

Population Statistics numbers

In order for this crowdsourcing network to be a useful service, certain population and active-user requirements must be met. Specifically, in order for the network to be used within a particular geographic area, the population density of autoinjector carriers must be high enough to make sharing their autoinjectors logistically possible within a reasonable amount of time. Based on this necessity, the following probabilistic measure is considered:adjustwidth2.5em0pt In the event that Person X is looking for an autoinjector in Area A , what is the probability that there exists some Autoinjector Carrier Y such that the distance between X and Y makes it possible for Y to walk to X faster than an ambulance could travel to X ?