

Could the Washington Group Questions be used as a Post-Censal Frame?

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Overview of the Presentation:

- ◆ Different measures of disability
 - Directly from a Census
 - From a post-censal
- ◆ Canadian methodology for the measurement of disability
- ◆ 2006 activities in Canada
 - Post-censal survey
 - Follow-up studies
- ◆ Model of disability measurement
 - False positives
 - False negatives
 - The performance of the WG questions
- ◆ What makes a good post-censal frame filter question
- ◆ The performance of the WG questions



Canadian Methodology

- ◆ Canada measures disability in a two stage methodology
 - The Census is used to develop a frame for a disability survey
 - The Participation and Activity Limitation Survey (PALS) determines disability status
 - The Census filter question was changed in 2001 to be more inclusive



Census Filter Question - 2006

ACTIVITIES OF DAILY LIVING	07.	08.
<p>7 Does this person have any difficulty hearing, seeing, communicating, walking, climbing stairs, bending, learning or doing any similar activities?</p>	<p>01 <input type="radio"/> Yes, sometimes 02 <input type="radio"/> Yes, often 03 <input type="radio"/> No</p>	<p>01 <input type="radio"/> Yes, sometimes 02 <input type="radio"/> Yes, often 03 <input type="radio"/> No</p>
<p>8 Does a physical condition or mental condition or health problem reduce the amount or the kind of activity this person can do:</p> <p>(a) at home?</p>	<p>04 <input type="radio"/> Yes, sometimes 05 <input type="radio"/> Yes, often 06 <input type="radio"/> No</p>	<p>04 <input type="radio"/> Yes, sometimes 05 <input type="radio"/> Yes, often 06 <input type="radio"/> No</p>
<p>(b) at work or at school?</p>	<p>07 <input type="radio"/> Yes, sometimes 08 <input type="radio"/> Yes, often 09 <input type="radio"/> No 10 <input type="radio"/> Not applicable</p>	<p>07 <input type="radio"/> Yes, sometimes 08 <input type="radio"/> Yes, often 09 <input type="radio"/> No 10 <input type="radio"/> Not applicable</p>
<p>(c) in other activities, for example, transportation or leisure?</p>	<p>11 <input type="radio"/> Yes, sometimes 12 <input type="radio"/> Yes, often 13 <input type="radio"/> No</p>	<p>11 <input type="radio"/> Yes, sometimes 12 <input type="radio"/> Yes, often 13 <input type="radio"/> No</p>

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2006 PALS Activities

- ◆ 2006 Census
- ◆ 2006 PALS collection (46,000 persons)
- ◆ Post collection follow-up
 - Face to face interviews with 50 false positives
 - Face to face interviews with 100 false negatives
 - Face to face interviews with 50 “soft” disabilities
 - WG questions were included in all interviews



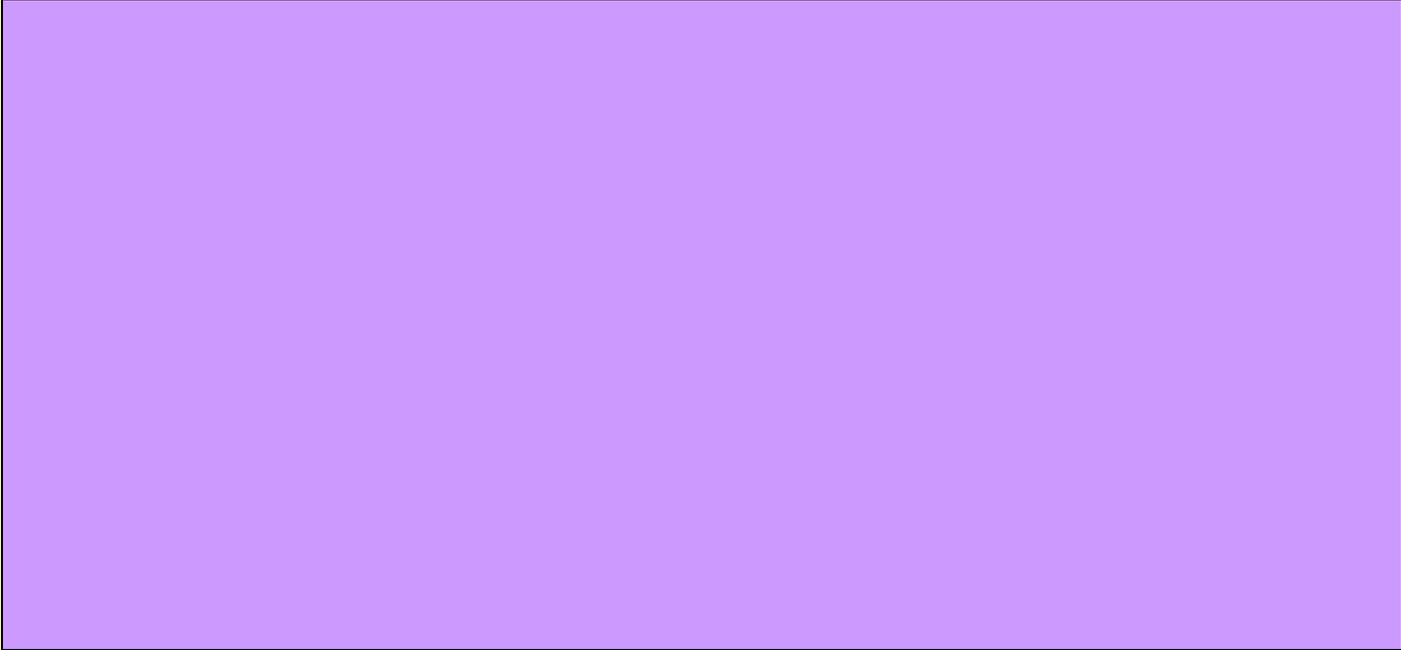
Canadians with disabilities

?

?

Say "Yes" to a filter question

?



Canadians with disabilities

False Negative

Say "Yes" to a filter question

Say "Yes" to WG question



False negative??

- ◆ This is person with a disability that does not get picked up by the filter question –
 - Proxy reporting
 - Timing of the Census – cyclical or episodic disability
 - Mild to medium pain limitations
 - Psychological limitations
 - Perception of activity limitation
 - » Related to age, cultural identity, language



Canadians with disabilities

Say "Yes" to a filter question

Say "Yes" to WG question

False Positive



False Positive ??

- ◆ This is a person without a disability who answers ‘Yes’ to a filter question –
 - Proxy responding
 - Short term disability or injury
 - Cyclical or episodic disability
 - High false positive rates for children



Canadians with disabilities

Say "Yes" to a filter question

Say "Yes" to WG question

Disabled but "No" to WG



Disabled but “No” to WG ??

- ◆ This is a person who reports a disability in PALS but not to any WG question –
 - Emotional / psychological disabilities
 - Learning disabilities
 - Agility disabilities
 - Mild to medium pain disabilities



Attributes of a Filter Question

- ◆ Easily understood
- ◆ Concise, appropriate to a Census
- ◆ Inclusive of all persons with disabilities
- ◆ Too inclusive is less of a problem than non-inclusive
- ◆ Appropriate to proxy response
- ◆ Appropriate to all age groups



Do the WG Questions work?

- ◆ Easily understood 
- ◆ Concise, appropriate to a Census 
- ◆ Inclusive of all persons with disabilities
- ◆ Too inclusive is less of a problem than non-inclusive
- ◆ Appropriate to proxy response 
- ◆ Appropriate to all age groups



Questions or Comments?

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