

army and among a people in which vaccination and re-vaccination are not so rigorously enforced.

TERMS OF YEARS FOR WHICH DATA ARE GIVEN.	REGION.	APPROXIMATE AVERAGE ANNUAL DEATH RATE FROM SMALL-POX PER MIL- LION OF LIVING.	
		Before Intro- duction of Vaccination.	After Intro- duction of Vaccination.
1777-1806 and 1807-1850.	Lower Austria.....	2,484	340
" "	Upper Austria and Salzburg ...	1,421	501
" "	Styria	1,052	446
" "	Illyria	518	244
" "	Trieste	14,046	182
" "	Tyrol	911	170
" "	Bohemia.....	2,174	215
1776-1780 and 1810-1850.	Prussia (East).....	321	56
" "	Prussia (West).....	2,272	356
" "	Westphalia.....	2,643	114
" "	Rhine Provinces.....	908	90
1774-1801 and 1810-1850.	Sweden.....	2,050	158
1751-1800 and 1801-1850.	Copenhagen	3,128	286

DEATH-RATE PER MILLION IN LONDON AT SUCCESSIVE PERIODS.

YEARS.	AVERAGE AN- NUAL DEATHS FROM ALL CAUSES.	AVERAGE AN- NUAL DEATHS FROM SMALL-POX.	
1660-79.	80,000	4,170	
1728-57.	52,000	4,260	Optional Variolation.
1771-80.	50,000	5,020	"
1801-10.	29,200	2,040	Optional Vaccination.
1831-35.	32,000	830	"
1838-53.	24,900	513	"
1854-71.	24,200	388	Obligatory ; badly enforced.
1872-82.	22,100	262	Obligatory Vaccination ; more efficient.

I have not, gentlemen, given you this evening many statistics, but these diagrams, if they were the solitary records we possess concerning the results accruing from proper vaccination, would be sufficient to prove absolutely the enormous benefit to the nation of vaccination and re-vaccination. While upon statistics, I may here, thanks to the great kindness of Dr. Wyatt Johnston in permitting me to use observations and statistics compiled by him and not yet published, say a few words showing the other side of the picture, namely, showing the fatality from small-pox in an imperfectly vaccinated community, to-wit, in this city of Montreal. I might perchance have selected more