

3rd MEETING EUROPEAN CYSTICERCOSIS WORKING GROUP

CYSTICERCOSIS IN PORTUGAL 2005-2009 USING GDH (DRG)

ESTABLISHING CONCEPTS

Grupos de Diagnósticos Homogéneos (GDH) is the Portuguese version of Diagnosis-related group (DRG) a system to classify hospital cases, and its intent is to identify the "services" that a hospital provides.

Based on ICD (International Classification of Diseases) we can obtain diagnoses by age, sex, residence, hospital of reference and this information is usually used to determine how much each hospital spends on each "service".

IT WAS NOT CREATED FOR EPIDEMIOLOGIC PURPOSES!



ESTABLISHING CONCEPTS

There can be more than one record for a single patient!

SO

Each record represents a single admission to the hospital and it is not possible to identify the patient!

There are no "cases"!

We can not determine prevalence!



HOW WE USED THE DATA

WE COLLECTED ALL RECORDS, REGISTERED AT ALL PORTUGUESE HOSPITALS AS A SINGLE CYSTICERCOSIS ADMISSION

 WE ELIMINATED ALL RECORDS WHERE THE SAME AGE, SEX AND RESIDENCE ADRESS COULD INDICATE THAT IT MAY BE THE SAME PERSON

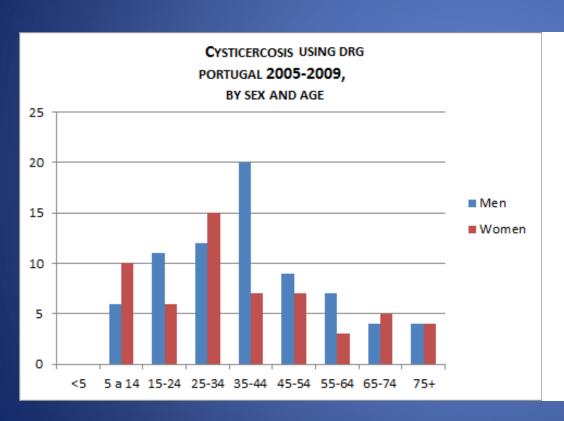
WE GROUPED THE REMAINING RECORDS BY AGE AND SEX

• WE LOCALIZED EACH RECORD WHERE RESIDENCE ADRESS WAS AVAILABLE ON A MAP BY YEAR OF OCURRENCE



WHAT WE FOUND

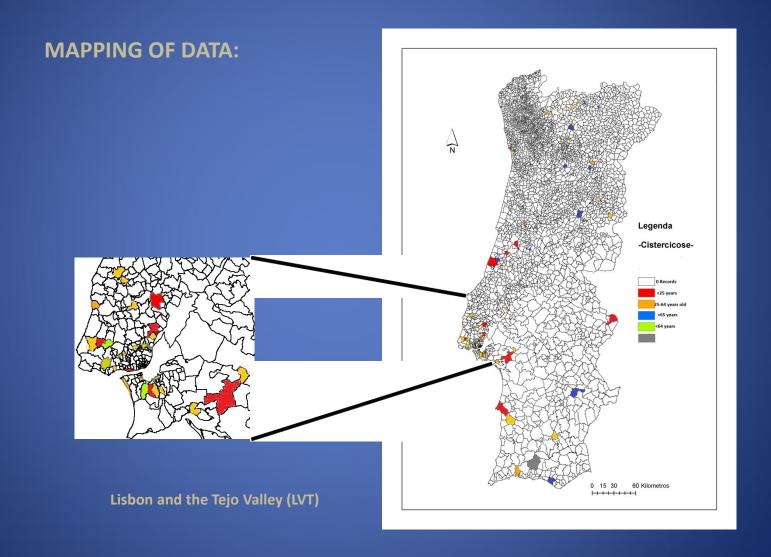
A TOTAL OF 130 RECORDS: **57** WOMEN AND 73 MEN With a mean age of **36** for women and 40 for men.



GROUP OF AGES	Men	Women
<5	0	0
5 a 14	6	10
15-24	11	6
25-34	12	15
35-44	20	7
45-54	9	7
55-64	7	3
65-74	4	5
75+	4	4
Total	73	57



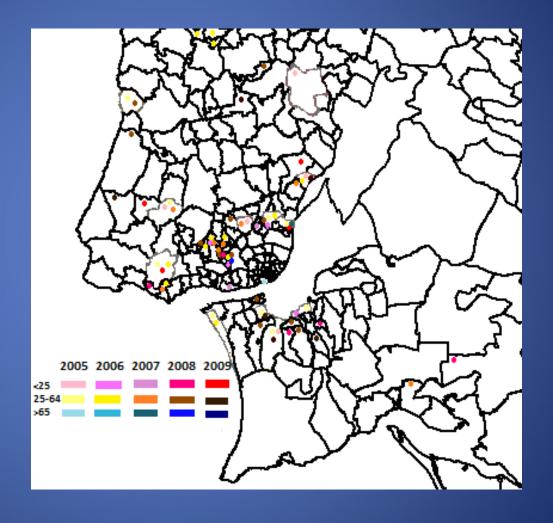
WHAT WE FOUND





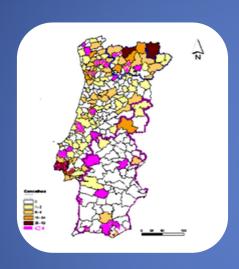
WHAT WE FOUND

LOOKING CLOSER

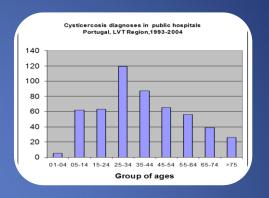




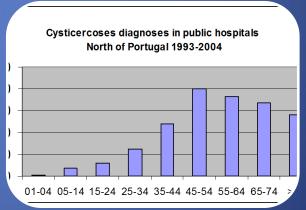
TRENDS



1993-2004



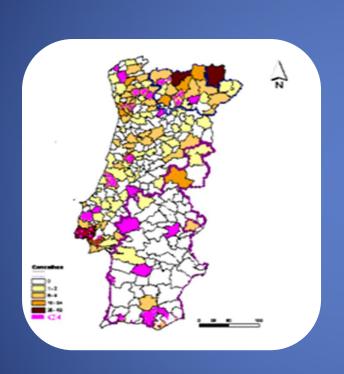
1993 -2004 LVT

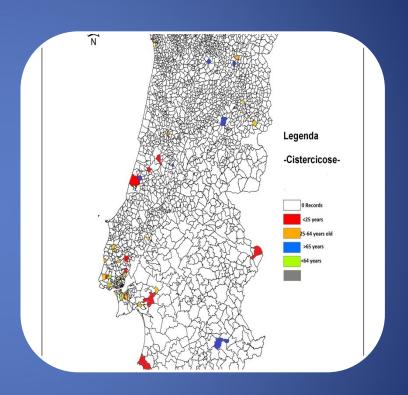


1993-2004 NORTH



TRENDS



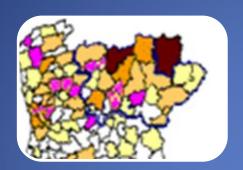


1993-2004

2005 -2009



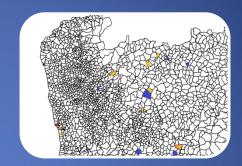
TRENDS



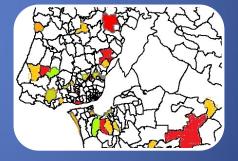
North 1993-2004



LVT 1993-2004



North 2005-2009



LVT 2005-2009



WHAT IS OCURRING?

Revolution of 25 April 1974

Creation of the NHS, 1979

IMPROVEMENT OF

LIVING CONDITIONS OF

THE GENERAL

POPULATION

Joined the European Union 1986



WHAT IS OCURRING?

Generalization of basic sanitation

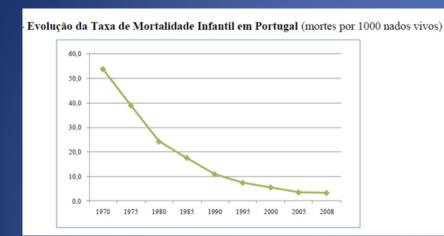
 Supply of drinking water to homes

Better environmental and health conditions

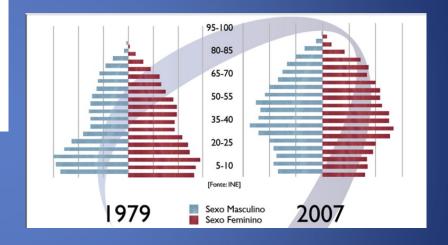
IMPROVEMENT OF LIVING CONDITIONS OF THE GENERAL POPULATION



WHAT IS HAPPENING?



Ana de Almeida Eira . A Saúde em Portugal: A procura de cuidados de saúde privados. Tese de Mestrado em Economia. Universidade do Porto, 30/7/2010

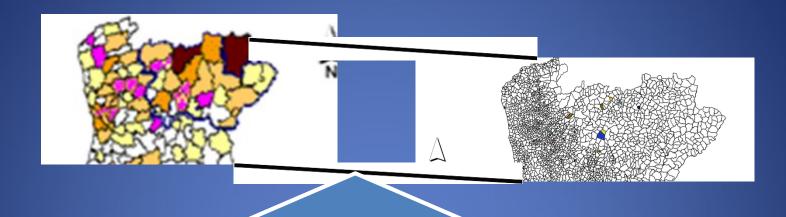


HDI

1975 1980 1985 1990 1995 2000 2005 2011 0.793 0.807 0.829 0.855 0.885 0.904 0.897 **0.809**



CONCLUDING



WE HAVE SOLVED MANY
DEVELOPEMENT
PROBLEMS, AND AS A
CONSEQUENCE
CYSTICERCOSIS TOO



CONCLUDING

ARE WE NEGLECTING THE
EXISTING SOCIAL PROBLEMS
AND CREATING NEW
OPORTUNITIES FOR THIS
PARASITE?

AND OTHERS....?

