```
HealthStats.h
class HealthStats{//atributos
    int healthy;
    int infected;
    int sick;
    int immune;
    int dead;
    int infectious;
    int visiblyInfectious;
    public: //metodos
        int get_healthyCount();
        void set_healthyCount(int hc);
        int get_infectedCount();
        void set_infectedCount(int ic);
        int get_sickCount();
        void set_sickCount(int sc);
        int get_immuneCount();
        void set_immuneCount(int ic);
        int get_deadCount();
        void set_deadCount(int dc);
        int get_infectiousCount();
        void set_infectiousCount(int ic);
        int get_visiblyInfectiousCount();
        void set_visiblyInfectiousCount(int vic);
        friend ostream & operator << (ostream &out,</pre>
                             const HealthStats hs);
```