

Maps 1 and 2 show respectively the 4th and 6th wards, with the distribution of reported cases and deaths from tuberculosis in these wards during three years. The cases and deaths in 1894 are platted with a circle; cases and deaths in 1895 with a triangle, and the cases and deaths in 1896 with a dagger. The dwelling houses in the maps have been coloured so as to put them in contrast with buildings not occupied as dwelling houses. Thus the dwellings which had one or more cases of tuberculosis during this period are coloured pink, and those free from tuberculosis during these years are coloured blue. The plots which are uncoloured are not dwelling houses, but occupied as business buildings, warehouses, etc.

These maps argue more forcibly for the infectious and communicable character of this disease than could any words. It should be said, however, that in some instances, where a large number of cases have occurred in one house during these years, the house had been occupied as a Chinese lodging house. This is especially true of several of the houses on Pell and Mott streets.

Maps 3 and 4 show the distribution of cases of diphtheria for the same period in the 10th and 13th wards. These maps, as has been said, are simply transcripts, reduced in size, from the maps on which are plotted, day by day, the reported cases and deaths from these diseases throughout the city.

#### TABLE I.

##### ANALYSIS OF DISTRIBUTION OF REPORTED CASES AND DEATHS FROM TUBERCULOSIS IN WARDS IV. AND VI.

*Years 1894, 1895, 1896, to March, 1897.*

##### WARD IV.

According to the census of 1896, there were 663 inhabited houses in Ward IV., with a population of 18,323, or an average number of 27.6 persons per house.

No. of houses in which cases occurred.....	248
“ cases in 1894.....	173
“ “ 1895.....	161
“ “ 1896-97.....	207
Total number of cases in 3 years .....	541
Average number of cases per infected house.....	2.81
Percentage of houses infected.....	37.3
Average number of cases per house in ward.....	0.81
Cases per 1000 population in 1894.....	9.4
“ “ “ 1895.....	8.7
“ “ “ 1896-97.....	11.2
Total cases per 1000 population in 3 years....	29.3