DESCRIPTION OF THE EXPERIMENT A	VALUE	
Population of the town	2000	
Count of the major service providers(S)	8	
Count of the known infected persons(IR)	30	
RESULTS	COUNT OF PERSONS WHO NEED TO BE TESTED	STANDARD DEVIATION
Without any social distancing (T100)	1713	2.75681
With social distancing reducing contacts to 50 % (T50)	1705	3.815757
With social distancing reducing contacts to 33 % (T33)	1691	5.639149
With social distancing reducing contacts to 50 % with assigned service provider (TC)	1702	2.061553

DESCRIPTION OF THE EXPERIMENT B	VALUE	
Population of the town	2000	
Count of the major service providers(S)	3	
Count of the known infected persons(IR)	100	
RESULTS	COUNT OF PERSONS WHO NEED TO BE TESTED	STANDARD DEVIATION
Without any social distancing (T100)	1652	4.224926
With social distancing reducing contacts to 50 % (T50)	1644	6.2482
With social distancing reducing contacts to 33 % (T33)	1629	5.575841
With social distancing reducing contacts to 50 % with assigned service provider (TC)	1642	3.929377

DESCRIPTION OF THE EXPERIMENT C	VALUE	
Population of the town	5000	
Count of the major service providers(S)	3	
Count of the known infected persons(IR)	5	
RESULTS	COUNT OF PERSONS WHO NEED TO BE TESTED	STANDARD DEVIATION
Without any social distancing (T100)	4387	2.891366
With social distancing reducing contacts to 50 % (T50)	4359	7.200694
With social distancing reducing contacts to 33 % (T33)	4329	7.46994
With social distancing reducing contacts to 50 % with assigned service provider (TC)	4347	6.5

DESCRIPTION OF THE EXPERIMENT D	VALUE	
Population of the town	10000	
Count of the major service providers(S)	3	
Count of the known infected persons(IR)	5	
RESULTS	COUNT OF PERSONS WHO NEED TO BE TESTED	STANDARD DEVIATION
Without any social distancing (T100)	8831	4.707441
With social distancing reducing contacts to 50 % (T50)	8788	6.487681
With social distancing reducing contacts to 33 % (T33)	8753	12.581335
With social distancing reducing contacts to 50 % with assigned service provider (TC)	8761	10.129166