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

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Almaty, 6 to 8 June 2017
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
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

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes</th>
<th>No</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td>Does the person have difficulties in performing activities of daily living due to a long term illness, disability or old age?</td>
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<td>45</td>
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<tr>
<td>Type of difficulty (2 answers maximum)</td>
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<tr>
<td>Seeing difficulty</td>
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<tr>
<td>Hearing or speaking difficulty</td>
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<td>Difficulties of remembering, concentrating or communicating with other people</td>
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<td>Physical mobility of the person</td>
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<td>Fully mobile</td>
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<td>Permanently limited mobility aided by cane, crutches or walking frame</td>
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<td>Permanently limited mobility aided by wheelchair</td>
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<tr>
<td>Permanently immobile</td>
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<tr>
<td>Other</td>
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<tr>
<td>Cause of disability</td>
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<td>Since birth</td>
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<td>War of independence and its consequences</td>
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<tr>
<td>Occupational impairment (occupational disease/injury at work)</td>
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<td>Illness</td>
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<tr>
<td>Traffic accident</td>
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<tr>
<td>Other</td>
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<td></td>
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<tr>
<td>Does the person need to be aided by another person in performing activities of daily living?</td>
<td></td>
<td></td>
<td>44</td>
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<tr>
<td>Does the person use the assistance of another person in performing activities of daily living?</td>
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</tbody>
</table>
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


http://www.dzs.hr/Hrv_Eng/publication/2016/SI-1584.pdf
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


PERSONS WITH DIFFICULTIES, BY CAUSE OF DIFFICULTY, 2011 CENSUS

- Since birth
- Homeland war and its after-effects
- Professional oštećenje (professionalna bolest / ozljeda na radu)
- Bolest (illness)
- Prometna nesreća (Traffic accident)
- Ostalo (Other)
- Nepoznato (Unknown)
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%
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%
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

- Prometna nesreća
  - Traffic accident
  - 4.1%

- Nepoznato
  - Unknown
  - 0.6%

- Ostalo
  - Other
  - 11.1%

- Domovinski rat ili njegove posljedice
  - Homeland war and its after-effects
  - 15.6%

- Bolest
  - Illness
  - 46.7%

- Profesionalno oštećenje
  - (profesionalna bolest / ozljeda na radu)
  - Occupational impairment
  - (occupational disease/injury at work)
  - 14.6%
Thank you for your attention!

Questions?

Please send to: Ms Jasna Pugar: PugarJ@dzs.hr