Linking a patient's address to his IRIS: Experience of GRELL General cancer Gironde S. Maurisset¹, A. Galvin². G. Coureau¹²³ Gironde General Cancer Registry, Bordeaux

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INTRODUCTION

- In France, cancer registries are allowed to collect personal data such as patients' addresses.
- The IRIS is a geographical division of the French population, usually between 1,800 and 5,000 inhabitants, including on the standard of living of their occupants.

OBJECTIVE

 To link a patient's address to his IRIS and access information about the patient's standard of living and his EDI score (European Deprivation Index) with an open source software.

RESULTS

- Using this process, it is possible to associate all the addresses of a department with the corresponding IRIS code, or a set of patient addresses.
- For the Gironde French department, only 47 addresses out of more than 750,000 could not be associated with the corresponding IRIS. Thus, more than 99.99% of the addresses could be linked to their IRIS code.

CONCLUSION

- To study populations, statistical data linked to IRIS are highly relevant. In France, the National Geographic Institute will soon propose this relationship between addresses on the data.gouv.fr website.
- In the meantime, with the present method, everyone can simply link an address to its IRIS code.

METHODS

1 – GEOLOCATED ADRESSES





2 – LOAD IRIS MAP IN OGIS



For some addresses, the IRIS code is not found because the IRIS contours are not precise enough at the level of the seaside cities

santé

• publique

IRIS code of Gironde

NATIONAL

Registre Général

université

BORDEAUX

CHU BDX