



Identifying the Population with Disabilities using Surveys

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Introduction

- Can a small set of survey questions effectively identify a random sample of the targeted population for disability policies?
- Six Question Sequence (6QS) designed to:
 - Assess the equalization of opportunity for people with disabilities.
 - Monitor independent living and the need for services.
 - Brault, Stern, and Raglin (2007)
- In response to ACA mandate, Secretary Sebelius picked the ACS 6QS to be included in all national health surveys.



Series of Face Validity Tests

- Does the **6QS** fully capture relevant populations with disabilities?
 - Self-Reported Receipt of SSDI/SSI Income using the CPS-ASEC
 - Self-Reported Receipt of SSDI/SSI Income using the SIPP
 - SIPP Comprehensive Disability Measure
 - Impact of adding additional questions to the 6QS.
- **Caveat:** All based on self-reported survey information.



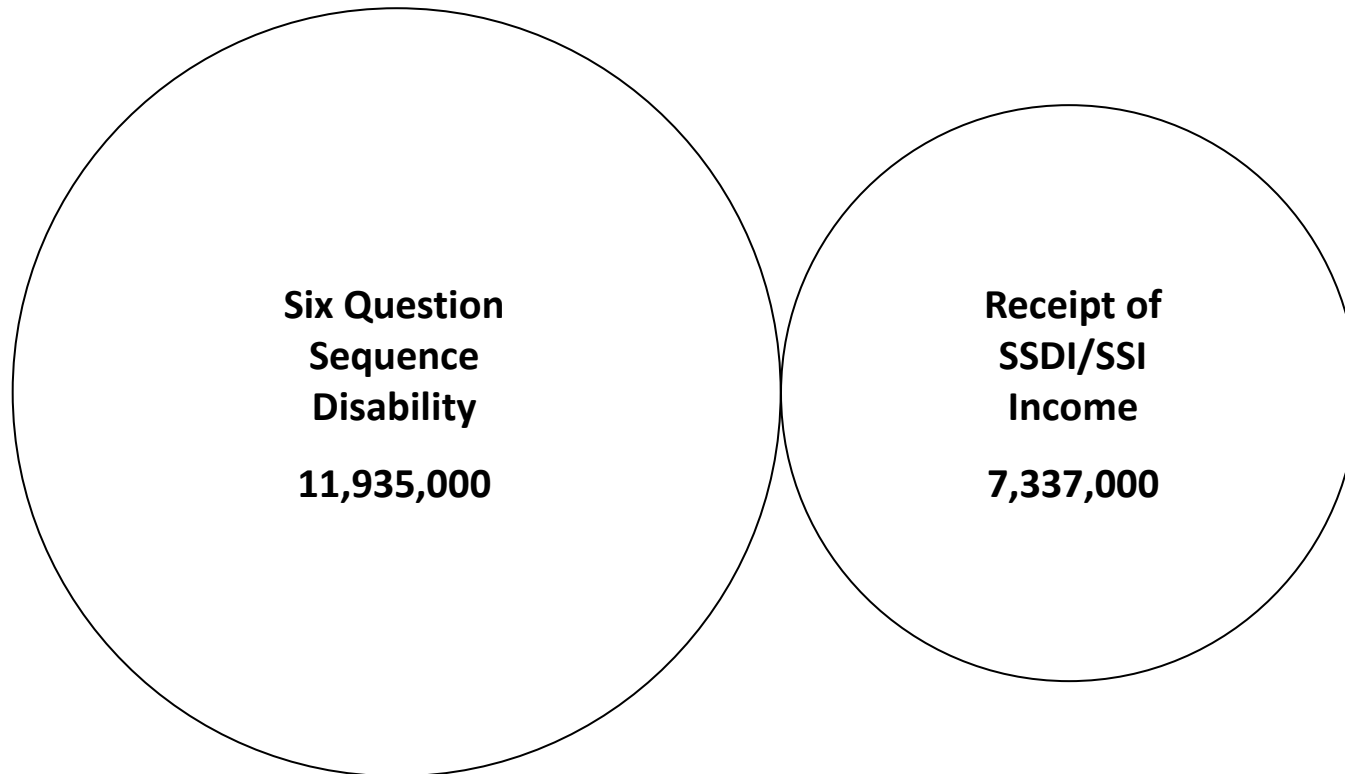
Six Question Sequence (CPS version)

- **Hearing Difficulty**: “Is anyone deaf or does anyone have serious difficulty hearing? If yes, who was that?”
- **Vision Difficulty**: “Is anyone blind or does anyone have serious difficulty seeing even when wearing glasses? If yes, who was that?”
- **Cognitive Difficulty**: “Because of a physical, mental, or emotional condition, does anyone have serious difficulty concentrating, remembering, or making decisions? If yes, who was that?”
- **Ambulatory Difficulty**: “Does anyone have serious difficulty walking or climbing stairs? If yes, who was that?”
- **Self-Care Difficulty**: “Does anyone have difficulty dressing or bathing? If yes, who was that?”
- **Independent Living Difficulty**: “Because of a physical, mental, or emotional condition, does anyone have difficulty doing errands alone such as visiting a doctor’s office or shopping? If yes, who was that?”



6QS and Receipt of SSDI/SSI Income

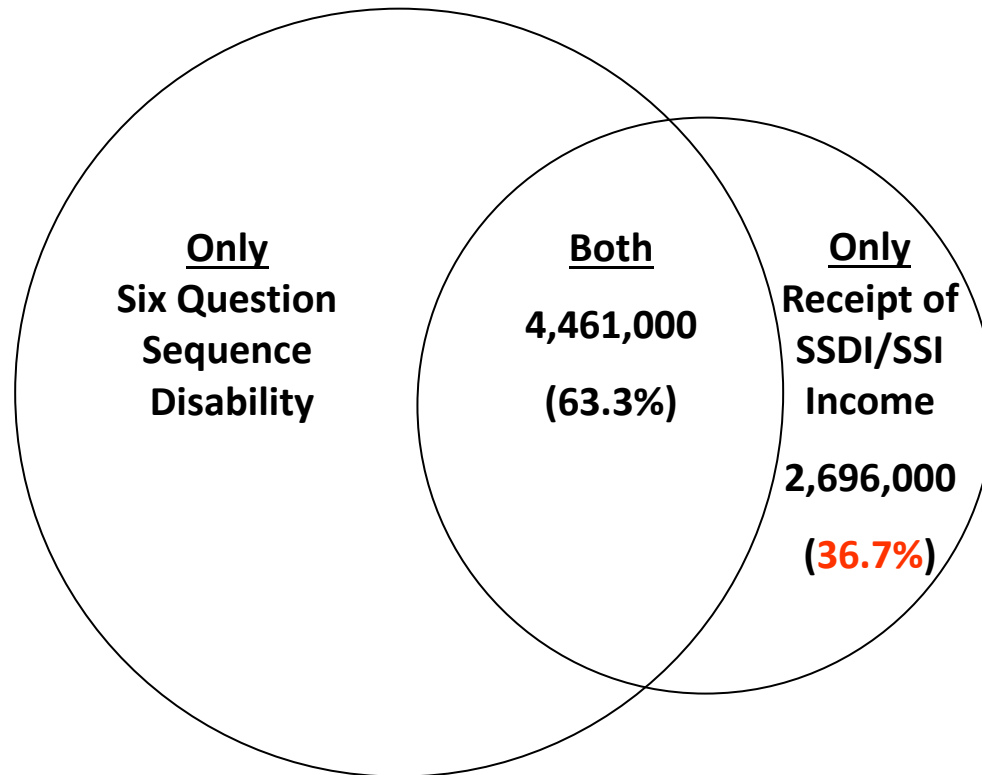
CPS-Annual Social and Economic Supplement (CPS-ASEC)
Civilians Ages 25-61





Does the 6QS Capture SSDI/SSI Population?

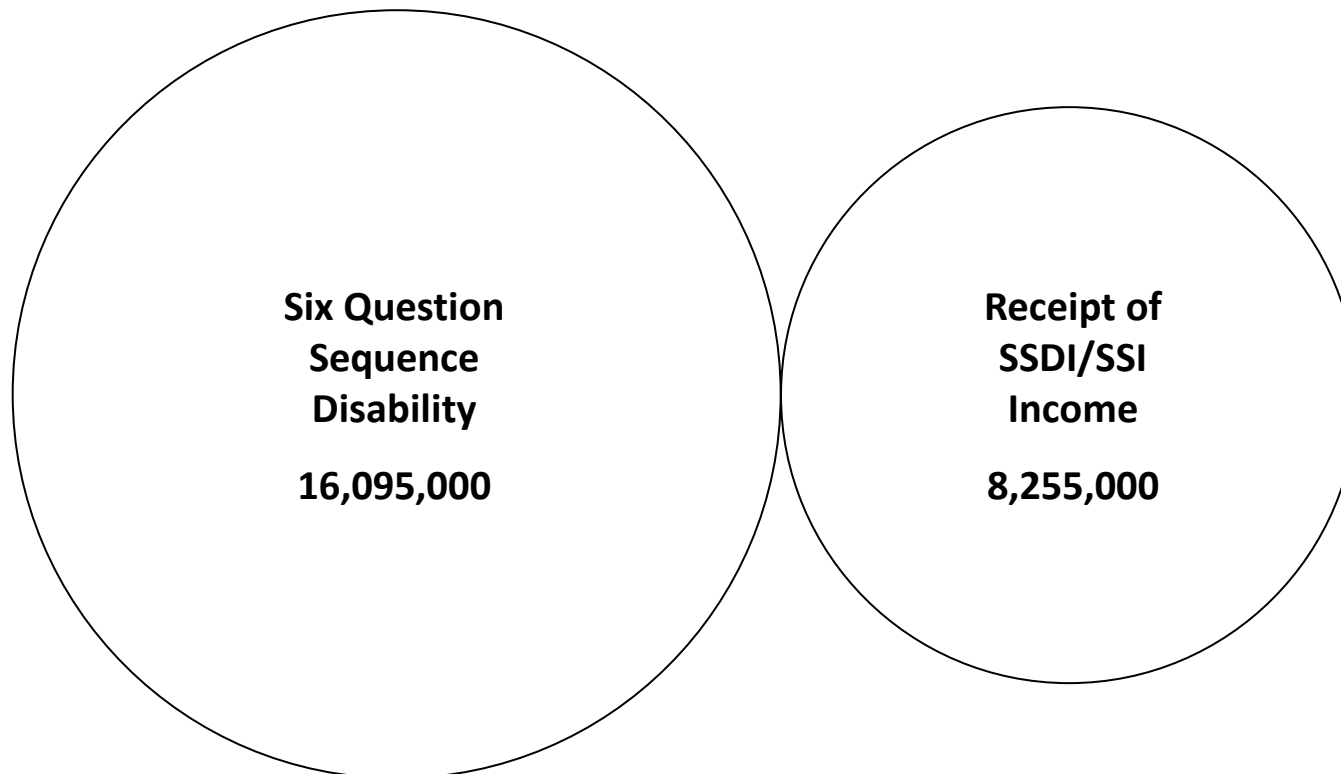
CPS-Annual Social and Economic Supplement (CPS-ASEC)
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6QS and Receipt of SSDI/SSI Income

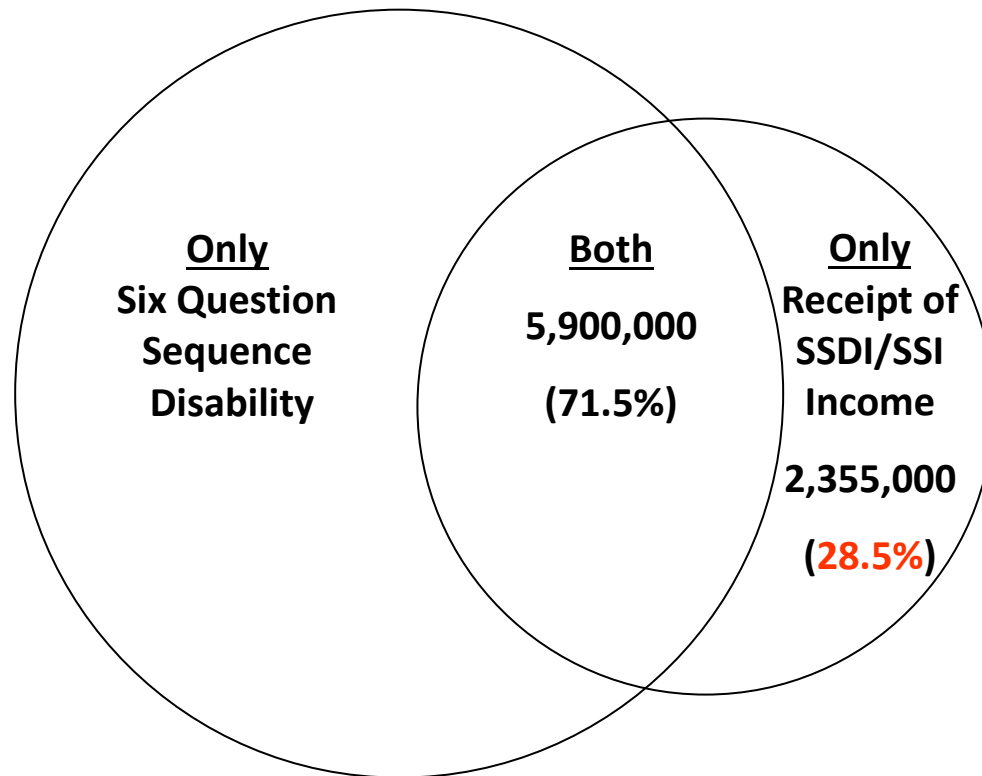
Survey of Income and Program Participation (**SIPP**)
Civilians Ages 25-61





Does the 6QS Capture SSDI/SSI Population?

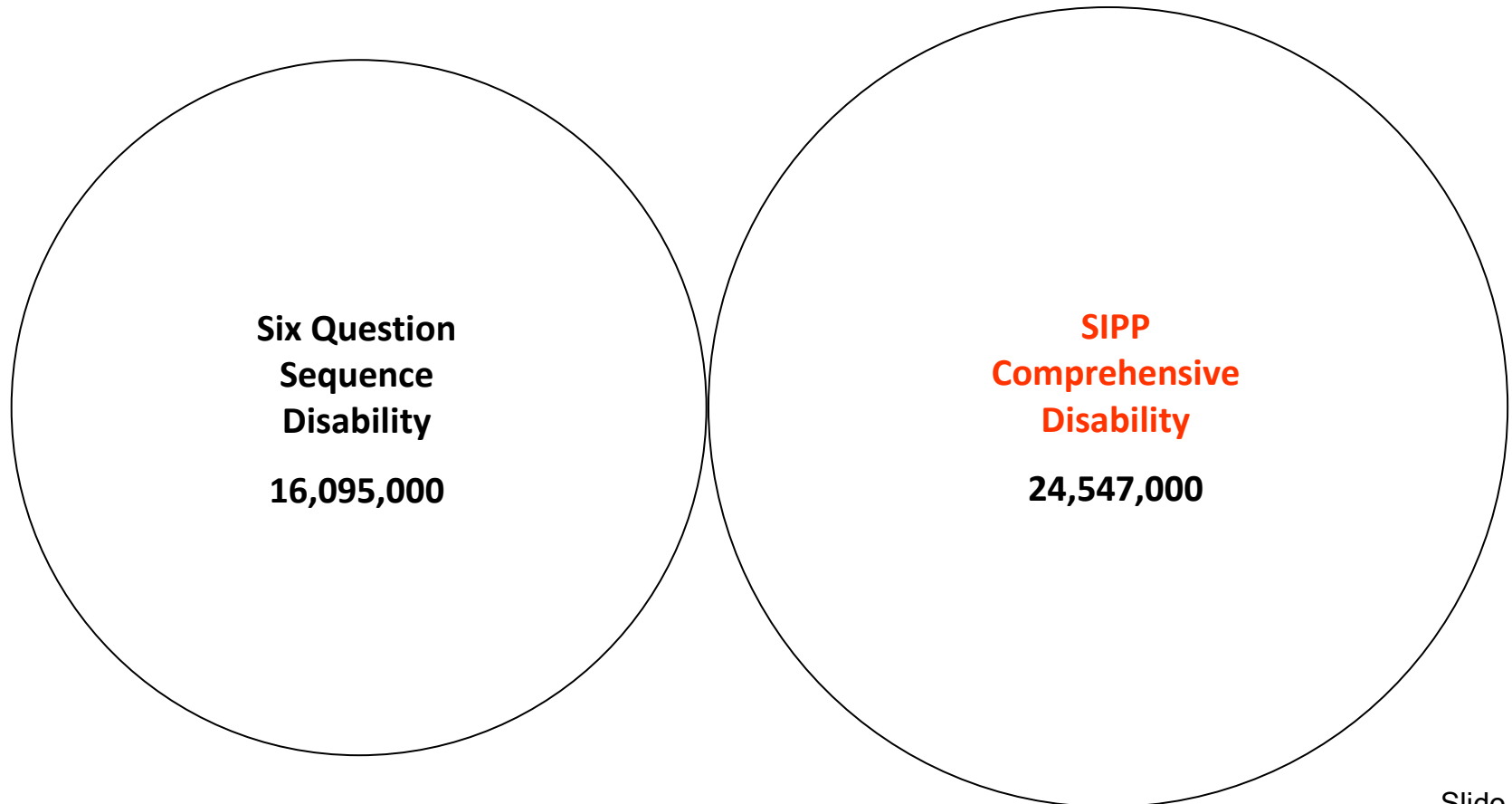
Survey of Income and Program Participation (SIPP)
Civilians Ages 25-61





6QS and **Comprehensive Disability** Population

Survey of Income and Program Participation (SIPP)
Civilians Ages 25-61

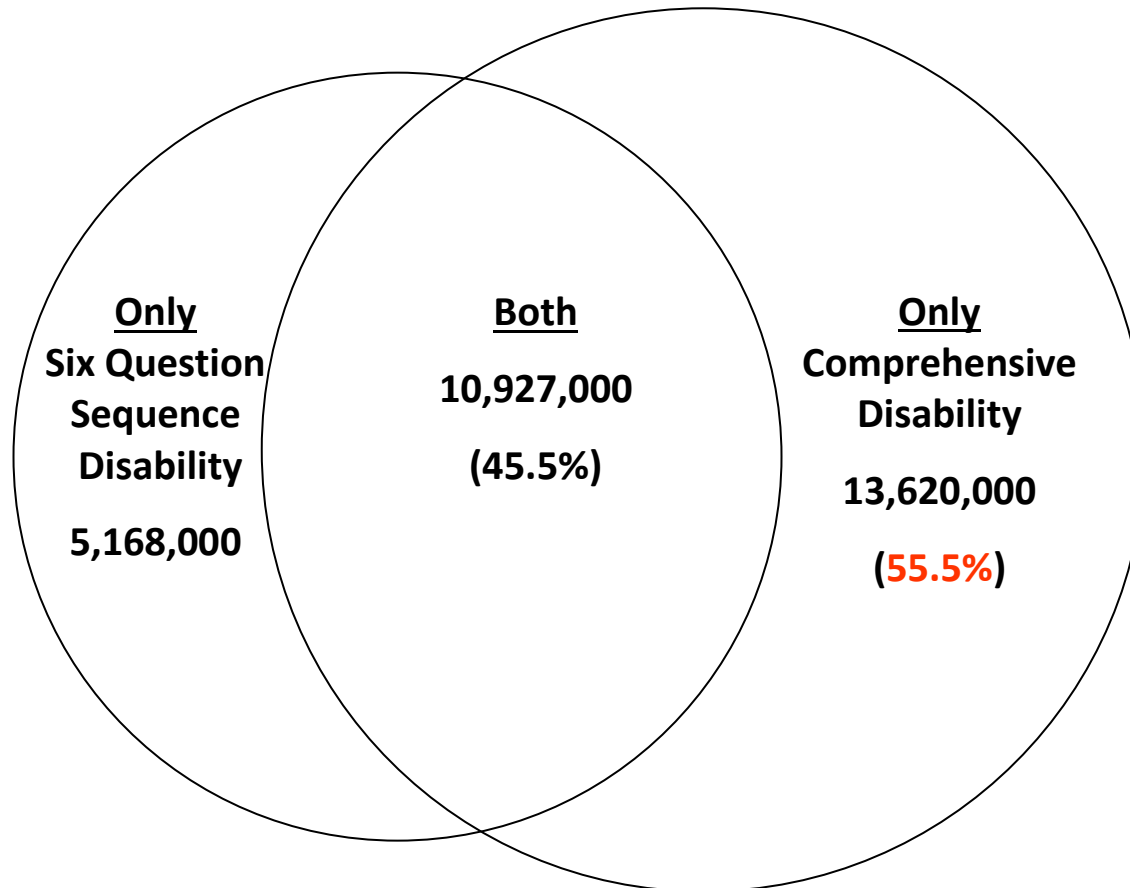




Does 6QS Capture Comp. Disability Pop?

Survey of Income and Program Participation (SIPP)

Civilians Ages 25-61





Who is missed by the 6QS?

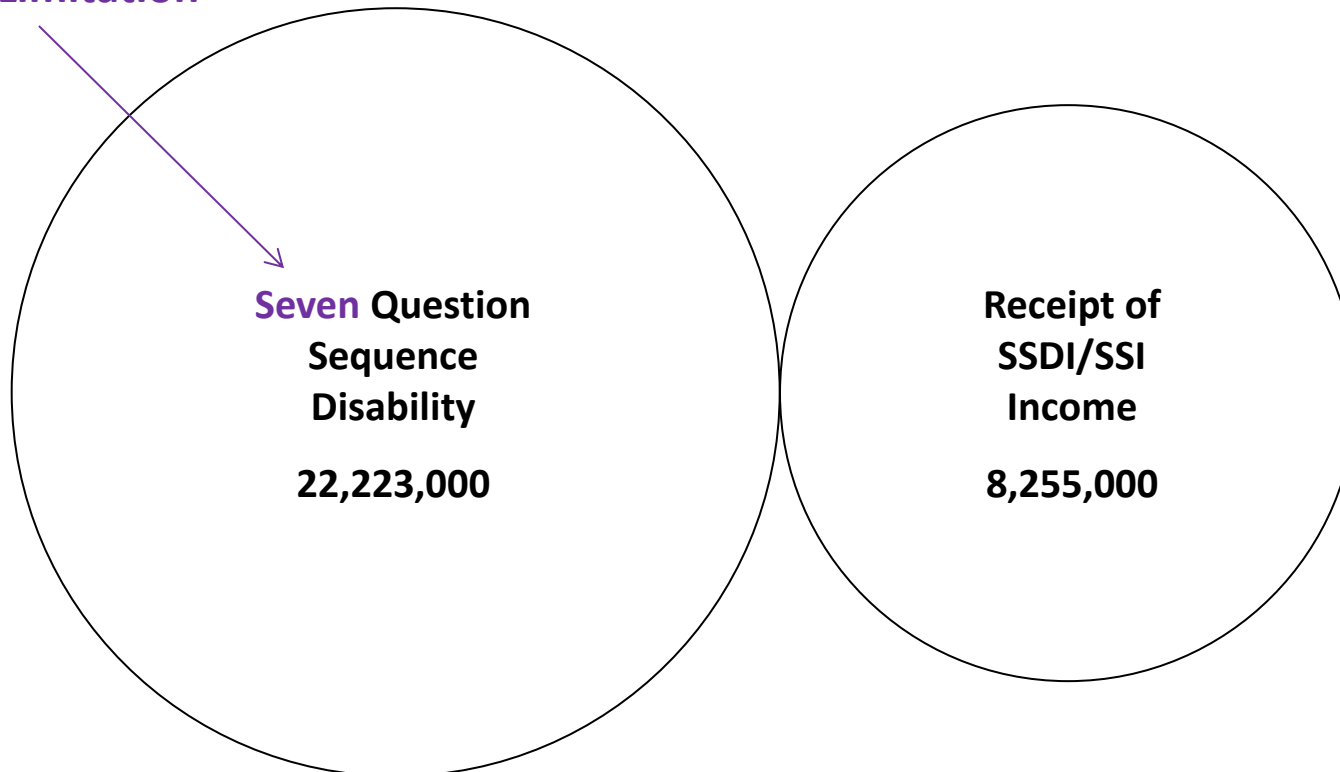
- **Questions in the SIPP Disability**
 - Difficulty Remaining Employed 4,171,000 ←
 - Difficulty Walking 4,123,000
 - Difficulty using Stairs 3,645,000
- **Screened Conditions**
 - Back or Spine Problems 5,473,000
 - Arthritis or Rheumatism 3,825,000
 - High Blood Pressure 2,426,000
- **Other Questions in SIPP**
 - Limit in Kind/Amount of Work 7,127,000 ←
 - Difficulty Stoop/Crouch/Kneel 5,817,000
 - Difficulty Pushing Large Object 4,823,000



7QS and SSDI/SSI Income Population

Survey of Income and Program Participation (SIPP)
Civilians Ages 25-61

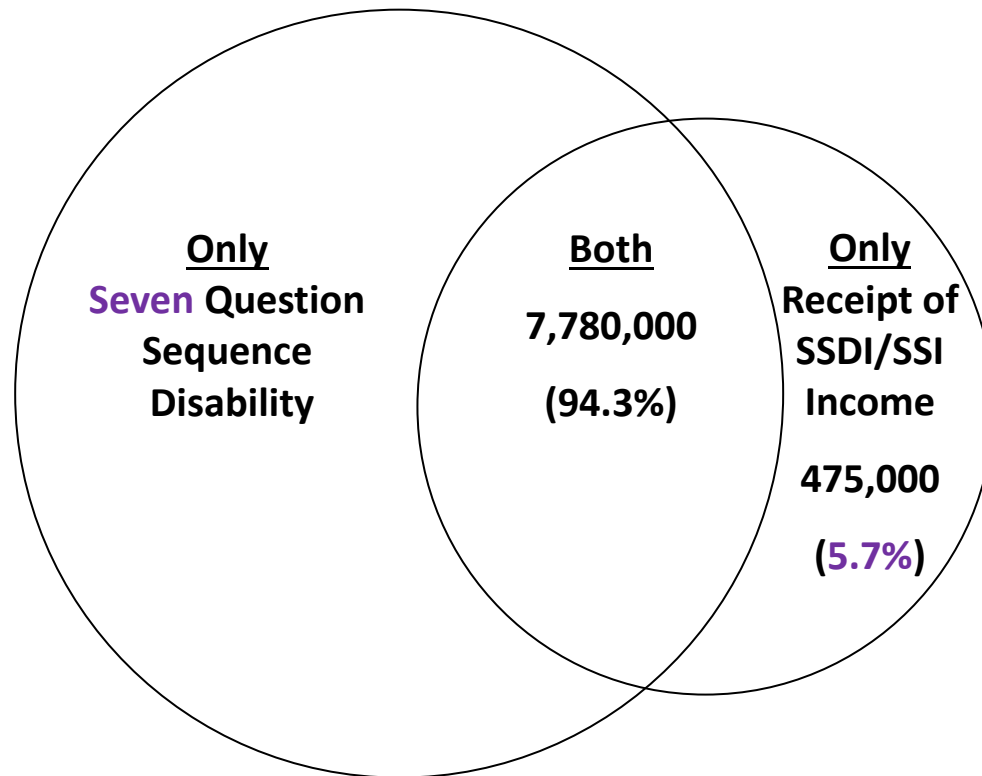
6QS and/or
Work Limitation





Does 7QS Capture SSDI/SSI Population?

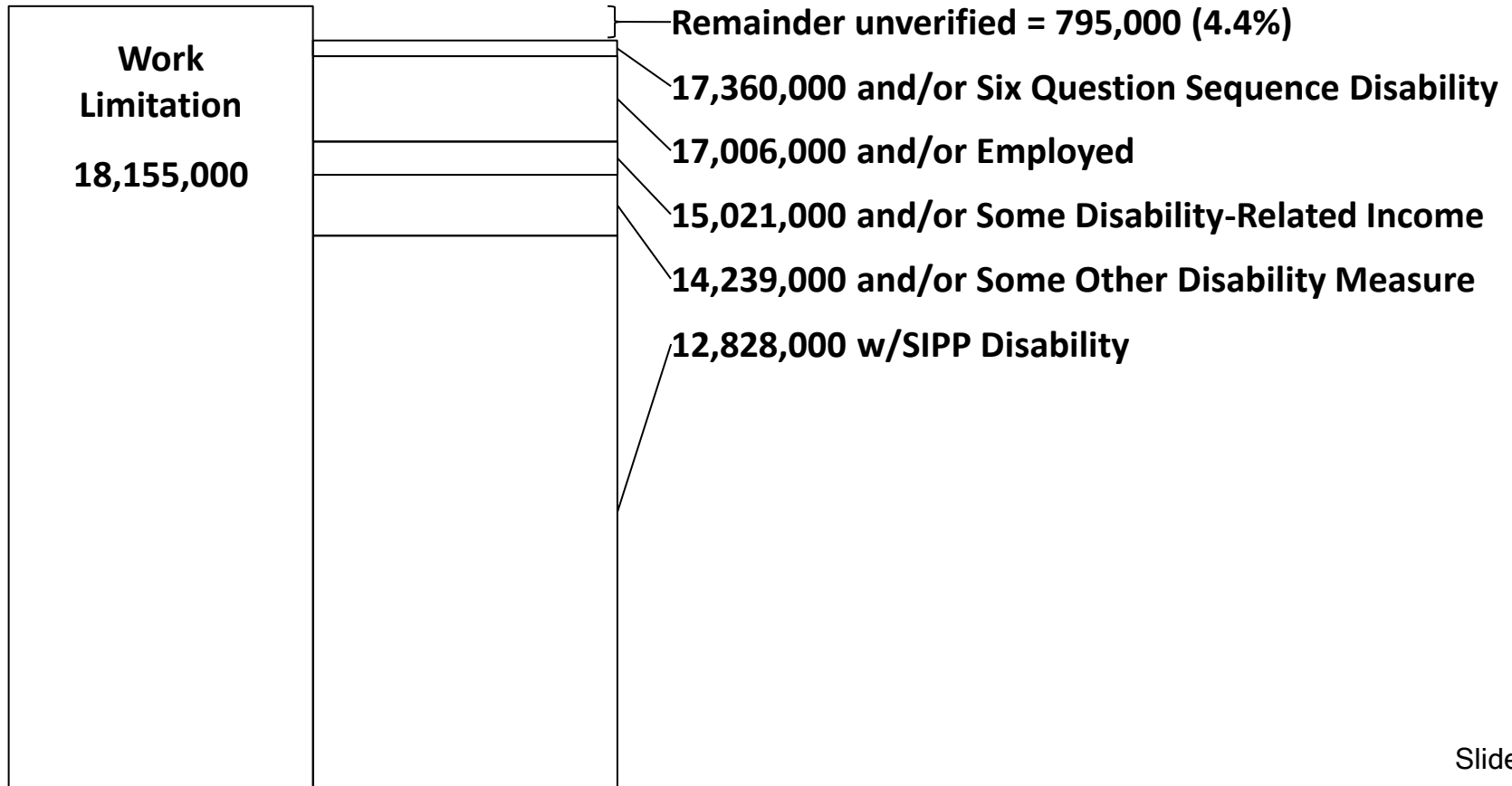
Survey of Income and Program Participation (SIPP)
Civilians Ages 25-61





Verifying Reports of Work Limitations

Survey of Income and Program Participation (SIPP)
Civilians Ages 25-61





Next Set of Improvements

- VR and SSDI/SSI serve individuals with work limiting conditions.
- The **6QS misses** a major share of SSDI/SSI income recipients.
- The **7QS** does a dramatically better job of capturing them.
- **Add some type of work limitation** question to the 6QS.
- Further investigation of functional limitation related to **back pain, obesity, and sustained strenuous activity**.



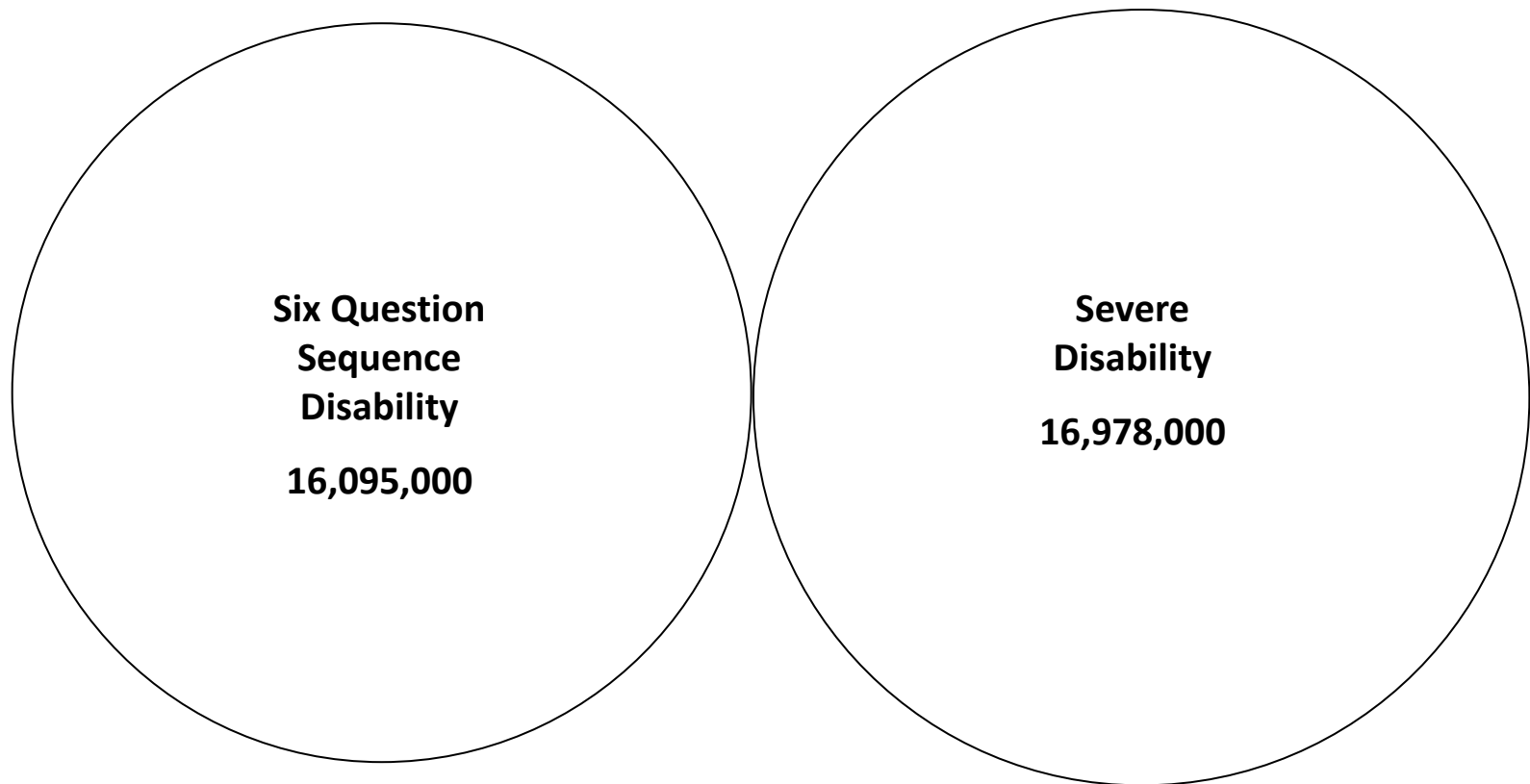
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6QS and Severe Disability Population

Survey of Income and Program Participation (SIPP)
Civilians Ages 25-61





Does 6QS Capture Sev. Disability Population?

Survey of Income and Program Participation (SIPP)
Civilians Ages 25-61

