

DRŽAVNI ZAVOD ZA STATISTIKU  
CROATIAN BUREAU OF STATISTICS

***Census of Population, Households and Dwellings 2011  
– Croatian experience in measuring disability***

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# Census of Population, Households and Dwellings 2011 – in general

## Full enumeration Census (*complete count*)

- Carried out from 1 to 28 April 2011 according to the situation as on 31 March 2011 at midnight, which is deemed to be the census moment

## *Methodology used*

- Conference of European Statisticians Recommendations for the 2010 Censuses of Population and Housing
- Regulations (EC) Nos 763/2008 and 1201/2009 of the EP and the Council, which regulate censuses of population and housing in the European Union



# Census of Population, Households and Dwellings 2011 – in general

## *Legal basis*

- The Act on the Census of Population, Households and Dwellings in the Republic of Croatia in 2011 (Official Gazette, No. 92/10)

## *Participated in the Census 2011*

- Around 15 000 enumerators, 2 000 controllers, 180 instructors and 45 coordinators were participated



# Census of Population, Households and Dwellings 2011

## – Difficulties in performing activities of daily living

### *Definitions*

- Difficulties in performing activities of daily living **due to** a **long-term illness, disability** or **old age** was asked.
- The intention was to obtain the number of persons with **difficulties in the functioning** in everyday life.
- The answer was given **independently** of the certificate issued by competent government institutions confirming the person's difficulties (disability, impairment, handicap).



# Census of Population, Households and Dwellings 2011

## – Difficulties in performing activities of daily living

### *Concepts and definitions*

- A **positive answer** was given by persons who, due to a long-term **illness, disability** or **old age**, had difficulties in performing daily activities at home, school, work, etc.
- Temporary medical conditions (**lasting no longer than 6 months**) e.g. a broken arm or leg, the flu, pneumonia etc., it was considered that they had no difficulties
- If persons had **multiple difficulties**, they could give the **maximum of two answers**, choosing those that presented the gravest problem in performing their daily activities



# Census of Population, Households and Dwellings 2011

## – Questions on difficulties

**39.** Does the person have difficulties in performing activities of daily living due to a long term illness, disability or old age?

Yes

No  → 45

**40.** Type of difficulty (2 answers maximum)

seeing difficulty

hearing or speaking difficulty

difficulties of remembering, concentrating or communicating with other people

mobility difficulties

other difficulty

**41.** Physical mobility of the person

fully mobile

permanently limited mobility aided by cane, crutches or walking frame

permanently limited mobility aided by wheelchair

permanently immobile

other

**42.** Cause of disability

since birth

War of independence and its consequences

occupational impairment (occupational disease/injury at work)

illness

traffic accident

other

**43.** Does the person need to be aided by another person in performing activities of daily living?

Yes  → 44

No  → 45

**44.** Does the person use the assistance of another person in performing activities of daily living?

Yes

No



# Census of Population, Households and Dwellings 2011

## – Types of difficulties

- **Seeing difficulties** refer to persons who have vision problems despite wearing glasses or contact lenses.
- **Hearing or speaking difficulties** refer to persons who have auditory problems despite wearing a hearing aid, or to persons with permanent speech difficulties.
- **Difficulties in remembering, concentrating or communicating with other people** refer to persons who forget what they would normally remember on a daily basis
- **Mobility difficulties** refer to persons who have trouble walking on flat surfaces or climbing up the stairs, that is, persons unable to move without the help of another person or aid inside their house



# Census of Population, Households and Dwellings 2011

## – Types of difficulties

- **Other difficulties** refer to all other difficulties and impairments of other organs and systems of organs - long-lasting medical difficulties causing problems in a person's everyday life for 6 months and longer
- **Physical mobility** of the person refers to the physical mobility, that is, the physical status of a person with difficulties
- **Persons are of permanently limited mobility aided by cane, crutches or walking frame** if they are of permanently limited mobility, able to move only with the help of the mentioned aids (including prosthetic arm or leg).
- **Persons are of permanently limited mobility aided by wheelchair** if they are of permanently limited mobility, able to move only with the help of a wheelchair.





# Census of Population, Households and Dwellings 2011

## – Types of difficulties

- **Permanently immobile** persons are persons who are not able to independently move their body or to move even with aids or assistance.
- The answer "**Other**" is given by persons of limited mobility or full immobility that cannot be classified as permanent yet e.g., after a major cardiac surgery, transplantation, traffic accidents, strokes, severe fractures (hip), malignant diseases with long-lasting treatments and rehabilitation (more than 6 months) with uncertain outcome (full recovery or one of the categories of permanent immobility).



# Census of Population, Households and Dwellings 2011

## – Cause of difficulty

- The answer "**Since birth**" is to be given by persons who have been living with a disability since birth (e.g. blindness, deafness, insufficient mental development, body deformities, injury at birth etc.).
- The answer "**Homeland War and its after-effects**" is to be given by persons with disabilities caused by war wounds/illnesses or by explosive devices remained from the war.
- The answer "**Occupational impairment (occupational disease/injury at work)**" refers to persons who have difficulties in performing their daily activities due to a work injury or occupational disease.
- The answer "**Illness**" is to be given by persons who, due to any kind of illness, have difficulties in performing their daily activities (excluding occupational disease/injury at work).



# Census of Population, Households and Dwellings 2011

## – Cause of difficulty

- The answer "**Traffic accident**" is to be given by persons who, due to a traffic accident, have difficulties in performing their everyday activities.
- **Traffic accident** is every accident in which any transport vehicle intended or used at that time for carrying of persons or goods from one place to the other is involved. Traffic accidents include: injury of pedestrians, injury in a vehicle, in non-motor vehicles, in vessels, in rail or air traffic.
- The answer "**Other**" refers to persons who, due to some other type of accident (e.g. in the house, during a walk, while playing sports), poisoning or old age have difficulties in performing daily activities.
- If **more than one difficulties** are present, the one that causes most trouble for the person in performing daily activities is to be determined.



# Census of Population, Households and Dwellings 2011 – Results published

## *CBS publication*

- Persons with Difficulties in Performing Activities of Daily Living, Statistical Report, No 1584, Zagreb 2016

[http://www.dzs.hr/Hrv\\_Eng/publication/2016/SI-1584.pdf](http://www.dzs.hr/Hrv_Eng/publication/2016/SI-1584.pdf)

**1584**

**Popis stanovništva, kućanstava i stanova 2011.  
Osobe s teškoćama u obavljanju svakodnevnih  
aktivnosti**

*Census of Population, Households and Dwellings 2011,  
Persons with Difficulties in Performing Activities  
of Daily Living*

**6**

Statistička izvješća  
*Statistical Reports*  
ISSN 1333 – 1876

Zagreb, 2016.



# Census of Population, Households and Dwellings 2011

## – Results published

### ***Croatia level (national)***

*Out of the 4 284 889 Croatian citizens, 759 908 or 17.7% of them have reported having difficulties in performing activities of daily living due to a long-term illness, invalidity or old age.*

### ***County level (21 regional units)***

The ***highest share*** of persons with difficulties was recorded

- County of Koprivnica-Križevci, 23.2%
- Krapina-Zagorje, 22.6%
- Požega-Slavonia, 22.2%

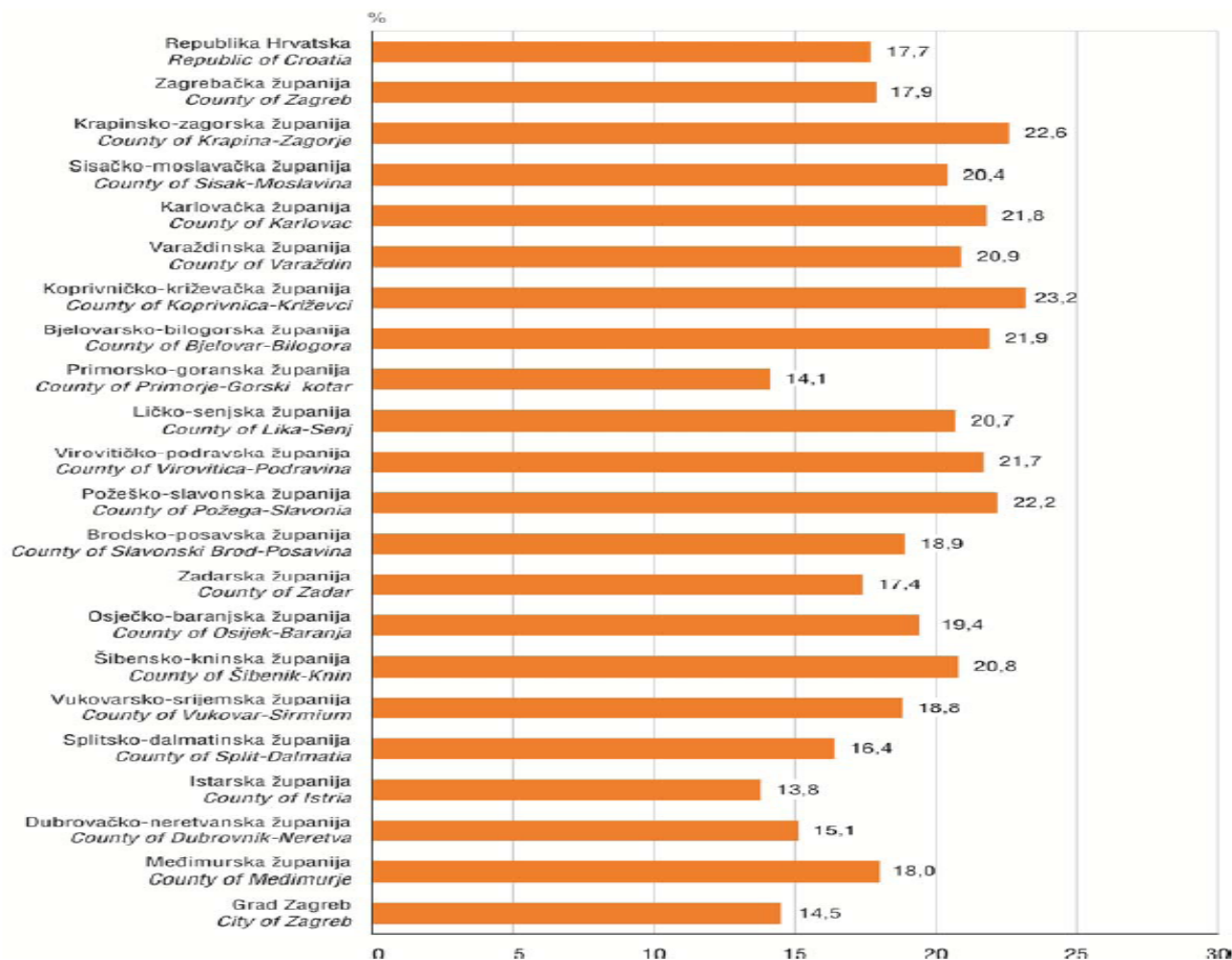
The ***lowest share*** of persons with difficulties in the total population

- County of Istria, 13.8%



# Census of Population, Households and Dwellings 2011

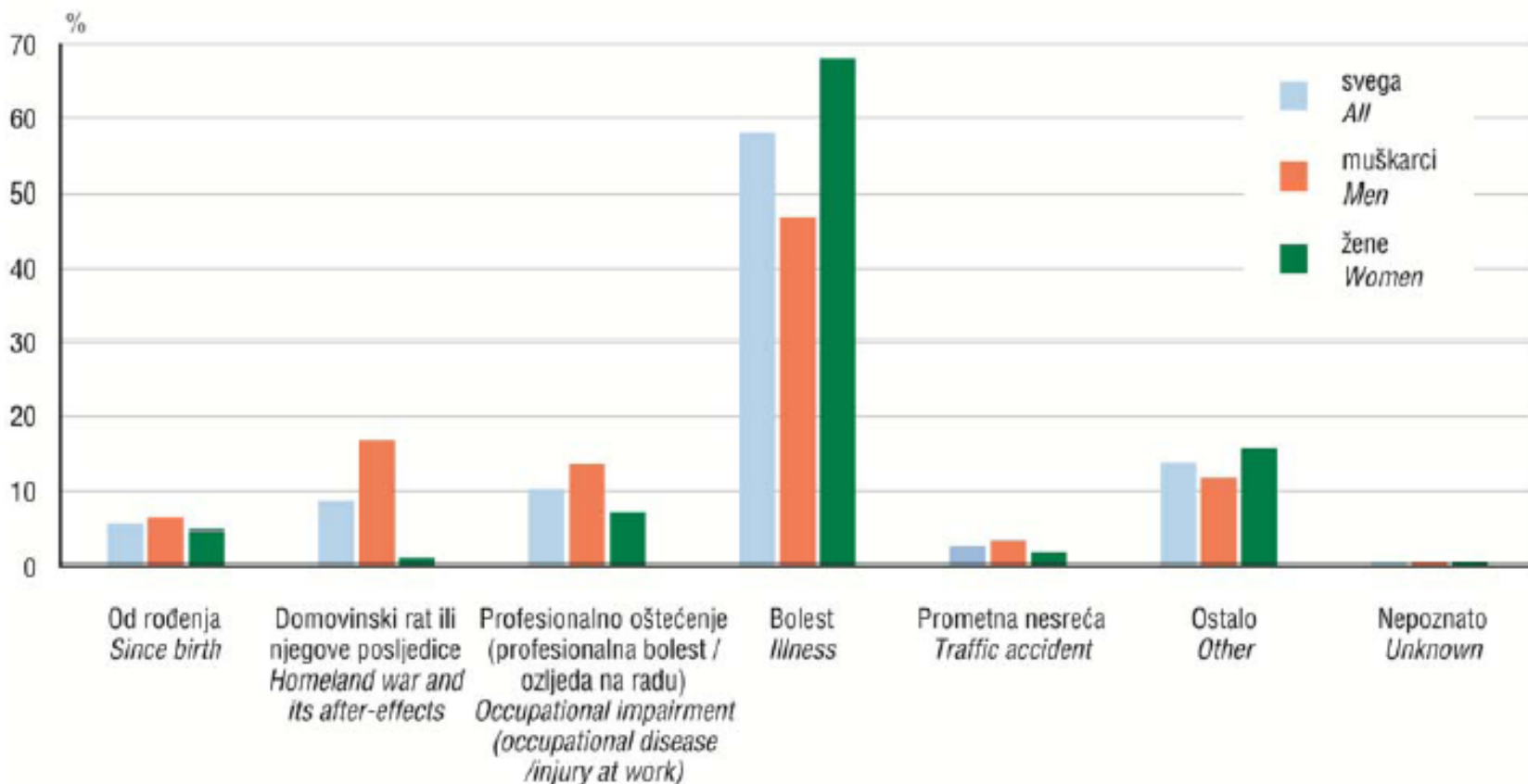
## – Results published



# Census of Population, Households and Dwellings 2011

## – Results published

**G-2. OSOBE S TEŠKOĆAMA PREMA UZROKU TEŠKOĆE, POPIS 2011.**  
*PERSONS WITH DIFFICULTIES, BY CAUSE OF DIFFICULTY, 2011 CENSUS*



# Census of Population, Households and Dwellings 2011

## – Results published

### Persons with difficulties according to sex and individual causes of the difficulties:

- ❑ The most frequent cause of difficulties was **illness** that cause 441 115 persons or **58%** of persons with difficulties of which:
  - ✓ Male, 169 097 or **46.9%**
  - ✓ Female, 19 618 or **68.1%**
  
- ❑ **Occupational injuries** was 78 170 or **10.3%** of the total number of persons with difficulties
  - ✓ Male, 49 406 or **13.7%**
  - ✓ Female 28 764 or **7.2% %**





# Census of Population, Households and Dwellings 2011

## – Results published

### Persons with difficulties according to sex and individual causes of the difficulties:

- ❑ Total **born with difficulties** were **5.7%** of the total number of persons with difficulties of which:
  - ✓ Male, 23 455 or **6.5%**
  - ✓ Female, 19 618 or **4.9%**
  
- ❑ Direct or indirect effect of the **Homeland War** accounts for **8.7%** of all the causes, of which 16.7% of all men with difficulties and 1.4% of all women reported
  - ✓ Male, 60 385 or **91.8%**
  - ✓ Female 5 420 or **8.2%**



# Census of Population, Households and Dwellings 2011

## – Results published

### Persons with difficulties according to sex and individual causes of the difficulties:

**Traffic accident** is the least common cause, selected by 21 466 or **2.8%** of persons in the 2011 Census:

- ✓ Male, **3.7%**
- ✓ Female, **2.1%**

**Other** accounted for **13.9%** refers to persons who have difficulties in performing everyday activities due to other accidents (in-house accidents, sporting accidents, and so on), poisoning or old age:

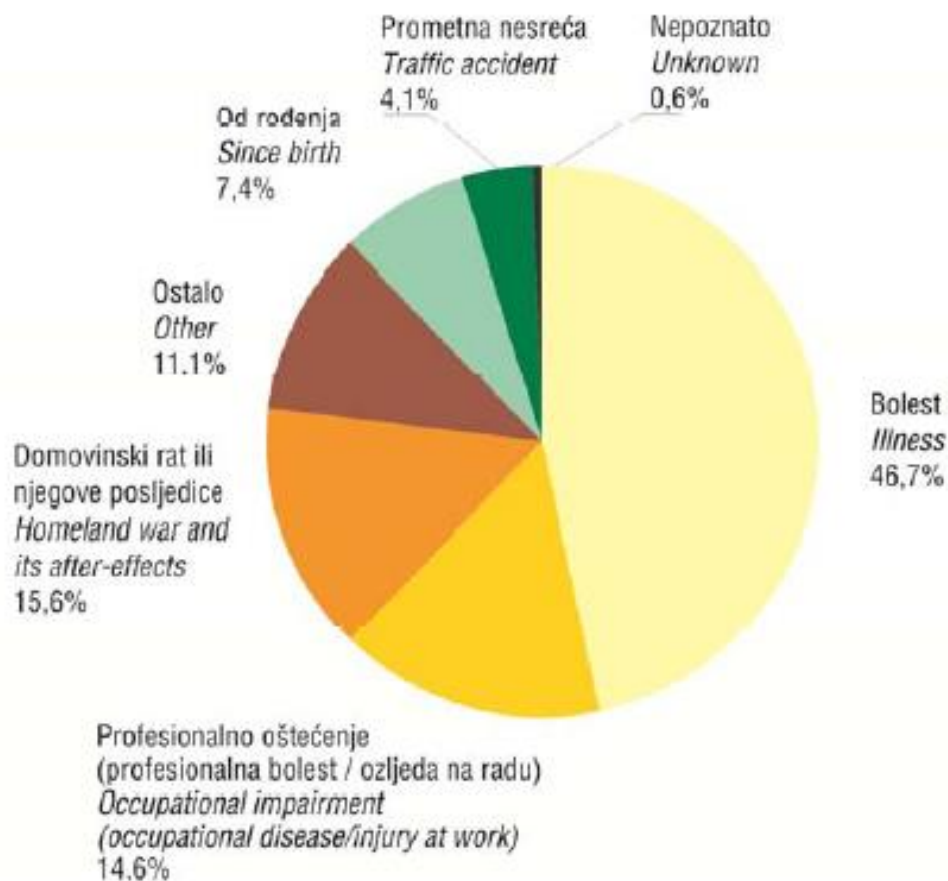
- ✓ Male, **11.9 %**
- ✓ Female, **15.6%**



# Census of Population, Households and Dwellings 2011

## – Results published

**G-4. RADNI KONTINGENT OSOBA S TEŠKOĆAMA PREMA UZROKU TEŠKOĆE, POPIS 2011.**  
*WORKING CONTINGENT OF PERSONS WITH DIFFICULTIES BY CAUSE OF DIFFICULTY, 2011 CENSUS*



**Thank you for your attention!**

**Questions?**

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