,511	31.04	4.92	15.85	
1894.....	1,809,353	22.70	3.16	13.89	4,166
1911.....	2,872,428	15.78	2.35	14.90	51,211

The total tuberculosis deaths in 1911 were 6,760 and the reported cases for the year, not including duplicates, were 17,360, so that the notified cases, even excluding duplicates carried over from