

Injury Surveillance in Portugal

Progress, problems, perspectives

JAMIE-Training Event 11/2011

Berlin Nov 2011

Injury Surveillance

1986-1999

- Ehlass
- Consumer Safety (Ministry of Economy)

2002



National Institut of Health



National Health Observatory

2008

- Home and Leisure Injuries
- -Acidentes Domésticos e e Lazer



Departamento de Epidemiologia DEP



Instituto Nacional de Saúde Dr. Ricardo Jorge

2011

All injuries



Home and Leisure Injuries



Health UNITS (public)

Health centers

Emergency Hospitals

SINUS

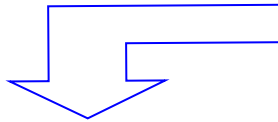
SONHO

Módulo ADELIA

Módulo ADELIA



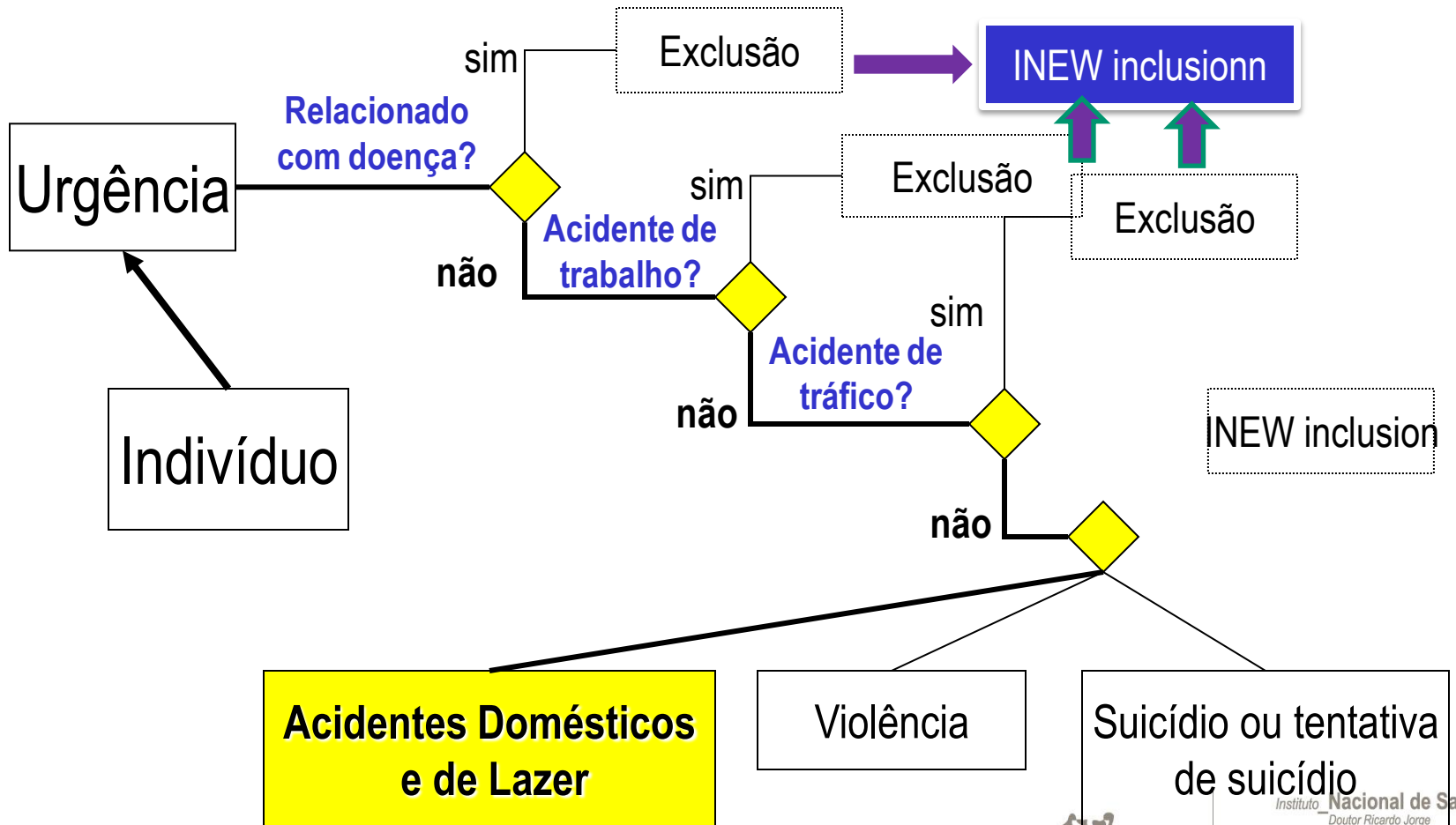
Health network



Health Information System

DEP - INSA
Epidemiological and statistical analyses

National Report Statistics-Newsletter
Information – Health professionals, media, students



2011 Data set

Code Hospital/Centro de Saúde

Country code

Unique national record number –
Number of the emergency department case

Sex

Age

Date of injury

Time of injury

Time of attendance

Date of attendance

Place of occurrence

Mechanism of the injury

Activity

Nature of injury

Part of the body injured 1,2

Narrative – Description of the event

Number of days in hospital

Follow-up (level 1)



Módulo ADELIA – aplicação SONHO e SINUS 2002-

IGIF	Registo de Acidentes	IGIF
URGENCIA N° 1000092		
Nome:		N° Utente:
Sexo: 2 Feminino		N° Processo:30001006
		Data Nascimento: 25/08/1964
ACIDENTE		
Data-Hora Atendimento: 06/06/2001-11:00 Data-Hora Acidente: 06/06/2001-09:00		
Local da Ocorrência: 05 Area desportiva		
510 Campo de jogos		
Mecanismo de Lesao : 02 Compressao, corte, perfuração		
021 Corte		
Actividade: 05 Exercício Físico		
051 Desporto		
Tipo de Lesao : 04 Ferida Aberta		
Parte do Corpo: 01 Cabeça		13 Olho
Descrição: Jogar futebol feriu olho baliza		

Tipo de Local de Ocorrência [Listar] [Gravar] [Remover] [Sair] [Mostrar Teclas]
Count: *1 <List><Replace>

ADELIA

Patient information

Place of occurrence

Cod	Descrição		
0	Áreas de transporte	001	Passeio
1	Casa	010	Pista de bicicletas
2	Locais de trabalho e campo	020	Auto-estrada
3	Área de comércio e serviços	300	Loja
4	Escola, área institucional e recintos públicos	320	Hotel
5	Área desportiva	500	Ginásio
6	Área de diversão e entretenimento	510	Campo de jogos
7	Ar livre	520	Piscina
9	Outros locais e não especificados	590	Área desportiva não especificada
		511	Estádio

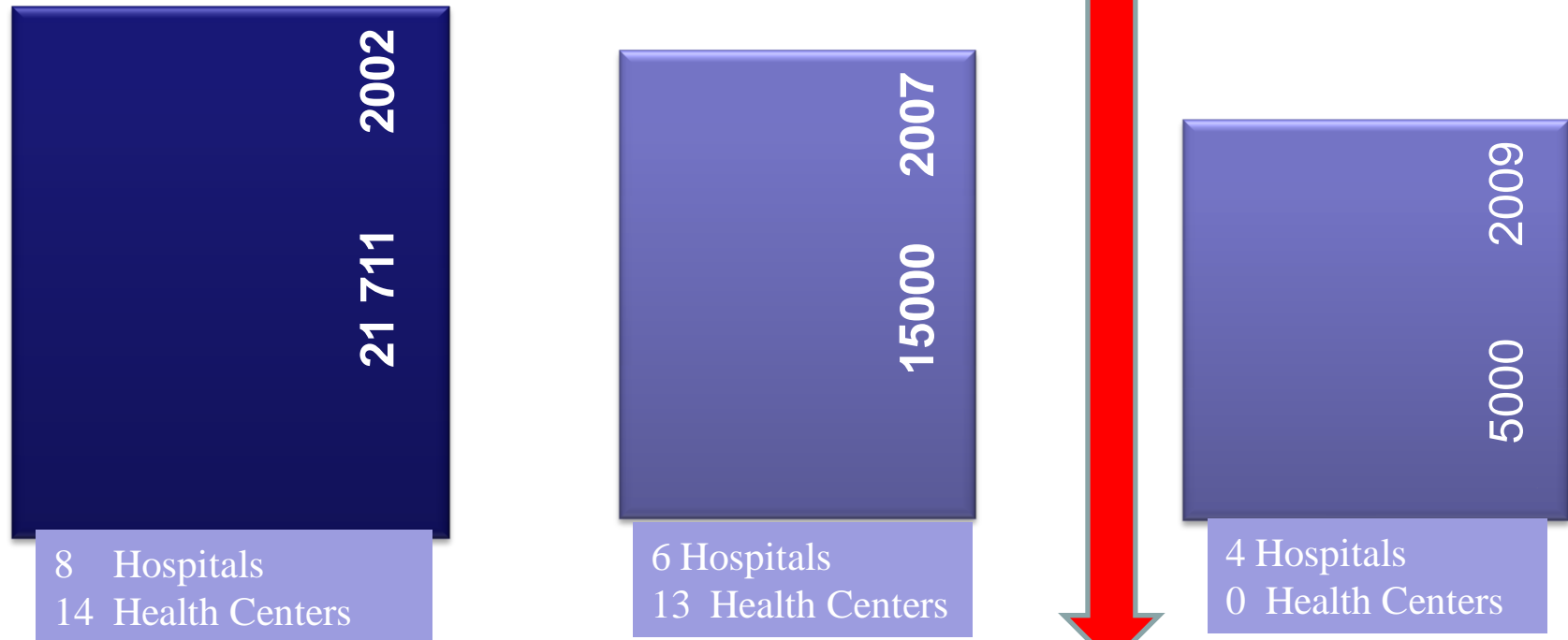
Attendance Emergency Departments

2004 (Public, N Public e Militar)

Total Observed	7.045.270	100%
Total injuries	865.769	12,3%
ilness	5.275.192	74,8%
Others causes	904.309	12,9%

INE 2004

Nº records



New legislation and reorganization of National Health Care and Primary Health Care 2008-2009

Opportunities

National Health Plan 2011-2016 - Health care reform pillar, quality, prevention and health promotion oriented to contribute to health gains

Integrate health promotion programmes: education, social security, environment, municipalities

Regulation and development of public health, with special focus on the performance of Health Authorities and application of epidemiological surveillance systems

Promote better coordination between public, private and social focus on development of information technology in health


Threats

- **Financial constraints**
- **Mobility of human resources**
- **Enfasis in hospital financial management**
- **Privatization of services and review of users fees**

Strengths

- Strong organization of the health care
- Health professionals compliance
- No costs for INSA
- Opportunity to reformulate the modules Mds-Fds all injuries

Weakness

- Delay of the information and lost of records
 - New informatic sistem
 - Scarce Human resources
 - (team 1,5 person)
- 

New Plan 2012:

1. Coordination -INSA
2. Collaboration DGS- Injuries national focal point (Prevention plan)
3. Active Collaboration of Regional Public Health Department and Regional Health Observatory
4. Injury Team in each region
5. On going – Transition to FDS and all injuries
6. New Sample
 1. Hospital per region
 2. 1 ACE per region

5 Health s Regions

5
**REGIONAL DEPARTMENT
PUBLIC HEALTH**

170 ACES- Health Center Groups¹



Hospital



USE of DATA

- Health information of Minister of health
- Consumer Safety
- APSI- Association for promotion child safety
- Media
- Students (research)
- Literacy
- Citizens

Use of Data



Acidentes Domésticos e de Lazer

Open Week INSA

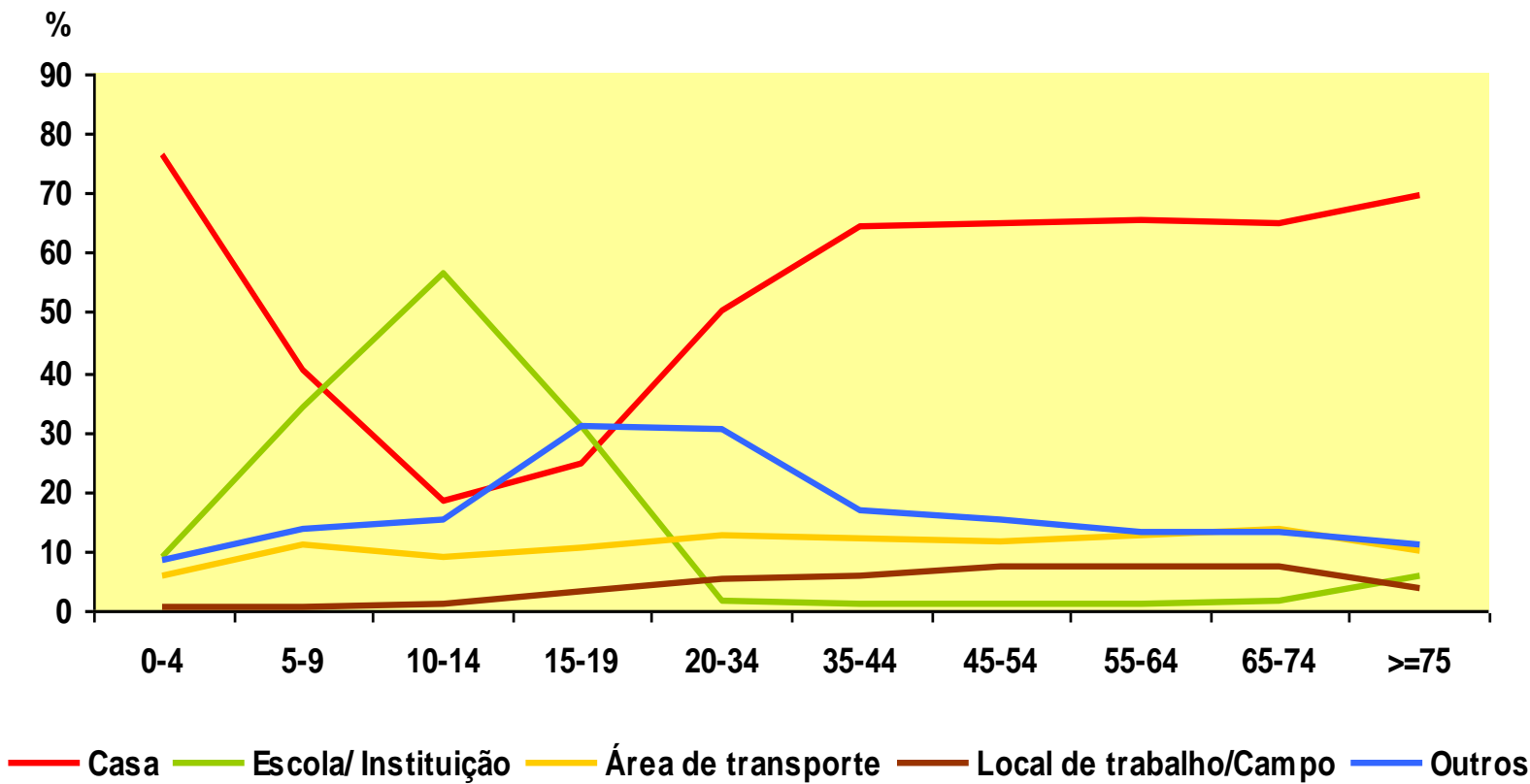
DEP

Departamento de Epidemiologia



Distribuição percentual dos ADL registrados por local de ocorrência, segundo o grupo etário.

ADELIA 2005





É um sistema de recolha e análise de dados sobre acidentes domésticos e de lazer (ADL) que implicaram recurso às urgências de unidades de saúde do Serviço Nacional de Saúde.

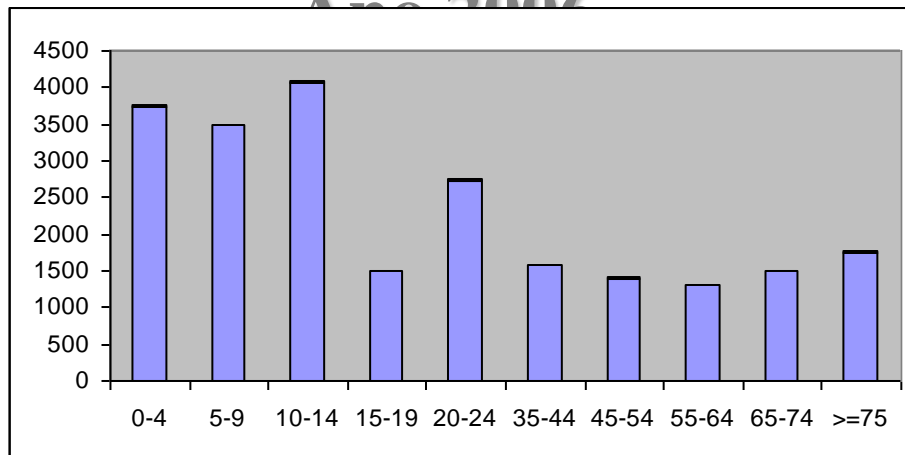
Os principais objectivos do sistema ADELIA são:

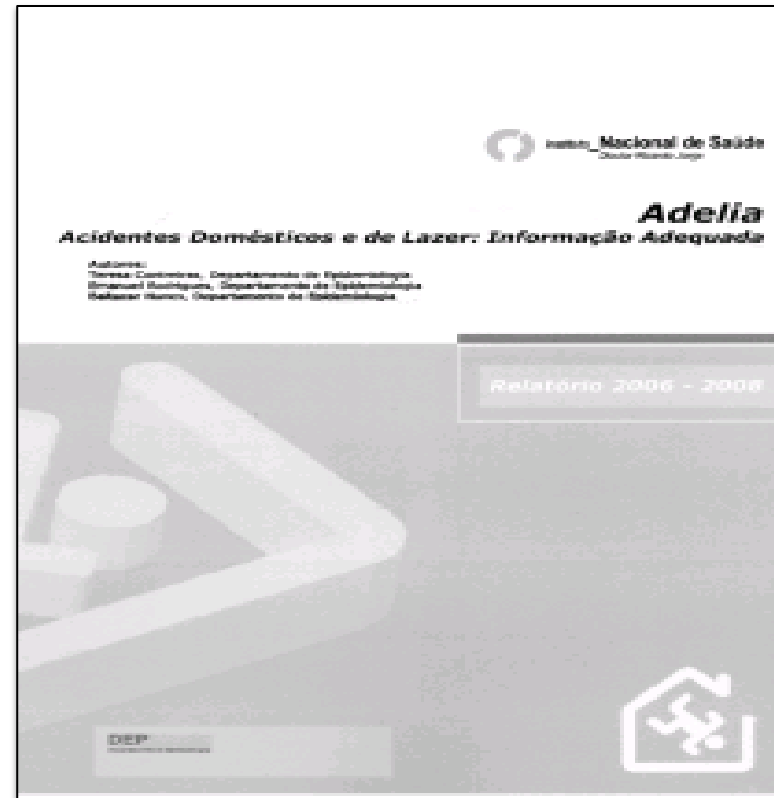
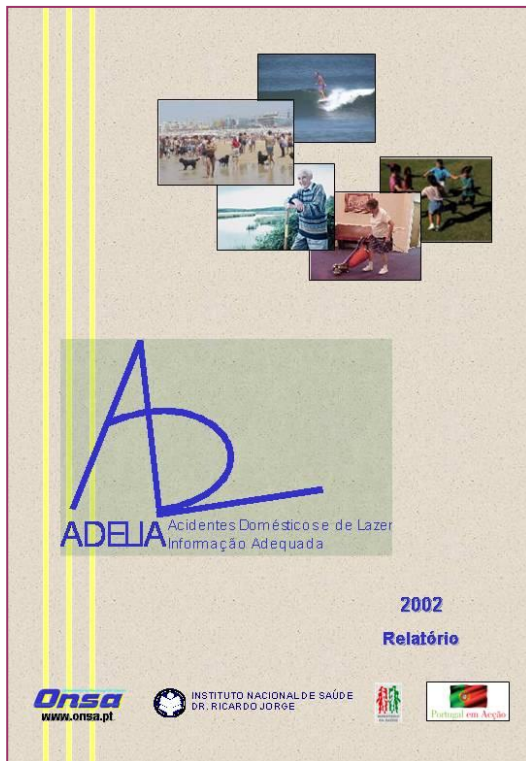
- determinar frequências e tendências dos ADL em geral
- identificar situações de risco, bem como produtos perigosos

Acidentes Domésticos e de Lazer

Distribuição percentual dos ADL

registados por local de ocorrência, segundo o grupo etário





Report Hip Fracture DEZ 2011

Thank you

Ehlass 1986-1999 Consumer Safety

1986-1999

new-EHLASS

2002



National Health Observatory



2008



Home and Leisure Injuries

-Acidentes Domésticos e de Lazer (ADELIA)

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2012

All injuries



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