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**Disability Prevalence among Adults: Estimates for 54
Countries and Progress towards a Global Estimate**

Sophie Mitra

Fordham University, Department of Economics

Usha Sambamoorthi

West Virginia University, School of Pharmacy

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Department of Economics
Fordham University
441 E Fordham Rd, Dealy Hall
Bronx, NY 10458
(718) 817-4048

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Sophie Mitra, Fordham University

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Abstract

Objectives: We estimated disability prevalence among adults at global, regional and country levels using internationally comparable disability data and measure.

Methods: We conducted a retrospective analysis of data from the World Health Survey (WHS) (2002-2004) for nationally representative samples of civilian, non-institutionalized populations in 54 countries. A disability was measured as having at least one severe or extreme difficulty with bodily functions (seeing, concentrating) and activities (moving around, self-care) based on an individual's self-reports.

Results: In the 54 countries under study, severe or extreme functional or activity difficulties are highly prevalent. For all countries, disability prevalence is estimated at 14% for all adults. Low and middle income countries have higher disability prevalence compared to high income countries. Among subgroups, disability prevalence stands at 12% among working age adults and 39% among the elderly. Women have higher prevalence than men.

Conclusions: Disability is found to be highly prevalent among adults, with an estimated global prevalence at 14%. Disability deserves enhanced policy attention and resources in public health and international development.

INTRODUCTION

Very little international data is available on disability. The purpose of this paper is to estimate the level of functioning of adults in 54 countries and globally using a unique, internationally comparable data set, the World Health Survey (WHS). Estimating disability prevalence is important for several reasons. It allows policymakers, analysts and researchers to assess how important an issue disability is in different parts of the world. Quantifying disability prevalence helps to design interventions in order to prevent disability and to improve the well being of persons who already experience disabilities¹, including their health status, subjective well being and other outcomes. In addition, the Convention on the Rights of Persons with Disabilities (article 31) requires state parties to collect statistics and data on disability and the monitoring of the Convention requires internationally comparable disability data. This research aims to inform future data and research efforts on disability.

Although knowing the prevalence of disability world-wide and at the country level is important, little research has been conducted to rigorously estimate disability prevalence and there is no gold standard to measure disability across countries. A commonly cited global prevalence of disability is from the World Health Organization (WHO).² In 1981, the WHO Expert Committee on Disability, Prevention and Rehabilitation reviewed available data on prevalence in different countries and concluded that “no more accurate an estimate can be made than that the disabled comprise about 10% of the world’s population”². The 10% estimate has been widely cited. Helander³, one of the experts who participated in this committee work, later proposed a lower global estimate of severe and

moderate disability of 5.5% for all ages (including children), with a 8.5% prevalence for high income countries and a 5.5% prevalence for low and middle income countries.

Helander used a “rapid calculation of disability prevalence method”: based on disability prevalence data in four countries (Canada, China, Great Britain, and Mali), he derived an “operative rate of severe and moderate disability” for each of 18 five-year age groups and assumed that this rate applies to the world. Estimates of disability prevalence have also been developed as part of the Global Burden of Disease (GBD) study⁴. The GBD prevalence estimates are based on systematic assessments of the available data on a wide range of health conditions that last six months or more. The 2004 GBD study⁵ suggests that globally, among adults over the age of 15, 19.4% have a severe or moderate disability and 3.8% have a severe disability. In the GBD, disability prevalence is inferred from data on health conditions and impairments alone using available data on distributions of limitations that may result from health conditions and impairments. In June 2011, the WHO and the World Bank published the World Report on Disability⁶ in which global disability prevalence among adults is estimated at 15.6% based on World Health Survey (WHS) data in 59 countries. Country level estimates of disability prevalence are estimated to vary from a low of 4.3% in Ireland and Norway to a high of 35.9% in Swaziland. The World Report on Disability’s measure is based upon a score that aggregates answers to 15 questions in the WHS on difficulties experienced in eight domains (vision, mobility, cognition, self-care, pain, interpersonal relationships, sleep and energy, affect). Each answer is on a scale of 1 to 5: 1) no difficulty; 2) mild difficulty; 3) moderate difficulty; 4) severe difficulty; 5) extreme difficulty/unable to do. The disability score aggregates all answers, including mild and moderate and ranges from

zero to 100. An Item Response Theory approach using a Rasch model was applied to construct the disability score. It is compared to a threshold so as to identify who experiences a significant disability. This threshold was set at 40, which is the average of the disability scores of people who report at least one extreme limitation on any of the items and/or a chronic health condition (e.g., asthma, arthritis, diabetes, depression) explaining that it includes the following: “such chronic diseases are associated with disability, it is justifiable to use them as indicator conditions for estimating the average levels of functioning across all the chronic conditions that were assessed in the WHS, in order to set a meaningful threshold.”⁶

This paper aims to determine the prevalence of disability at country and global level by using a measure of disability that is very different from that in the World Report on Disability and to assess if this alternate disability measure leads to different prevalence estimates. While we also used the WHS data, our measure follows as closely as possible the recommendations of the United Nations Washington Group on Disability Statistics (the Washington Group thereafter). This group gathering 100 representatives of government, non-government and disabled people’s organizations organized under the United Nations Statistical Office, has developed and tested several disability questions and made recommendations for a short list of six questions to be included in household surveys or censuses in order to move towards a consistent measure of disability worldwide⁷.

METHODS

We used cross-sectional and retrospective complex sample survey data from the World Health Survey (WHS). The WHS is the first source of comparative descriptive data on disability in many countries in all regions of the world. The WHS data was collected in 70 countries in 2002-2004 and became publicly available in 2007. The primary objective of the WHS was to collect for adults comparable health data across countries⁸. In all countries, the WHS instrument was administered through face-to-face interviews, except in Israel and Luxembourg where it was conducted over the phone. The WHS follows a stratified sample design with weights, except in 10 countries where random sampling was used. Within each household, an individual respondent of 18 years of age or older was selected randomly using Kish tables. That person then responded to an individual level questionnaire, including questions about his/her own demographic characteristics, disability and health. In addition, for each household, one household informant responded to a household questionnaire including questions on household's living conditions and demographics (size, number of children). It should be noted that the WHS survey instrument was translated into several languages using cognitive interviews and cultural applicability tests and psychometric tests for reliability.⁸

The WHS focused on adults (aged 18 and over) in many countries. Out of the 70 countries where the WHS was fielded, we excluded 10 countries where sample weights are not available and four countries where the WHS data is not nationally representative (China, Congo, Cote d'Ivoire, Comoros). We excluded one country where WHS data was collected partly as a drop-and-collect survey and partly as a telephone interview and

was not comparable to other countries (Australia).⁶ We also excluded one country due to very high rates of missing data on one of the disability items (Mali). Thus the final study sample consisted of 54 countries.

Disability Measure

The WHS provides a number of questions that can be used to measure disability. This study used a disability measure which uses a set of four questions that match, as much as possible, the short list of six questions of the Washington Group. It includes four questions related to difficulty in seeing/recognizing people across the road (while wearing glasses/lenses); difficulty moving around; difficulty concentrating or remembering things; and difficulty with self care. These questions thus capture impairments through two functional limitations (seeing and concentrating) and two activity limitations/participation restriction (moving around, self-care). It should be noted that these four questions above are included in World Report on Disability measure, together with 11 other questions.

As noted earlier, in the WHS, for each difficulty, individuals could respond on a scale of 1 to 5 as follows: 1) no difficulty, 2) mild difficulty, 3) moderate difficulty, 4) severe difficulty and 5) extreme difficulty/ unable to do. In order to present a comprehensive picture of the range of difficulties, individuals were categorized into five mutually exclusive groups so as to give a detailed picture of different degrees of difficulties for each domain. The five categories with some hierarchy are as follows: (a) persons with two or more severe or extreme difficulties (regardless of whether they reported moderate difficulties in other items), (b) persons with one severe or extreme difficulty (regardless of whether they reported moderate difficulties in other items) , (c) persons with two or

more moderate difficulties and no severe or extreme difficulty, (d) persons with one moderate difficulty (no severe or extreme difficulty), and (e) persons who reported no difficulty or who reported mild difficulties only.

In this paper, persons with disabilities include persons in categories (a) and (b) and the prevalence of disability will be shown accordingly. Although this study presents the prevalence of moderate difficulties, this study provides an estimate of the prevalence of disability based on self reports of severe or extreme difficulties only, and not of moderate difficulties. Indeed, earlier research has shown that moderate difficulties may not be as reliably self-reported as severe difficulties.^{10,11} In addition, policy implications in terms of prevention and rehabilitation are more relevant to the population with severe difficulties.

Data Analysis

We use basic proportions to calculate disability prevalence in each country and also for all countries. We adjust for complex sampling (clustering, strata, and weights). Given that one of the objectives of this paper is to make cross-country comparisons of disability rates, we present standardized disability prevalence for each country. We adjust the rates for the respective countries' sex (women and men) composition by fine age groups, consisting of 18 categories.¹² These categories are as follows: 18-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 54-69, 70-74, 75-79, 80-84, 85-89, 90-94, 95-99, 100+.

We also calculate a disability prevalence rate for all 54 countries and consider it an estimate of a global disability rate. Ideally, a global disability rate should reflect the structure of the global population by country and by age/gender. We thus develop our estimate using two procedures. First, we pool together all the weighted individual observations in the WHS for all 54 countries to calculate a prevalence rate for each sex-age group. We use the 18 age groups above and have thus 36 sex-age group disability prevalence estimates. With this first procedure, we try to come close to the global population structure by country with larger countries having a larger impact on the global estimate than smaller ones. Second, we use the estimated prevalence rate for each sex-age group and apply the global population structure by age/gender. With this second procedure, we come close to the global population structure by age/gender. Larger age-sex groups have a larger impact on global disability prevalence.

We also group countries by income levels using the World Bank country classification and present prevalence estimates for high income countries, upper middle income countries, lower middle income countries and lower income countries. Country group prevalence estimates are age-sex standardized. In addition, prevalence is presented for demographic subgroups: for working age individuals (aged 18 to 64) and for older individuals (aged 65 and older), with a breakdown by sex for each category.

It should be noted that disability estimates had very low standard errors producing very narrow confidence intervals. To simplify the presentation, we have not included 95% confidence interval of the estimates. In addition, all analyses were performed using procedures to adjust for complex sample design or traditional procedures using SAS 9.2.

RESULTS

A description of the sample is presented in Table 1. The total sample size for all countries for adults aged 18 and over was 250,225. At the country level, the minimum number of observations was 451 for Greece and the maximum number of observations was 38,475 for Mexico. The distribution of men and women varies across countries. The lowest percent of women was in Pakistan (44%) and the highest percent of women was in the Netherlands (67%). Only three countries had less than 50% women (Pakistan, United Arab Emirates, and Senegal). Similarly, the percentage of older adults (adults over 54 years of age) also varied across countries. The lowest percentage (3%) was found in the United Arab Emirates and the highest percentage (41%) was found in Greece. Three countries had less than 6% of adults aged 65 or older (United Arab Emirates, Slovakia, and South Africa). Table 1 also reports missing data rates. The analysis was conducted for individuals with no missing data on sex, age or any of the difficulty questions included in the disability measure. The missing data rate for all countries stood at 4.9% (not reported in Table 1). At the country level, the missing data rate on disability questions ranged from 0% in Mexico to 45.9% in Vietnam.

Country-level prevalence rates in severe disability adjusted for sex and age for the 54 countries are presented in Table 2. There is considerable cross-country variation in the prevalence of disability among adults across the 54 countries under study, even after standardizing for population structure. Disability rates vary from a low of 2.3% in Ireland to a high of 30% in South Africa. Overall, disability is highly prevalent in most

countries. Five countries have a rate of disability above 20%. Thirty one countries have prevalence rates at or above 10% and 15 countries between 5 and 10%. Only eight countries have prevalence rates below 5%. Table 2 also reports the percentages of persons with at least two moderate difficulties (column (c)), one moderate difficulty (column (d)), and no difficulty or mild difficulties only (no difficulty thereafter) (column (e)). A majority of the countries reported between 10% and 15% individuals having moderate difficulty in one item. There is also considerable variation across countries in the percentages of individuals with no difficulty or mild difficulty only.

Appendix 1 has country prevalence estimates from Table 2 and the World Report on Disability's. The Pearson correlation coefficient between the two sets of disability prevalence estimates is 0.79 [$p < 0.001$]. However, it is clear that the disability prevalence estimates of the World Report on Disability and of this paper are different. The median difference between the World Report on Disability and our estimates is 2.7 percentage points and ranges from a low of - 5.8 percentage points in South Africa to a high of 20.5 percentage points in the Philippines and Swaziland. The difference is at least three percentage points in 28 countries. Appendices 2 through 7 have country prevalence rates that are not standardized by age and gender. These estimates are provided for information for within-country research or policy issues, but are not comparable across countries.

Table 3 presents the prevalence of severe and moderate difficulties as well as disability for all countries. In all countries, 14% of all adults have a disability as measured by having at least one severe or extreme difficulty. Table 3 also gives a breakdown of prevalence for four groups of countries categorized by income level. The prevalence of disability is lowest among high income countries at 6.5%, and highest among lower

middle income countries at 19.9%. In upper middle income and low income countries, it stood at 13.4% and 12.6% respectively. Prevalence is lower in high income countries compared to developing countries, where the term developing countries refers to countries in the low and middle income groups as per the World Bank classification.¹³

In Table 4, prevalence is given for working age individuals (aged 18 to 64) and for older individuals (aged 65 and older) with a breakdown by sex for each age category.

Disability prevalence in all countries is estimated at 12% for the working age population and 39.4% for older individuals. The prevalence of disability is higher for women compared to men for all adults, for the working age and the elderly. The gap in the prevalence of disability between women and men is the largest among the older population: 44.2% of older women have a disability compared to 33.9% of older men. In addition, women more often than men have two or more severe or extreme difficulties: for instance, among working age individuals, the prevalence of having two or more severe or extreme difficulties stands at 4.8% for women compared to 2.4% for men.

DISCUSSION

To our knowledge, this is the first study on disability prevalence among adults using internationally comparable data and the recent disability measure recommendations of the Washington Group. Overall, results indicate that in the 54 countries under study, severe or extreme functional or activity limitations are highly prevalent among adults.

In this study's findings, there was considerable variation in the prevalence of severe disability across the 54 countries, even after using a standard sex-age population

structure. Variation could be due to a variety of factors including differences in the true prevalence of limitations, but also differences in survey translations as has been shown to be relevant in the cognitive testing of the Washington Group's questions in different countries.¹² Based on results for all 54 countries, women in all age groups are found to have higher disability prevalence than men. This result is consistent with findings from other studies in high income countries, although the gender gap is found to be small in such countries.¹⁴ More research is needed on the extent of a gender gap in disability prevalence and its determinants.

Our study estimates that disability is highly prevalent among adults at country and global levels. Only eight countries have prevalence rates below 5% and the global prevalence of disability among adults is 14%. This result suggests that disability is an important public health issue. Yet public health interventions for persons with disabilities such as access to health care among persons with disabilities have been largely overlooked and the major focus has been disability prevention.^{1,15} Results in this paper justify the need to develop a broader public health response to disability aimed at promoting health and improving the quality of life of persons who already have a disability. In addition, a noteworthy result for global health is the variation of disability prevalence across country groups. It is the lowest in high-income countries compared to low and middle income countries. This result is consistent with the World Report on Disability (p. 30)⁶ but stands in contrast to results in earlier studies that have typically shown higher disability prevalence in high income countries compared to low and middle income countries.^{3,4,5,16} This result of earlier studies is due, at least in part, to the disability measures under use in low and middle income countries often using impairment or functional limitation

questions, while high income countries tend to use activity limitation measures. This paper has the advantage to use internationally comparable data and a disability measure that has been tested for its suitability for international research. The result of higher prevalence in low and middle income countries suggests that disability is an important international development issue and that there is a need for further research on the factors related to development that may have an impact on disability prevalence. This brings into question whether a “disability transition” accompanies development. There is no definite answer to this question, neither at the theoretical nor at the empirical level. There are mainly three theories about the link between the effect of increased life expectancy and changing morbidity associated with development on disability prevalence.¹⁷ The first one, and probably the most widely accepted theory, is that development leads to increased disability prevalence. The basic rationale is that the demographic and medical changes associated with development, increased longevity and survival from disabling accidents and conditions, lead to increased disability prevalence. A second theory predicts a reduction in severe disabilities through enhanced medical intervention and a rise in mild disabilities. Thirdly, in what is often called the compression of morbidity theory, it is argued that with medical improvements, the proportion of life lived with a disability decreases and the prevalence of disability also decreases. It is beyond the scope of this paper to test these theories. Further research is needed to uncover the demographic, health and environmental factors that change with the development process and impact disability prevalence.

This paper’s estimate of global disability prevalence (14%) is close to that in the WHO-World Bank (2011) (15.6%). It should be noted that, unlike the World Report on

Disability, our global estimate excludes four countries where data was not nationally representative (China, Congo, Cote d'Ivoire, Comoros) and one country due to very high rates of on one of the disability items (Mali). This could explain some of the difference in the global estimate between WHO-World Bank (2011) and this paper. At the same time, the difference in global prevalence estimate is also due to differences in the disability measure under use. This paper's estimate is higher though than the 10% global prevalence estimate of the WHO that is widely cited.² Compared to this study, which was based on a review of country prevalence estimates by a committee of experts, the major advantage of the global estimate in this paper is that the same disability measure is used across countries based on identically formulated and sequenced questions across countries. The global estimate proposed in this paper is also higher than other earlier estimates, in particular 3.8% for severe disability among adults⁵ or 5.5% for disability among all ages.³ This difference may in part result from the fact that the current study does not cover children: disability prevalence estimates for children are generally lower than those for adults.¹⁸ The global estimate developed in this paper contributes to the discourse on global disability prevalence by using a unique data set and recent advances in disability measurement by the Washington Group. Like the World Report on Disability, it uses the WHS but unlike the World Report on Disability, it does not use item response theory to compile a disability score. Unlike the World Report on Disability and the global burden of disease study, it does not rely on assumptions on how limitations may result from specific health conditions and impairments in order to set up a threshold. In this study, individuals' responses are used at face value regarding the level of severity of their difficulties. Anyone reporting a difficulty that is at least severe is considered to

have a disability. Unlike the ‘rapid calculation of disability prevalence method’³, this paper’s estimate is based on country level estimates from many countries in each region of the world and does not assume that all countries around the world have the same disability prevalence within age-sex groups.

However, the WHS data and the disability measure used in this study suffer from several noteworthy limitations. First, the WHS suffers from high missing data rates in selected countries. It is unclear why the missing data rates vary a lot across countries. Although the WHS survey instrument was pretested with cultural applicability tests and psychometric tests for reliability, it could well be due to different implementation challenges at the country level. In fact, this high rate of missing data justifies even more the need for this study as it is important to assess to what extent the World Report on Disability’s estimates hold, while using a different disability measure for which missing data may have different implications. Missing data on disability items can affect disability prevalence estimates if data on difficulties is not missing randomly across disability status, which cannot be checked with the data at hand. However, several checks were conducted to assess the sensitivity of the results in this paper to potential missing data bias. At the country level, we performed logistic regressions of the probability of having missing data on disability questions on gender and age separately, in countries with a missing data rate higher than 5%. Results are not shown. For one country, India, women were more likely to have missing data on disability items than men. For all countries, we conducted sensitivity analysis of the prevalence estimates by eliminating countries with more than 20% missing data (Slovakia, Bosnia, Swaziland and Vietnam). Disability estimates remained generally consistent.

Second, there are two reasons to expect that the WHS based disability measure used in this paper may *underestimate* disability prevalence. The WHS does not cover two limitations included in the Washington group's recommended short list of questions, the limitations in hearing and communicating. The WHS interviews persons living in households, so persons in residential care homes are not covered, which will likely lead to an underestimate of prevalence in high income countries. At the same time, it could also be argued that a WHS-based disability measure may *overestimate* disability prevalence. The introduction to the disability questions in the WHS does not explain that reported difficulties need to be related to a "health problem", as the introduction to the questions of the Washington Group does. In addition, one has to bear in mind that respondents were asked to report difficulties during the last 30 days prior to the interview, which might give rise to an upward bias in estimating disability prevalence. Indeed, acute and short term health conditions (e.g. leg fracture) not resulting in disability might have been reported. All the WHS difficulty questions refer to difficulties while using assistive devices or the personal help that is usually in place. In addition, difficulty questions refer to people's experience in the actual context in which they live, which will vary from one community to the next and of course from country to country. One should therefore bear in mind that differences in disability prevalence using the WHS may thus reflect differences in individuals' underlying health conditions, contextual factors as well as access to assistive devices and personal assistance. It is also possible that country differences result from differences in data collection processes across countries. Although the WHS was designed to collect internationally comparable health data with translation /cognitive testing, data were collected by country specific teams. Despite the consistent

training of enumerators in all countries, it is possible that data collection was influenced by country specific field contexts. It is important to emphasize that it is *not* the objective of this paper to explain cross country differences in disability prevalence.

Finally, the WHS collects self reports on functional and activity difficulties, which may be influenced by local culture.¹⁹ In general, the use of self-reported measures for disability has been considered to be valuable in attempts to better understand experiences of morbidity in general, and disability in particular.²⁰ Moreover, in the absence of observed disability data in many countries, the use of self reported disability questions represents a step forward. It should be noted that the WHS also includes vignettes so as to attempt to adjust for cultural biases in self-reports between countries or socio-economic groups within countries. Unfortunately, at least in selected countries, vignettes have proved to be unable to adjust for such biases.²¹ Finally, the WHS data set that was used in this study is a decade old and does not cover children. Further internationally comparable data collection efforts are needed to monitor the functioning of global, regional and country populations and more generally, disability deserves enhanced policy attention and resources in public health at global and country levels and in international development.

References

1. Adams E, Glora RD, Krahn L, Horner-Johnson W, Leman R, Fundamentals of Disability Epidemiology in: Drum CE, Krahn GL, and Bersani H, *Disability and Public Health*. 2009. American Public Health Association.
2. WHO. *Disability Prevention and Rehabilitation*, Technical Report Series No. 668, 1981, WHO, Geneva.
3. Helander E, *Prejudice and Dignity: An Introduction to Community Based Rehabilitation*, 1999. United Nations Development Programme, New York.
4. Murray CJL, Lopez AD, eds. *The Global Burden of Disease: a comprehensive assessment of mortality and disability from diseases, injuries and risk factors in 1990 and projected to 2020*. 1996. 1st ed. Cambridge, MA, Harvard University Press.
5. WHO. *The global burden of disease: 2004 update*. Geneva, World Health Organization, 2008.
6. WHO, The World Bank. World Report on disability. 2011. http://whqlibdoc.who.int/publications/2011/9789240685215_eng.pdf (accessed June 4, 2011).
7. Maddans J, Measuring disability and monitoring the UN convention on the rights of persons with disabilities: the work of the Washington Group on Disability Statistics. *BMC Public Health*. 2011; 11(Suppl 4: S4).
8. Üstün TB, Chatterjee S, Mechbal A, Murray CJL, Collaborating Groups WHS. The World Health Surveys [chapter 58]. In: Murray CJL & Evans DB, eds. *Health systems performance assessment: debates, methods and empiricism*. Geneva: World Health Organization; 2003, 115-26.

9. Eide A, Loeb M Living Conditions among People with Activity Limitations in Zambia. A National Representative Study, 2006. SINTEF Health Research, Oslo, Norway.
<http://www.sintef.no/upload/Helse/Levek%C3%A5r%20og%20tjenester/ZambiaLCweb.pdf>.
10. Lafortune G, Balestat G and the Disability Study Expert Group Members. Trends in Severe Disability among Elderly People: Assessing the Evidence in 12 OECD Countries and the Future Implications. OECD 2007, Health Working Paper 26.
11. Miller, K, Mont D, Maitland A, Altman B, Madans J. “Results of a Cross-national Structured Cognitive Interviewing Protocol to Test Measures of Disability.” *Quality and Quantity* 2010; 45(4): 801-815, DOI: 10.1007/s11135-010-9370-4.
12. US Census Bureau. <http://www.census.gov/ipc/www/idb/informationGateway>
13. The World Bank. Data: How we Classify Countries. Accessed June 4, 2012.
<http://data.worldbank.org/about/country-classifications>
14. OECD. *Transforming Disability into Ability: Policies to Promote Work and Income Security for Disabled People*. 2003, Organization for Economic Cooperation and Development: Paris.
15. Stein MA, Stein PJS, Weiss D, Lang R. Health Care and the UN Disability Rights Convention. *Lancet*. 2009; 374, pp1796-1797.
16. Mont D, Measuring Health and Disability, *Lancet*. 2007; 369: 1548-1663, and Social Protection Paper 0706, World Bank.

17. Mitra S. Disability: Economic and Social Development, in: Albrecht, G. (ed) (2005), *The Encyclopedia of Disability*, Sage, 2005.
18. Filmer D. Disability, Poverty and Schooling in Developing Countries: Results from 14 Household Surveys. *The World Bank Economic Review*. 2008; 22(1), 141-163.
19. Coleridge P. *Disability, Liberation and Development*. Oxfam, 1993.
20. Murray CJL, Chen LC. Understanding morbidity change. *Population and Development Review* 1992; 18(3) 481-503.
21. Nogueira Damacena G, Teixeira Leite de Vasconcellos M, Landmann Szwarcwald C. Perception of health state and the use of vignettes to calibrate for socioeconomic status: results of the World Health Survey in Brazil. *Cad. Saúde Pública*; 2003, 21 Sup:S54-S77.

Table 1 - Sample Size and Missing data on Disability Status By Country

Country	N	Missing Data ^a	Country	N	Missing Data ^a
<u>Africa</u>			<u>Americas</u>		
Burkina Faso	4,771	1.1%	Brazil	4,978	0.4%
Chad	4,333	6.6%	Dominican Republic	4,511	0.5%
Ethiopia	4,426	10.3%	Ecuador	4,380	5.8%
Ghana	3,887	1.0%	Mexico	38,745	0.0%
Kenya	4,393	0.4%	Paraguay	5,138	0.1%
Mauritania	3,575	5.1%	Uruguay	2,965	0.5%
Malawi	5,199	0.6%			
Mauritius	3,815	1.9%	<u>Europe</u>		
Morocco	4,994	0.1%	Bosnia and Herzegovina	589	42.7%
Namibia	3,534	16.7%	Croatia	989	0.1%
Senegal	2,590	17.8%	Czech Republic	887	5.1%
South Africa	2,004	14.5%	Estonia	990	2.0%
Swaziland	2,023	34.3%	Finland	1,006	0.7%
Tunisia	4,788	5.5%	France	996	1.1%
Zambia	3,380	11.1%	Georgia	2,749	0.2%
Zimbabwe	4,015	1.8%	Hungary	1,404	1.1%
			Ireland	987	2.6%
			Israel	1,201	2.5%
<u>Asia</u>					
Bangladesh	5,521	0.5%	Kazakhstan	4,387	2.4%
India	8,062	19.3%	Latvia	791	7.5%
Lao People's Democratic Republic	4,840	1.0%	Luxembourg	694	0.9%
Malaysia	5,954	1.4%	Netherlands	1,071	1.8%
Myanmar	5,885	0.0%	Portugal	1,024	0.6%
Nepal	8,672	0.2%	Russian Federation	4,200	5.0%
Pakistan	6,253	1.9%	Slovakia	1,730	30.3%
Phillipines	10,032	0.4%	Spain	6,252	1.7%
Sri Lanka	6,066	9.9%	Sweden	981	1.9%
United Arab Emirates	1,148	2.7%	Turkey	11,036	1.6%
Viet Nam	1,890	45.9%	Ukraine	2,673	6.0%

Notes: Based on respondents of the WHS

^a Responses for disability items were either missing or not provided by the respondent.

Table 2 - Age-Sex Standardized Disability Prevalence (%) among adults aged 18 and over, and in 54 countries

	At least two severe or extreme limitations (a)	One severe or extreme limitation (b)	At least two moderate limitations (c)	One moderate limitation (d)	No limitation (e)	Disability (a) + (b)
Africa						
Burkina Faso	3.4	8.4	3.5	9.1	75.6	11.8
Chad	5.2	7.0	9.2	15.1	63.5	12.2
Ethiopia	5.0	9.2	5.4	11.5	68.9	14.2
Ghana	2.5	8.5	3.7	14.6	70.6	11.0
Kenya	3.3	7.0	4.9	14.0	70.7	10.3
Malawi	5.2	11.4	2.7	8.9	71.7	16.6
Mauritania	6.2	9.7	12.3	12.3	59.4	15.9
Mauritius	5.0	8.2	1.0	6.2	79.4	13.2
Morocco	9.7	18.5	3.3	13.5	55.1	28.2
Namibia	6.7	11.5	5.7	12.4	63.7	18.2
Senegal	2.6	10.7	7.7	12.8	66.2	13.3
South Africa	15.2	14.8	5.5	11.5	53.0	30.0
Swaziland	4.9	10.5	6.2	11.2	66.5	15.4
Tunisia	4.1	7.4	3.7	11.1	73.7	11.5
Zambia	3.2	5.8	6.2	11.9	72.8	9.0
Zimbabwe	5.5	10.5	3.7	12.2	68.0	16.0
Americas						
Brazil	4.3	12.5	3.8	16.0	63.4	16.8
Dominican Republic	3.3	8.5	3.0	12.1	73.1	11.8
Ecuador	2.6	7.9	4.1	12.0	73.3	10.5
Mexico	1.8	5.5	2.8	9.9	80.0	7.3
Paraguay	2.4	7.2	3.8	15.0	71.5	9.6
Uruguay	0.4	4.3	1.0	8.0	86.3	4.7
Asia						
Bangladesh	10.1	11.9	8.3	14.6	55.2	22.0
India	10.6	14.3	4.1	8.5	62.6	24.9
Lao People's Democratic Republic	1.8	4.3	3.9	9.6	80.4	6.1
Malaysia	0.9	2.2	2.1	6.9	87.8	3.1
Myanmar	1.2	2.9	2.7	7.7	85.5	4.1
Nepal	8.3	12.5	3.4	9.7	66.1	20.8
Philippines	2.6	5.7	4.8	8.9	77.9	8.3
Pakistan	3.1	8.5	23.1	19.0	46.3	11.6
Sri Lanka	3.5	4.4	4.4	8.7	78.8	7.9
United Arab Emirates	1.9	6.2	4.6	10.1	76.1	8.1
Viet Nam	1.0	3.8	2.1	7.2	85.7	4.8
Europe						
Bosnia and Herzegovina	4.5	5.9	3.9	10.8	74.4	10.4
Croatia	3.6	6.3	4.8	12.2	73.0	9.9
Czech Republic	3.2	4.3	2.0	13.0	77.4	7.5
Estonia	2.2	4.8	2.9	8.5	81.5	7.0
Finland	0.8	4.1	1.5	9.3	84.3	4.9
France	0.6	2.4	3.9	9.3	83.7	3.0
Georgia	4.0	7.0	4.6	11.8	72.6	11.0
Hungary	2.1	6.4	1.2	8.5	81.8	8.5
Ireland	0.7	1.6	2.2	5.2	90.2	2.3
Israel	4.1	7.0	4.7	13.1	71.1	11.1
Kazakhstan	1.6	5.3	3.6	12.8	76.5	6.9
Latvia	4.6	9.6	3.3	13.2	69.2	14.2
Luxembourg	0.3	6.0	4.4	14.4	74.6	6.3
Norway	0.4	4.3	1.3	10.8	83.1	4.7
Portugal	2.2	4.9	5.1	12.2	75.6	7.1
Russian Federation	4.3	6.5	4.2	11.1	73.8	10.8
Slovakia	1.9	12.3	2.6	10.6	72.2	14.2
Spain	1.9	5.0	2.0	8.6	82.5	6.9
Sweden	2.3	12.9	1.9	12.9	69.8	15.2
Turkey	5.5	11.8	5.4	14.3	63.0	17.3
Ukraine	3.6	6.9	3.1	9.2	77.1	10.5

Notes: Categories (a), (b), (c), (d) and (e) are mutually exclusive. Individuals under (a) or (b) may also have moderate limitations, but individuals under (c) or (d) do not have severe or extreme limitations.

**Table 3- Age-Sex Standardized Disability Prevalence (%)
among Adults for All Countries and by Country Income Group**

	At least two severe or extreme limitations (a)	One severe or extreme limitation (b)	At least two moderate limitations (c)	One moderate limitation (d)	No limitation (e)	Disability (a) + (b)
All 54 countries	4.9	9.1	5.1	11.5	69.4	14.0
High Income Countries	1.7	4.8	3.0	10.1	80.3	6.5
Upper Middle Income Countries	4.2	9.2	4.2	13.0	69.4	13.4
Lower Middle Income Countries	7.8	12.1	6.8	10.9	62.3	19.9
Low Income Countries	4.8	7.8	5.0	10.8	71.6	12.6

Notes: Categories (a), (b), (c), (d) and (e) are mutually exclusive. Individuals under (a) or (b) may also have moderate limitations, but individuals under (c) or (d) do not have severe or extreme limitations. Countries are classified using the World Bank classification available at: <http://data.worldbank.org/about/country-classifications>

**Table 4 - Prevalence of Limitations and Disability (%)
for All Countries by Demographic Characteristic**

	At least two severe or extreme limitations (a)	One severe or extreme limitation (b)	At least two moderate limitations (c)	One moderate limitation (d)	No limitation (e)	Disability (a) + (b)	
Adults aged 18 and older							
Women	7.0	11.5		6.3	13.5	61.8	18.5
Men	4.0	8.1		4.7	10.5	72.7	12.1
Working age Adults (aged 18 to 64)							
All	3.6	8.4		4.7	11.6	71.6	12.0
Women	4.8	9.9		5.4	13.3	66.6	14.7
Men	2.4	6.7		3.9	9.8	77.1	9.1
Older Adults (65 and above)							
All	19.1	20.3		11.0	15.1	34.5	39.4
Women	22.2	22.0		11.9	14.7	29.3	44.2
Men	15.6	18.3		9.8	15.6	40.7	33.9

Notes: Categories (a), (b), (c), (d) and (e) are mutually exclusive. Individuals under (a) or (b) may also have moderate limitations, but individuals under (c) or (d) do not have severe or extreme limitations.

These estimates are for demographic subgroups and thus are not age-sex standardized.

Appendix 1: Comparison of Country Prevalence Estimates with those of the World Report on Disability

	Mitra & Sambamoorthi	World Report on Disability	Difference
<u>Africa</u>			
Burkina Faso	11.8	13.9	2.1
Chad	12.2	20.9	8.7
Ethiopia	14.2	17.6	3.4
Ghana	11	12.8	1.8
Kenya	10.3	15.2	4.9
Malawi	16.6	14	-2.6
Mauritania	15.9	24.9	9
Mauritius	13.2	13.1	-0.1
Morocco	28.2	32	3.8
Namibia	18.2	21.4	3.2
Senegal	13.3	15.5	2.2
South Africa	30	24.2	-5.8
Swaziland	15.4	35.9	20.5
Tunisia	11.5	16.3	4.8
Zambia	9	14.8	5.8
Zimbabwe	16	16.9	0.9
<u>Americas</u>			
Brazil	16.8	18.9	2.1
Dominican Republic	11.8	11.1	-0.7
Ecuador	10.5	13.6	3.1
Mexico	7.3	7.5	0.2
Paraguay	9.6	10.4	0.8
Uruguay	4.7	4.6	-0.1
<u>Asia</u>			
Bangladesh	22	31.9	9.9
India	24.9	24.9	0
Lao People's Democratic Republic	6.1	8	1.9
Malaysia	3.1	4.5	1.4
Myanmar	4.1	6.4	2.3
Nepal	20.8	21.7	0.9
Philippines	8.3	28.8	20.5
Pakistan	11.6	13.4	1.8
Sri Lanka	7.9	12.9	5
United Arab Emirates	8.1	10.8	2.7
Viet Nam	4.8	5.8	1

	Mitra & Sambamoorthi	World Report on Disability	Difference
<u>Europe</u>			
Bosnia and Herzegovina	10.4	14.6	4.2
Croatia	9.9	13.9	4
Czech Republic	7.5	11.7	4.2
Estonia	7	11	4
Finland	4.9	5.5	0.6
France	3	6.5	3.5
Georgia	11	15.6	4.6
Hungary	8.5	10.5	2
Ireland	2.3	4.3	2
Israel	11.1	15.8	4.7
Kazakhstan	6.9	14.2	7.3
Latvia	14.2	18	3.8
Luxembourg	6.3	10.2	3.9
Norway	4.7	4.3	-0.4
Portugal	7.1	11.2	4.1
Russian Federation	10.8	16.4	5.6
Slovakia	14.2	12.1	-2.1
Spain	6.9	9.5	2.6
Sweden	15.2	19.3	4.1
Turkey	17.3	20.6	3.3
Ukraine	10.5	14.8	4.3

Sources: Mitra & Sambamoorthi's estimates are authors' estimates in this paper. The estimates of the World Report on Disability are from Technical Appendix A of the report pp. 271-276. Both sets of disability prevalence estimates are weighted and age-standardized.

Appendix 2a: Disability Prevalence among Adults by Country (Not standardized)

	At least two severe or extreme limitations (a)	One severe or extreme limitation (b)	At least two moderate limitations (c)	One moderate limitation (d)	No limitation (e)	Disability (a) + (b)
<u>Africa</u>						
Burkina Faso	3.1	7.6	3.1	8.9	77.3	10.7
Chad	4.4	6.4	8.4	15.2	65.6	10.8
Ethiopia	4.1	8.6	5.0	11.2	71.0	12.7
Ghana	3.0	9.0	4.0	15.5	68.6	12.0
Kenya	2.3	6.1	3.8	13.0	74.7	8.4
Mauritania	5.7	9.8	12.1	12.4	60.1	15.5
Malawi	4.9	10.5	2.2	8.5	73.9	15.4
Mauritius	5.5	8.8	1.1	6.8	77.7	14.3
Morocco	9.8	18.7	3.5	13.8	54.2	28.5
Namibia	6.6	11.5	5.7	12.3	63.9	18.1
Senegal	2.4	10.6	7.5	12.9	66.6	13.0
South Africa	4.7	10.3	5.9	11.6	67.5	15.0
Swaziland	16.1	14.8	5.5	11.7	52.0	30.9
Tunisia	4.7	8.0	4.0	11.4	71.9	12.7
Zambia	2.3	5.2	5.6	11.3	75.7	7.5
Zimbabwe	5.3	10.1	3.5	12.0	69.0	15.4
<u>Americas</u>						
Brazil	4.8	13.4	4.0	16.5	61.3	18.2
Dominican Republic	3.6	9.0	3.2	12.3	72.0	12.6
Ecuador	2.9	8.6	4.5	12.8	71.1	11.5
Guatemala	5.5	13.1	3.2	14.1	64.0	18.6
Mexico	2.1	6.0	3.1	10.5	78.2	8.1
Paraguay	2.3	7.5	3.9	15.1	71.3	9.8
Uruguay	0.5	5.1	1.4	9.3	83.8	5.6
<u>Asia</u>						
Bangladesh	9.4	12.0	8.7	15.0	54.9	21.4
China	1.1	2.4	3.2	8.2	85.0	3.5
India	10.2	14.4	4.2	8.6	62.6	24.6
Lao People's Democratic Rep	1.5	3.9	3.7	9.5	81.3	5.4
Malaysia	0.8	2.2	2.1	6.7	88.2	3.0
Myanmar	1.2	2.9	2.9	8.4	84.5	4.1
Nepal	8.4	12.7	3.4	10.0	65.5	21.1
Pakistan	2.0	5.2	3.9	8.2	80.7	7.2
Phillipines	2.7	8.3	23.5	19.4	46.1	11.0
Sri Lanka	4.0	4.8	4.9	9.8	76.6	8.8
United Arab Emirates	1.3	4.9	3.9	10.2	79.7	6.2
Viet Nam	1.0	4.1	2.2	7.5	85.1	5.1
<u>Europe</u>						
Austria	0.6	2.6	2.5	8.9	85.5	3.2
Belgium	1.2	7.0	2.8	13.7	75.1	8.2
Bosnia and Herzegovina	8.0	9.8	6.4	13.3	62.6	17.8
Croatia	6.3	10.4	7.0	15.3	61.0	16.7
Czech Republic	5.5	7.7	3.3	15.5	68.0	13.2
Denmark	1.4	4.1	2.2	14.4	77.9	5.5
Estonia	5.0	7.3	4.2	12.4	71.1	12.3
Finland	1.3	5.9	2.7	13.4	76.8	7.2
France	1.5	3.4	5.4	10.2	79.4	4.9
Georgia	6.5	9.8	6.8	14.8	62.2	16.3
Germany	2.3	7.3	4.8	13.1	72.6	9.6
Greece	5.5	6.9	5.1	12.4	70.1	12.4
Hungary	4.7	10.7	2.1	11.2	71.4	15.4
Ireland	0.8	1.9	2.5	5.8	88.9	2.7
Israel	5.1	7.5	5.4	14.2	67.9	12.6
Italy	2.6	5.8	4.9	11.2	75.4	8.4
Kazakhstan	1.3	5.4	4.3	14.2	74.7	6.7
Latvia	8.6	15.4	6.9	13.6	55.4	24.0
Luxembourg	0.4	7.2	4.6	15.6	72.2	7.6
Netherlands	1.5	5.6	3.7	15.6	73.6	7.1
Norway	0.6	5.5	1.5	11.8	80.6	6.1
Portugal	4.3	8.1	7.9	14.9	64.7	12.4
Russian Federation	10.5	11.3	8.2	13.9	56.1	21.8
Slovakia	1.0	8.7	2.4	12.5	75.4	9.7
Slovenia	6.6	11.3	4.1	14.0	64.0	17.9
Spain	4.1	7.7	3.9	11.5	72.8	11.8
Sweden	4.0	13.7	2.8	15.8	63.7	17.7
Turkey	6.1	12.8	5.8	15.2	60.1	18.9
Ukraine	6.6	9.9	4.7	11.7	67.1	16.5
United Kingdom	2.4	7.9	4.7	15.7	69.2	10.3

Appendix 2b: Disability Prevalence among Adult Women by Country (Not standardized)

	At least two severe or extreme limitations (a)	One severe or extreme limitation (b)	At least two moderate limitations (c)	One moderate limitation (d)	No limitation (e)	Disability (a) + (b)
<u>Africa</u>						
Burkina Faso	2.8	8.9	3.1	9.1	76.1	11.7
Chad	4.1	7.3	9.8	16.6	62.2	11.4
Ethiopia	4.7	9.5	5.4	11.9	68.6	14.2
Ghana	2.9	10.3	4.7	18.2	63.9	13.2
Kenya	3.2	7.2	4.6	13.3	71.6	10.4
Mauritania	6.0	10.8	12.3	12.9	58.0	16.8
Malawi	5.3	10.2	2.4	9.8	72.3	15.5
Mauritius	7.0	10.6	1.1	7.1	74.2	17.6
Morocco	13.1	24.4	3.9	15.5	43.2	37.5
Namibia	7.1	13.2	6.8	13.4	59.6	20.3
Senegal	1.8	13.8	7.6	15.7	61.1	15.6
South Africa	5.6	11.0	7.0	12.3	64.2	16.6
Swaziland	16.0	16.3	5.1	12.6	50.1	32.3
Tunisia	5.6	9.2	5.8	12.7	66.8	14.8
Zambia	2.7	6.4	6.3	10.6	74.0	9.1
Zimbabwe	5.5	10.3	4.0	13.8	66.4	15.8
<u>Americas</u>						
Brazil	5.9	15.8	4.5	18.6	55.2	21.7
Dominican Republic	4.3	11.0	4.7	15.2	64.8	15.3
Ecuador	3.5	9.6	5.2	14.4	67.4	13.1
Guatemala	6.4	14.3	4.0	14.6	60.7	20.7
Mexico	2.3	7.1	3.6	11.8	75.2	9.4
Paraguay	3.2	9.3	4.4	17.2	65.9	12.5
Uruguay	0.5	6.6	1.4	10.1	81.3	7.1
<u>Asia</u>						
Bangladesh	13.6	14.5	10.9	16.0	45.1	28.1
China	1.2	2.5	3.8	8.4	84.1	3.7
India	13.9	17.0	4.8	8.7	55.6	30.9
Lao People's Democratic F	1.6	4.0	4.3	10.7	79.5	5.6
Malaysia	0.7	2.3	2.0	7.1	87.9	3.0
Myanmar	1.4	3.2	3.0	9.6	82.8	4.6
Nepal	9.6	13.8	3.8	10.6	62.2	23.4
Pakistan	3.1	7.9	6.4	12.3	70.4	11.0
Phillipines	2.8	9.1	23.4	20.2	44.4	11.9
Sri Lanka	5.4	5.7	5.8	10.9	72.2	11.1
United Arab Emirates	1.5	7.1	4.7	13.9	72.8	8.6
Viet Nam	0.8	4.3	2.8	6.1	86.0	5.1
<u>Europe</u>						
Austria	0.5	2.8	2.2	8.5	86.1	3.3
Belgium	1.8	8.7	2.4	14.9	72.3	10.5
Bosnia and Herzegovina	8.8	12.3	5.3	13.4	60.3	21.1
Croatia	6.7	11.2	7.2	16.2	58.6	17.9
Czech Republic	6.2	6.8	3.7	16.0	67.3	13.0
Denmark	1.7	4.4	2.7	13.6	77.5	6.1
Estonia	6.0	7.1	3.4	12.6	70.9	13.1
Finland	1.2	5.9	2.1	14.4	76.3	7.1
France	2.8	3.5	6.4	12.7	74.7	6.3
Georgia	8.5	11.4	7.2	14.9	58.0	19.9
Germany	2.2	8.0	5.9	13.3	70.6	10.2
Greece	7.0	8.2	6.1	14.3	64.3	15.2
Hungary	4.2	13.4	2.3	11.0	69.0	17.6
Ireland	0.8	2.8	3.0	6.3	87.0	3.6
Israel	5.7	10.2	4.9	16.8	62.4	15.9
Italy	3.5	6.9	6.2	13.0	70.5	10.4
Kazakhstan	1.0	5.4	4.7	14.4	74.6	6.4
Latvia	9.5	17.0	7.5	13.8	52.3	26.5
Luxembourg	0.8	7.6	6.2	16.7	68.6	8.4
Netherlands	2.2	6.8	4.2	18.0	68.8	9.0
Norway	0.4	4.7	1.4	12.2	81.3	5.1
Portugal	5.6	9.0	9.8	17.8	57.8	14.6
Russian Federation	12.3	12.6	8.7	15.1	51.3	24.9
Slovakia	1.5	7.8	3.2	11.5	76.0	9.3
Slovenia	8.6	11.6	5.3	14.6	59.9	20.2
Spain	4.5	8.6	4.5	12.8	69.6	13.1
Sweden	4.9	15.3	3.3	17.9	58.5	20.2
Turkey	7.5	15.7	7.0	16.7	53.1	23.2
Ukraine	8.5	11.5	5.0	13.3	61.8	20.0
United Kingdom	1.7	9.1	4.1	16.4	68.7	10.8

Appendix 2b: Disability Prevalence among Adult Women by Country (Not standardized)

	At least two severe or extreme limitations (a)	One severe or extreme limitation (b)	At least two moderate limitations (c)	One moderate limitation (d)	No limitation (e)	Disability (a) + (b)
<u>Africa</u>						
Burkina Faso	2.8	8.9	3.1	9.1	76.1	11.7
Chad	4.1	7.3	9.8	16.6	62.2	11.4
Ethiopia	4.7	9.5	5.4	11.9	68.6	14.2
Ghana	2.9	10.3	4.7	18.2	63.9	13.2
Kenya	3.2	7.2	4.6	13.3	71.6	10.4
Mauritania	6.0	10.8	12.3	12.9	58.0	16.8
Malawi	5.3	10.2	2.4	9.8	72.3	15.5
Mauritius	7.0	10.6	1.1	7.1	74.2	17.6
Morocco	13.1	24.4	3.9	15.5	43.2	37.5
Namibia	7.1	13.2	6.8	13.4	59.6	20.3
Senegal	1.8	13.8	7.6	15.7	61.1	15.6
South Africa	5.6	11.0	7.0	12.3	64.2	16.6
Swaziland	16.0	16.3	5.1	12.6	50.1	32.3
Tunisia	5.6	9.2	5.8	12.7	66.8	14.8
Zambia	2.7	6.4	6.3	10.6	74.0	9.1
Zimbabwe	5.5	10.3	4.0	13.8	66.4	15.8
<u>Americas</u>						
Brazil	5.9	15.8	4.5	18.6	55.2	21.7
Dominican Republic	4.3	11.0	4.7	15.2	64.8	15.3
Ecuador	3.5	9.6	5.2	14.4	67.4	13.1
Guatemala	6.4	14.3	4.0	14.6	60.7	20.7
Mexico	2.3	7.1	3.6	11.8	75.2	9.4
Paraguay	3.2	9.3	4.4	17.2	65.9	12.5
Uruguay	0.5	6.6	1.4	10.1	81.3	7.1
<u>Asia</u>						
Bangladesh	13.6	14.5	10.9	16.0	45.1	28.1
China	1.2	2.5	3.8	8.4	84.1	3.7
India	13.9	17.0	4.8	8.7	55.6	30.9
Lao People's Democratic F	1.6	4.0	4.3	10.7	79.5	5.6
Malaysia	0.7	2.3	2.0	7.1	87.9	3.0
Myanmar	1.4	3.2	3.0	9.6	82.8	4.6
Nepal	9.6	13.8	3.8	10.6	62.2	23.4
Pakistan	3.1	7.9	6.4	12.3	70.4	11.0
Phillippines	2.8	9.1	23.4	20.2	44.4	11.9
Sri Lanka	5.4	5.7	5.8	10.9	72.2	11.1
United Arab Emirates	1.5	7.1	4.7	13.9	72.8	8.6
Viet Nam	0.8	4.3	2.8	6.1	86.0	5.1
<u>Europe</u>						
Austria	0.5	2.8	2.2	8.5	86.1	3.3
Belgium	1.8	8.7	2.4	14.9	72.3	10.5
Bosnia and Herzegovina	8.8	12.3	5.3	13.4	60.3	21.1
Croatia	6.7	11.2	7.2	16.2	58.6	17.9
Czech Republic	6.2	6.8	3.7	16.0	67.3	13.0
Denmark	1.7	4.4	2.7	13.6	77.5	6.1
Estonia	6.0	7.1	3.4	12.6	70.9	13.1
Finland	1.2	5.9	2.1	14.4	76.3	7.1
France	2.8	3.5	6.4	12.7	74.7	6.3
Georgia	8.5	11.4	7.2	14.9	58.0	19.9
Germany	2.2	8.0	5.9	13.3	70.6	10.2
Greece	7.0	8.2	6.1	14.3	64.3	15.2
Hungary	4.2	13.4	2.3	11.0	69.0	17.6
Ireland	0.8	2.8	3.0	6.3	87.0	3.6
Israel	5.7	10.2	4.9	16.8	62.4	15.9
Italy	3.5	6.9	6.2	13.0	70.5	10.4
Kazakhstan	1.0	5.4	4.7	14.4	74.6	6.4
Latvia	9.5	17.0	7.5	13.8	52.3	26.5
Luxembourg	0.8	7.6	6.2	16.7	68.6	8.4
Netherlands	2.2	6.8	4.2	18.0	68.8	9.0
Norway	0.4	4.7	1.4	12.2	81.3	5.1
Portugal	5.6	9.0	9.8	17.8	57.8	14.6
Russian Federation	12.3	12.6	8.7	15.1	51.3	24.9
Slovakia	1.5	7.8	3.2	11.5	76.0	9.3
Slovenia	8.6	11.6	5.3	14.6	59.9	20.2
Spain	4.5	8.6	4.5	12.8	69.6	13.1
Sweden	4.9	15.3	3.3	17.9	58.5	20.2
Turkey	7.5	15.7	7.0	16.7	53.1	23.2
Ukraine	8.5	11.5	5.0	13.3	61.8	20.0
United Kingdom	1.7	9.1	4.1	16.4	68.7	10.8

Appendix 2c: Disability Prevalence among Adult Men by Country (Not standardized)

	At least two severe or extreme limitations (a)	One severe or extreme limitation (b)	At least two moderate limitations (c)	One moderate limitation (d)	No limitation (e)	Disability (a) + (b)
<u>Africa</u>						
Burkina Faso	3.4	6.2	3.1	8.6	78.7	9.6
Chad	4.6	5.6	7.0	13.7	69.1	10.2
Ethiopia	3.6	7.9	4.7	10.5	73.3	11.5
Ghana	3.2	7.4	3.1	12.2	74.1	10.6
Kenya	1.4	5.1	3.1	12.7	77.7	6.5
Mauritania	5.2	8.6	11.7	11.5	63.0	13.8
Malawi	4.3	10.9	2.0	6.9	75.9	15.2
Mauritius	4.0	7.1	1.2	6.4	81.2	11.1
Morocco	6.7	13.2	3.1	12.1	64.8	19.9
Namibia	6.0	9.2	4.2	10.7	69.9	15.2
Senegal	2.9	7.8	7.4	10.7	71.3	10.7
South Africa	3.7	9.7	4.7	10.9	71.1	13.4
Swaziland	16.2	12.9	6.0	10.6	54.3	29.1
Tunisia	3.8	6.7	2.2	10.1	77.2	10.5
Zambia	1.9	3.8	4.7	12.0	77.6	5.7
Zimbabwe	5.1	9.8	2.9	9.3	72.9	14.9
<u>Americas</u>						
Brazil	3.5	10.5	3.4	14.0	68.6	14.0
Dominican Republic	2.7	6.6	1.4	8.9	80.4	9.3
Ecuador	2.2	7.3	3.6	10.7	76.2	9.5
Guatemala	4.0	11.2	2.1	13.4	69.3	15.2
Mexico	1.9	4.6	2.4	8.8	82.3	6.5
Paraguay	1.2	5.3	3.3	12.7	77.5	6.5
Uruguay	0.5	3.4	1.3	8.3	86.5	3.9
<u>Asia</u>						
Bangladesh	5.2	9.4	6.4	13.9	65.2	14.6
China	1.1	2.4	2.5	8.0	86.0	3.5
India	7.1	12.4	3.7	8.6	68.3	19.5
Lao People's Democratic	1.4	3.9	3.1	8.3	83.4	5.3
Malaysia	0.8	2.0	2.3	6.3	88.5	2.8
Myanmar	0.9	2.5	2.9	6.9	86.8	3.4
Nepal	7.1	11.3	3.0	9.2	69.4	18.4
Pakistan	1.4	3.5	2.4	5.8	86.9	4.9
Phillipines	2.6	7.5	23.5	18.5	47.8	10.1
Sri Lanka	2.5	3.9	3.8	8.6	81.2	6.4
United Arab Emirates	1.1	2.9	3.3	6.8	86.0	4.0
Viet Nam	1.3	3.9	1.6	9.1	84.1	5.2
<u>Europe</u>						
Austria	0.8	2.3	3.1	9.5	84.4	3.1
Belgium	0.5	4.8	3.5	12.2	79.0	5.3
Bosnia and Herzegovina	7.0	7.1	7.6	13.2	65.1	14.1
Croatia	5.7	9.2	6.8	14.0	64.4	14.9
Czech Republic	4.7	8.8	2.8	15.0	68.8	13.5
Denmark	1.1	3.8	1.7	15.2	78.2	4.9
Estonia	3.1	7.6	5.8	12.2	71.3	10.7
Finland	1.3	5.9	3.4	12.1	77.4	7.2
France	0.2	3.4	4.4	7.5	84.6	3.6
Georgia	3.9	7.6	6.2	14.6	67.6	11.5
Germany	2.4	6.3	3.0	12.7	75.6	8.7
Greece	3.9	5.3	3.9	10.1	76.8	9.2
Hungary	5.3	6.7	1.8	11.3	74.8	12.0
Ireland	0.8	0.9	1.9	5.3	91.2	1.7
Israel	4.4	4.6	5.9	11.3	73.7	9.0
Italy	1.4	4.5	3.3	8.7	82.0	5.9
Kazakhstan	2.0	5.3	3.8	14.0	75.0	7.3
Latvia	6.8	12.1	5.9	13.4	61.8	18.9
Luxembourg	0.0	6.7	2.9	14.4	76.0	6.7
Netherlands	0.0	3.2	2.9	10.6	83.4	3.2
Norway	0.7	6.3	1.7	11.5	79.8	7.0
Portugal	2.4	6.8	5.3	10.8	74.7	9.2
Russian Federation	7.3	8.8	7.4	11.6	64.9	16.1
Slovakia	0.3	10.1	1.2	13.9	74.5	10.4
Slovenia	4.2	11.1	2.7	13.4	68.7	15.3
Spain	3.6	6.5	3.1	9.6	77.3	10.1
Sweden	2.8	11.3	2.1	12.7	71.0	14.1
Turkey	4.2	9.1	4.4	13.3	69.0	13.3
Ukraine	3.3	6.9	4.2	8.8	76.9	10.2
United Kingdom	3.7	5.9	5.7	14.6	70.1	9.6

Appendix 3a: Disability Prevalence among Working Age Adults (18-64) by Country (Not standardized)

	At least two severe or extreme limitations	One severe or extreme limitation	At least two moderate limitations	One moderate limitation	No limitation	Disability
	(a)	(b)	(c)	(d)	(e)	(a) + (b)
<u>Africa</u>						
Burkina Faso	2.1	6.4	2.4	8.2	81.0	8.5
Chad	3.1	5.6	7.7	15.1	68.5	8.7
Ethiopia	3.2	8.0	4.6	11.1	73.0	11.2
Ghana	1.5	7.6	2.9	14.4	73.5	9.1
Kenya	1.3	4.9	3.2	12.6	78.0	6.2
Mauritania	4.1	9.5	11.1	12.6	62.6	13.6
Malawi	3.7	9.8	1.7	8.0	76.8	13.5
Mauritius	3.5	8.3	0.9	6.3	81.0	11.8
Morocco	7.3	18.3	3.2	14.0	57.2	25.6
Namibia	4.8	10.4	4.9	11.8	68.1	15.2
Senegal	1.1	10.0	6.8	12.4	69.8	11.1
South Africa	4.1	9.5	5.5	11.4	69.5	13.6
Swaziland	12.7	14.2	5.4	11.9	55.7	26.9
Tunisia	2.5	6.2	3.0	10.9	77.3	8.7
Zambia	1.5	4.2	5.2	10.8	78.3	5.7
Zimbabwe	3.6	8.4	2.7	11.8	73.5	12.0
<u>Americas</u>						
Brazil	3.6	11.8	3.6	16.7	64.2	15.4
Dominican Republic	2.3	7.8	3.0	12.1	74.9	10.1
Ecuador	2.0	7.5	3.7	12.6	74.2	9.5
Guatemala	3.7	11.7	3.1	13.8	67.7	15.4
Mexico	1.1	4.8	2.2	9.8	82.1	5.9
Paraguay	1.6	5.9	3.4	14.5	74.6	7.5
Uruguay	0.4	4.6	0.6	7.8	86.6	5.0
<u>Asia</u>						
Bangladesh	6.8	10.9	8.6	15.3	58.4	17.7
China	0.4	1.3	1.9	6.6	89.9	1.7
India	7.6	13.0	3.9	8.5	66.9	20.6
Lao People's Democratic Rep	0.7	3.1	3.0	8.9	84.3	3.8
Malaysia	0.3	1.7	1.8	5.9	90.2	2.0
Myanmar	0.4	1.6	2.1	7.4	88.5	2.0
Nepal	5.5	11.2	3.1	10.1	70.1	16.7
Pakistan	1.2	4.0	3.4	7.9	83.4	5.2
Phillipines	1.9	7.4	23.3	19.7	47.7	9.3
Sri Lanka	2.2	3.6	3.7	9.2	81.3	5.8
United Arab Emirates	0.9	4.7	3.6	10.2	80.6	5.6
Viet Nam	0.3	3.1	1.5	6.4	88.8	3.4
<u>Europe</u>						
Austria	0.6	1.7	1.3	7.9	88.6	2.3
Belgium	0.6	5.5	1.7	12.9	79.3	6.1
Bosnia and Herzegovina	4.7	7.0	5.5	13.1	69.7	11.7
Croatia	2.9	6.9	6.0	15.0	69.3	9.8
Czech Republic	2.2	3.7	1.9	12.9	79.3	5.9
Denmark	0.8	2.2	1.6	12.1	83.3	3.0
Estonia	1.9	4.9	3.0	9.4	80.9	6.8
Finland	0.5	4.1	1.6	9.4	84.4	4.6
France	0.3	2.5	2.8	8.6	85.8	2.8
Georgia	2.7	7.2	4.5	13.1	72.4	9.9
Germany	1.4	6.1	2.9	10.7	78.8	7.5
Greece	2.6	3.8	1.5	10.5	81.6	6.4
Hungary	1.8	7.7	1.3	9.3	80.0	9.5
Ireland	0.8	1.9	1.5	4.4	91.4	2.7
Israel	3.3	7.1	4.6	13.1	71.9	10.4
Italy	0.5	3.6	3.5	9.6	82.7	4.1
Kazakhstan	0.5	3.4	2.8	13.0	80.2	3.9
Latvia	4.8	8.8	3.8	14.6	68.1	13.6
Luxembourg	0.3	5.6	4.6	13.9	75.6	5.9
Netherlands	1.2	5.6	3.4	14.7	75.1	6.8
Norway	0.4	4.6	1.5	10.4	83.1	5.0
Portugal	2.4	5.8	6.1	12.8	72.9	8.2
Russian Federation	3.3	6.1	5.0	13.6	72.1	9.4
Slovakia	0.2	7.9	2.3	12.3	77.4	8.1
Slovenia	4.3	10.0	3.0	12.6	70.1	14.3
Spain	1.6	5.4	2.2	9.1	81.7	7.0
Sweden	3.8	13.9	2.6	13.7	66.0	17.7
Turkey	4.2	11.7	5.1	15.3	63.8	15.9
Ukraine	4.3	7.9	3.1	10.9	73.8	12.2
United Kingdom	1.9	7.0	3.6	12.7	74.9	8.9

Appendix 3b: Disability Prevalence among Working Age Women (18-64) by Country (Not standardized)

	At least two severe or extreme limitations (a)	One severe or extreme limitation (b)	At least two moderate limitations (c)	One moderate limitation (d)	No limitation (e)	Disability (a) + (b)
<u>Africa</u>						
Burkina Faso	2.1	7.6	2.8	8.7	78.8	9.7
Chad	3.1	6.5	9.3	16.7	64.4	9.6
Ethiopia	3.3	8.7	4.6	11.9	71.4	12.0
Ghana	1.8	9.2	3.8	17.0	68.2	11.0
Kenya	1.7	6.3	4.0	13.3	74.6	8.0
Mauritania	4.3	11.0	11.3	13.0	60.2	15.3
Malawi	3.8	9.5	1.8	9.4	75.4	13.3
Mauritius	4.5	10.0	1.1	6.6	77.8	14.5
Morocco	10.6	24.3	3.5	16.0	45.6	34.9
Namibia	4.9	11.8	5.8	13.5	63.9	16.7
Senegal	1.0	12.9	6.5	15.9	63.7	13.9
South Africa	5.0	10.1	6.7	12.3	65.8	15.1
Swaziland	13.0	15.6	4.9	12.7	53.8	28.6
Tunisia	3.3	7.7	4.6	12.2	72.1	11.0
Zambia	1.7	5.5	6.1	10.4	76.3	7.2
Zimbabwe	4.2	9.2	3.0	13.4	70.1	13.4
<u>Americas</u>						
Brazil	5.0	14.1	4.1	18.8	58.0	19.1
Dominican Republic	2.9	9.6	4.5	15.0	68.1	12.5
Ecuador	2.7	9.0	4.6	14.3	69.4	11.7
Guatemala	4.6	13.3	3.8	14.7	63.7	17.9
Mexico	1.2	5.8	2.8	11.2	78.9	7.0
Paraguay	2.5	7.8	3.9	16.2	69.7	10.3
Uruguay	0.5	6.3	0.5	8.6	84.2	6.8
<u>Asia</u>						
Bangladesh	10.5	13.8	10.9	16.7	48.2	24.3
China	0.3	1.5	2.4	6.9	88.9	1.8
India	11.2	15.4	4.9	9.1	59.5	26.6
Lao People's Democratic Rep	0.8	3.3	3.5	10.3	82.0	4.1
Malaysia	0.2	1.7	1.6	6.2	90.3	1.9
Myanmar	0.3	1.8	2.5	8.4	87.0	2.1
Nepal	6.8	12.5	3.4	10.9	66.3	19.3
Pakistan	1.7	7.0	5.9	12.5	73.0	8.7
Philippines	2.2	8.0	23.1	20.5	46.2	10.2
Sri Lanka	3.2	4.1	4.2	10.9	77.6	7.3
United Arab Emirates	0.8	6.9	4.5	14.2	73.6	7.7
Viet Nam	0.0	3.7	1.9	5.4	89.0	3.7
<u>Europe</u>						
Austria	0.4	1.5	0.7	7.5	89.9	1.9
Belgium	1.0	6.3	1.7	13.3	77.7	7.3
Bosnia and Herzegovina	4.7	9.5	4.0	12.8	69.0	14.2
Croatia	2.9	8.5	7.0	16.4	65.2	11.4
Czech Republic	2.0	3.2	1.7	14.9	78.2	5.2
Denmark	0.8	2.3	1.8	11.5	83.7	3.1
Estonia	2.0	4.6	2.3	9.6	81.4	6.6
Finland	0.5	3.8	1.2	8.6	85.9	4.3
France	0.6	2.0	3.1	11.1	83.2	2.6
Georgia	3.6	8.4	4.6	14.0	69.4	12.0
Germany	1.4	7.0	3.3	10.5	77.8	8.4
Greece	3.8	3.2	2.6	14.1	76.3	7.0
Hungary	2.0	9.8	1.4	9.4	77.4	11.8
Ireland	0.8	3.1	1.7	4.4	90.1	3.9
Israel	3.6	9.9	4.4	15.0	67.2	13.5
Italy	0.7	3.8	5.2	11.4	78.9	4.5
Kazakhstan	0.2	3.3	3.3	13.8	79.3	3.5
Latvia	4.9	10.2	3.7	14.2	67.0	15.1
Luxembourg	0.7	5.5	5.8	14.7	73.4	6.2
Netherlands	1.8	6.8	4.0	17.0	70.4	8.6
Norway	0.3	4.0	1.1	10.2	84.5	4.3
Portugal	3.6	6.3	7.6	15.9	66.7	9.9
Russian Federation	3.0	7.2	5.5	15.6	68.7	10.2
Slovakia	0.0	7.2	3.0	11.2	78.6	7.2
Slovenia	6.4	10.7	3.8	15.0	64.1	17.1
Spain	1.8	5.9	2.6	10.7	79.1	7.7
Sweden	4.4	16.4	3.1	18.0	58.0	20.8
Turkey	5.6	14.6	6.3	17.0	56.5	20.2
Ukraine	6.3	9.4	3.5	12.9	67.9	15.7
United Kingdom	1.2	7.5	3.4	13.5	74.3	8.7

Appendix 3c: Disability Prevalence among Working Age Men (18-64) by Country (Not standardized)

	At least two severe or extreme limitations	One severe or extreme limitation	At least two moderate limitations	One moderate limitation	No limitation	Disability
	(a)	(b)	(c)	(d)	(e)	(a) + (b)
<u>Africa</u>						
Burkina Faso	2.1	5.0	1.9	7.6	83.4	7.1
Chad	3.1	4.7	6.1	13.3	72.8	7.8
Ethiopia	3.1	7.4	4.6	10.4	74.5	10.5
Ghana	1.1	5.8	1.8	11.3	80.0	6.9
Kenya	0.8	3.4	2.4	11.9	81.5	4.2
Mauritania	3.7	7.7	10.8	11.9	65.9	11.4
Malawi	3.6	10.0	1.6	6.2	78.5	13.6
Mauritius	2.5	6.6	0.7	6.0	84.2	9.1
Morocco	4.0	12.2	2.9	11.9	69.0	16.2
Namibia	4.7	8.3	3.5	9.5	74.0	13.0
Senegal	1.1	7.1	7.0	9.5	75.2	8.2
South Africa	3.2	8.8	4.1	10.5	73.4	12.0
Swaziland	12.5	12.5	5.9	10.9	58.2	25.0
Tunisia	1.7	4.7	1.4	9.4	82.8	6.4
Zambia	1.3	2.7	4.2	11.1	80.6	4.0
Zimbabwe	2.8	7.1	2.2	9.3	78.6	9.9
<u>Americas</u>						
Brazil	2.0	9.1	3.0	14.1	71.8	11.1
Dominican Republic	1.6	5.7	1.2	8.7	82.9	7.3
Ecuador	1.1	5.4	2.3	10.2	81.0	6.5
Guatemala	2.3	9.0	1.9	12.4	74.5	11.3
Mexico	0.9	3.3	1.5	7.9	86.3	4.2
Paraguay	0.5	3.7	2.7	12.6	80.5	4.2
Uruguay	0.4	2.7	0.7	6.9	89.3	3.1
<u>Asia</u>						
Bangladesh	2.9	7.8	6.2	13.7	69.4	10.7
China	0.5	1.0	1.4	6.3	90.9	1.5
India	4.7	11.1	3.1	8.1	72.9	15.8
Lao People's Democratic Rep	0.6	3.0	2.3	7.3	86.8	3.6
Malaysia	0.5	1.7	2.1	5.5	90.2	2.2
Myanmar	0.4	1.4	1.7	6.1	90.4	1.8
Nepal	3.9	9.6	2.8	9.1	74.6	13.5
Pakistan	1.0	2.1	1.9	5.1	89.9	3.1
Phillippines	1.5	6.6	23.6	18.8	49.4	8.1
Sri Lanka	1.1	3.2	3.1	7.5	85.2	4.3
United Arab Emirates	1.0	2.7	2.7	6.5	87.1	3.7
Viet Nam	0.6	2.4	1.0	7.4	88.5	3.0
<u>Europe</u>						
Austria	0.9	2.0	2.3	8.4	86.3	2.9
Belgium		4.5	1.6	12.4	81.5	4.5
Bosnia and Herzegovina	4.7	4.4	7.1	13.3	70.5	9.1
Croatia	2.7	4.5	4.6	12.9	75.3	7.2
Czech Republic	2.3	4.3	2.2	10.7	80.5	6.6
Denmark	0.8	2.2	1.4	12.8	82.9	3.0
Estonia	1.5	5.3	4.2	9.0	80.0	6.8
Finland	0.6	4.4	2.1	10.4	82.5	5.0
France		3.0	2.5	6.1	88.4	3.0
Georgia	1.7	5.7	4.4	12.1	76.1	7.4
Germany	1.5	4.8	2.4	11.0	80.3	6.3
Greece	0.9	4.5		5.5	89.1	5.4
Hungary	1.5	4.6	1.2	9.1	83.7	6.1
Ireland	0.9	0.5	1.2	4.4	93.0	1.4
Israel	3.1	4.3	4.7	11.1	76.7	7.4
Italy	0.3	3.4	1.4	7.5	87.4	3.7
Kazakhstan	1.0	3.6	1.8	11.5	82.1	4.6
Latvia	4.5	6.3	3.9	15.2	70.1	10.8
Luxembourg		5.7	3.4	13.1	77.8	5.7
Netherlands		3.3	2.3	10.0	84.4	3.3
Norway	0.5	5.2	1.8	10.7	81.7	5.7
Portugal	0.8	5.0	4.0	8.3	81.9	5.8
Russian Federation	3.8	4.3	4.1	10.1	77.8	8.1
Slovakia	0.3	9.0	1.2	13.9	75.5	9.3
Slovenia	2.0	9.3	2.0	9.8	77.0	11.3
Spain	1.4	4.6	1.6	6.9	85.4	6.0
Sweden	2.8	10.0	1.8	6.9	78.4	12.8
Turkey	2.3	7.7	3.5	12.9	73.5	10.0
Ukraine	0.8	5.0	2.4	7.2	84.6	5.8
United Kingdom	3.2	6.0	3.9	11.0	75.9	9.2

Appendix 4a: Disability Prevalence among Older Adults (65 and older) by Country (Not standardized)

	At least two severe or extreme limitations	One severe or extreme limitation	At least two moderate limitations	One moderate limitation	No limitation	Disability (a) + (b)
	(a)	(b)	(c)	(d)	(e)	
<u>Africa</u>						
Burkina Faso	16.1	23.6	12.6	17.8	29.9	39.7
Chad	20.1	16.5	17.3	16.5	29.5	36.6
Ethiopia	18.8	18.3	11.7	12.6	38.6	37.1
Ghana	15.5	19.7	12.8	24.1	28.0	35.2
Kenya	18.4	24.9	13.4	19.3	23.9	43.3
Mauritania	25.0	12.8	23.7	9.2	29.3	37.8
Malawi	18.6	19.8	8.1	14.2	39.3	38.4
Mauritius	26.9	14.8	3.6	11.6	43.1	41.7
Morocco	35.7	22.9	6.5	11.9	23.0	58.6
Namibia	21.8	21.4	12.9	16.3	27.7	43.2
Senegal	17.1	18.3	15.5	18.7	30.4	35.4
Swaziland	45.8	19.6	6.7	9.4	18.6	65.4
South Africa	13.2	24.2	13.3	14.4	35.0	37.4
Tunisia	21.9	21.6	11.9	15.8	28.8	43.5
Zambia	14.7	20.4	10.8	19.6	34.6	35.1
Zimbabwe	23.1	27.5	12.2	14.8	22.3	50.6
<u>Americas</u>						
Brazil	15.3	26.9	7.7	14.6	35.6	42.2
Dominican Republic	15.4	19.6	4.8	13.9	46.2	35.0
Ecuador	11.1	18.8	11.9	15.0	43.2	29.9
Guatemala	21.2	25.6	4.4	16.8	32.0	46.8
Mexico	10.2	16.3	9.9	16.2	47.4	26.5
Paraguay	9.1	22.9	9.4	20.3	38.2	32.0
Uruguay	1.1	7.9	6.1	18.3	66.6	9.0
<u>Asia</u>						
Bangladesh	38.2	24.0	9.4	11.8	16.7	62.2
China	6.1	10.0	11.3	18.8	53.8	16.1
India	33.5	27.3	6.6	9.5	23.1	60.8
Lao People's Democratic Rep	12.1	14.1	12.9	18.0	42.9	26.2
Malaysia	5.9	8.2	6.0	17.4	62.4	14.1
Myanmar	8.2	14.5	10.2	17.7	49.3	22.7
Nepal	36.6	26.7	6.9	8.5	21.3	63.3
Pakistan	10.9	18.8	9.6	11.8	48.9	29.7
Phillipines	14.4	21.5	25.2	15.8	23.2	35.9
Sri Lanka	19.7	14.7	15.2	14.3	36.2	34.4
United Arab Emirates	13.9	10.0	17.2	9.7	49.2	23.9
Viet Nam	7.8	14.6	9.7	19.2	48.7	22.4
<u>Europe</u>						
Austria	0.7	8.1	9.5	14.9	66.9	8.8
Belgium	4.5	14.2	8.4	17.4	55.5	18.7
Bosnia and Herzegovina	23.1	23.0	10.4	14.4	29.0	46.1
Croatia	20.0	24.4	11.1	16.5	28.0	44.4
Czech Republic	16.5	21.0	7.7	24.2	30.6	37.5
Denmark	3.4	10.3	4.3	21.9	60.1	13.7
Estonia	15.7	15.5	8.5	22.9	37.4	31.2
Finland	3.1	10.5	5.3	23.4	57.7	13.6
France	6.3	7.0	15.4	16.3	55.1	13.3
Georgia	21.1	19.6	15.6	21.3	22.4	40.7
Germany	4.6	10.5	9.8	19.7	55.4	15.1
Greece	9.7	11.4	10.3	15.1	53.5	21.1
Hungary	13.3	19.5	4.4	16.8	46.0	32.8
Ireland	0.7	2.2	10.1	17.1	69.8	2.9
Israel	15.3	9.7	10.3	20.6	44.2	25.0
Italy	9.9	13.5	9.9	16.7	50.0	23.4
Kazakhstan	10.2	26.0	21.0	27.0	15.7	36.2
Latvia	18.0	31.6	14.8	11.4	24.2	49.6
Luxembourg	1.0	16.3	4.8	25.0	52.9	17.3
Netherlands	3.0	5.5	5.5	20.6	65.5	8.5
Norway	1.2	9.1	1.9	17.8	69.9	10.3
Portugal	10.1	15.2	13.6	21.7	39.5	25.3
Russian Federation	27.2	23.2	15.8	14.5	19.3	50.4
Slovakia	20.0	26.9	4.9	16.7	31.5	46.9
Slovenia	14.3	15.9	7.9	19.0	42.9	30.2
Spain	11.2	14.4	8.9	18.0	47.5	25.6
Sweden	4.7	13.0	3.5	22.0	56.9	17.7
Turkey	21.6	22.5	12.1	14.8	29.1	44.1
Ukraine	18.0	19.9	12.5	15.8	33.8	37.9
United Kingdom	3.8	10.1	7.5	23.1	55.5	13.9

Appendix 4b: Disability Prevalence among Older Women (65 and older) by Country (Not standardized)

	At least two severe or extreme limitations (a)	One severe or extreme limitation (b)	At least two moderate limitations (c)	One moderate limitation (d)	No limitation (e)	Disability (a) + (b)
<u>Africa</u>						
Burkina Faso	16.1	33.4	9.6	16.8	24.1	49.5
Chad	21.4	19.4	18.1	14.6	26.6	40.8
Ethiopia	24.2	19.9	16.5	12.0	27.4	44.1
Ghana	12.5	20.1	12.6	28.4	26.4	32.6
Kenya	26.8	21.2	14.3	13.6	24.1	48.0
Mauritania	32.2	7.7	27.4	10.2	22.6	39.9
Malawi	25.0	19.5	9.9	14.1	31.5	44.5
Mauritius	30.7	15.7	1.2	11.8	40.6	46.4
Morocco	48.5	26.0	9.1	7.6	8.8	74.5
Namibia	24.9	24.1	14.4	12.4	24.3	49.0
Senegal	12.6	25.1	22.6	13.5	26.3	37.7
Swaziland	49.5	23.9	6.7	11.1	8.7	73.4
South Africa	14.9	24.3	12.1	11.5	37.2	39.2
Tunisia	25.3	21.4	16.1	16.5	20.7	46.7
Zambia	20.0	20.9	9.8	14.1	35.1	40.9
Zimbabwe	21.2	22.2	15.2	18.8	22.6	43.4
<u>Americas</u>						
Brazil	14.5	32.6	8.8	16.0	28.1	47.1
Dominican Republic	18.1	24.2	6.5	16.7	34.4	42.3
Ecuador	11.8	15.5	10.3	14.9	47.5	27.3
Guatemala	27.2	25.5	5.4	14.2	27.6	52.7
Mexico	11.0	18.1	10.5	16.7	43.7	29.1
Paraguay	10.4	25.9	9.9	27.0	26.9	36.3
Uruguay	0.9	8.7	6.9	19.6	63.8	9.6
<u>Asia</u>						
Bangladesh	54.8	23.8	10.7	6.6	4.1	78.6
China	7.3	9.1	13.4	19.0	51.2	16.4
India	38.6	31.1	4.4	5.3	20.5	69.7
Lao People's Democratic Rep	12.7	12.5	13.6	15.7	45.6	25.2
Malaysia	6.9	10.0	6.9	18.2	57.9	16.9
Myanmar	10.3	15.7	7.6	20.3	46.1	26.0
Nepal	40.1	27.6	9.2	7.0	16.0	67.7
Pakistan	22.4	20.3	13.1	9.7	34.6	42.7
Philippines	10.5	22.7	27.7	16.3	22.8	33.2
Sri Lanka	23.6	18.8	19.2	11.0	27.4	42.4
United Arab Emirates	31.9	15.9	16.2	1.3	34.7	47.8
Viet Nam	8.9	12.3	13.3	14.1	51.4	21.2
<u>Europe</u>						
Austria	1.0	9.9	9.9	13.9	65.3	10.9
Belgium	5.4	19.4	5.4	21.5	48.4	24.8
Bosnia and Herzegovina	24.7	22.7	10.2	15.3	27.1	47.4
Croatia	23.3	23.0	8.1	15.6	30.0	46.3
Czech Republic	20.0	18.5	10.4	19.5	31.6	38.5
Denmark	4.7	10.9	5.5	20.3	58.6	15.6
Estonia	19.6	15.5	6.9	22.4	35.6	35.1
Finland	3.0	11.0	4.3	28.5	53.1	14.0
France	9.9	8.3	16.9	17.8	47.1	18.2
Georgia	26.3	22.1	16.6	18.2	16.8	48.4
Germany	4.5	10.7	13.6	21.5	49.7	15.2
Greece	12.5	17.0	12.5	14.8	43.2	29.5
Hungary	10.9	23.7	4.9	15.7	44.7	34.6
Ireland	1.5	0.6	13.9	23.2	60.8	2.1
Israel	16.7	12.1	7.2	26.2	37.8	28.8
Italy	11.6	15.6	8.8	17.7	46.3	27.2
Kazakhstan	10.0	30.3	20.9	21.1	17.7	40.3
Latvia	19.3	31.6	15.5	12.8	20.9	50.9
Luxembourg	1.7	18.3	8.3	26.7	45.0	20.0
Netherlands	4.3	6.8	5.1	23.1	60.7	11.1
Norway	0.8	7.2	2.6	19.7	69.7	8.0
Portugal	12.3	17.8	17.0	24.3	28.6	30.1
Russian Federation	31.6	24.0	15.2	14.0	15.2	55.6
Slovakia	29.9	21.5	7.3	17.7	23.6	51.4
Slovenia	16.2	14.7	10.3	13.2	45.6	30.9
Spain	12.7	16.8	10.5	19.2	40.8	29.5
Sweden	6.4	11.7	4.1	17.5	60.4	18.1
Turkey	26.8	26.9	14.4	13.3	18.6	53.7
Ukraine	19.2	21.9	12.4	15.2	31.3	41.1
United Kingdom	3.2	13.7	6.3	24.7	52.1	16.9

Appendix 4c: Disability Prevalence among Older Men (65 and older) by Country (Not standardized)

	At least two severe or extreme limitations (a)	One severe or extreme limitation (b)	At least two moderate limitations (c)	One moderate limitation (d)	No limitation (e)	Disability (a) + (b)
<u>Africa</u>						
Burkina Faso	16.1	17.9	14.3	18.4	33.3	34.0
Chad	19.4	14.7	16.8	17.8	31.4	34.1
Ethiopia	12.3	16.4	6.0	13.3	51.9	28.7
Ghana	18.7	19.2	13.0	19.5	29.6	37.9
Kenya	10.6	28.4	12.6	24.6	23.7	39.0
Mauritania	19.6	17.2	20.1	7.7	35.4	36.8
Malawi	12.2	20.1	6.2	14.3	47.2	32.3
Mauritius	22.3	13.8	6.5	11.3	46.0	36.1
Morocco	28.6	21.2	5.0	14.3	30.9	49.8
Namibia	17.1	17.3	10.6	22.2	32.8	34.4
Senegal	19.9	14.2	11.2	22.0	32.7	34.1
Swaziland	42.8	16.0	6.6	8.0	26.6	58.8
South Africa	11.3	24.0	14.6	17.6	32.5	35.3
Tunisia	18.9	21.8	8.1	15.1	36.0	40.7
Zambia	9.5	19.8	11.7	24.9	34.1	29.3
Zimbabwe	25.5	33.7	8.7	10.2	21.9	59.2
<u>Americas</u>						
Brazil	16.1	21.2	6.5	13.2	43.0	37.3
Dominican Republic	12.5	14.7	3.1	11.0	58.7	27.2
Ecuador	10.3	22.5	13.8	15.1	38.3	32.8
Guatemala	15.3	25.6	3.3	19.4	36.4	40.9
Mexico	9.1	14.1	9.2	15.6	52.0	23.2
Paraguay	7.8	19.9	8.9	13.3	50.1	27.7
Uruguay	1.2	7.1	5.1	16.9	69.8	8.3
<u>Asia</u>						
Bangladesh	25.8	24.1	8.3	15.7	26.1	49.9
China	5.0	10.9	9.3	18.6	56.2	15.9
India	29.1	24.1	8.4	13.1	25.3	53.2
Lao People's Democratic Rep	11.6	15.8	12.2	20.5	39.9	27.4
Malaysia	4.7	5.9	5.0	16.5	68.0	10.6
Myanmar	5.5	13.0	13.7	14.4	53.4	18.5
Nepal	33.4	25.9	4.8	9.8	26.1	59.3
Pakistan	5.4	18.1	8.0	12.8	55.7	23.5
Philippines	19.5	19.9	21.8	15.0	23.8	39.4
Sri Lanka	15.2	10.0	10.7	18.1	45.9	25.2
United Arab Emirates	5.2	7.1	17.6	13.8	56.3	12.3
Viet Nam	6.8	16.6	6.6	23.5	46.4	23.4
<u>Europe</u>						
Austria		4.3	8.5	17.0	70.2	4.3
Belgium	3.2	6.5	12.9	11.3	66.1	9.7
Bosnia and Herzegovina	20.6	23.5	10.7	13.0	32.2	44.1
Croatia	16.2	26.0	14.5	17.6	25.8	42.2
Czech Republic	12.6	23.8	4.7	29.5	29.4	36.4
Denmark	1.9	9.5	2.9	23.8	61.9	11.4
Estonia	8.5	15.6	11.4	23.7	40.8	24.1
Finland	3.2	9.8	6.6	16.5	63.9	13.0
France	0.9	5.1	13.0	14.2	66.7	6.0
Georgia	13.5	16.0	14.0	25.8	30.8	29.5
Germany	4.7	10.2	4.7	17.2	63.3	14.9
Greece	7.2	6.2	8.2	15.5	62.9	13.4
Hungary	17.0	13.1	3.6	18.3	48.0	30.1
Ireland		3.8	6.4	11.2	78.6	3.8
Israel	13.5	6.3	14.5	12.7	53.0	19.8
Italy	6.7	9.3	12.0	14.7	57.3	16.0
Kazakhstan	10.6	19.8	21.2	35.5	12.9	30.4
Latvia	14.4	31.8	12.6	7.3	33.8	46.2
Luxembourg		13.6		22.7	63.6	13.6
Netherlands		2.1	6.3	14.6	77.1	2.1
Norway	1.8	11.7	1.1	15.3	70.1	13.5
Portugal	7.2	11.8	9.0	18.3	53.7	19.0
Russian Federation	17.3	21.4	17.0	15.6	28.6	38.7
Slovakia		37.8		14.6	47.6	37.8
Slovenia	12.1	17.2	5.2	25.9	39.7	29.3
Spain	9.3	11.4	6.9	16.5	55.9	20.7
Sweden	2.8	14.4	2.9	27.1	52.9	17.2
Turkey	17.0	18.5	10.0	16.0	38.5	35.5
Ukraine	15.9	16.2	12.7	16.8	38.3	32.1
United Kingdom	4.5	5.8	9.0	21.2	59.6	10.3

Appendix 5a: Prevalence by Type of Limitation among All Adults by Country (Not standardized)

	Difficulty in moving around			Difficulty in concentrating/remembering			Difficulty in seeing across the road			Difficulty in selfcare		
	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild
Africa												
Burkina Faso	4.2	7.1	88.7	5.2	7.3	87.6	4.2	4.9	91.0	1.5	3.2	95.3
Chad	6.2	14.0	79.8	4.1	14.6	81.3	5.2	9.5	85.3	3.2	7.9	88.9
Ethiopia	4.9	7.7	87.4	6.3	9.8	83.9	4.0	6.8	89.2	3.4	6.9	89.7
Ghana	4.1	8.4	87.5	5.2	12.0	82.8	5.2	7.6	87.2	1.8	3.2	95.0
Kenya	3.9	8.2	87.9	3.3	10.1	86.6	3.1	4.9	92.0	1.1	3.2	95.3
Mauritania	6.5	13.9	79.6	5.6	18.7	75.8	7.9	13.5	78.6	4.0	16.1	78.9
Malawi	6.8	5.9	87.3	6.9	5.5	87.5	5.4	4.0	90.6	2.9	2.7	95.4
Mauritius	5.9	3.8	90.4	7.8	5.3	86.8	6.2	3.2	90.6	2.7	1.5	95.8
Morocco	10.2	8.5	81.4	17.2	16.2	66.6	9.2	5.0	85.8	6.1	3.6	95.3
Namibia	6.4	10.7	82.8	7.6	8.9	83.5	6.9	9.7	83.4	6.5	7.1	94.4
Senegal	5.1	12.9	82.0	3.3	13.1	83.6	6.4	8.2	85.4	1.6	6.2	95.2
Swaziland	18.3	11.9	69.8	12.4	14.0	73.5	15.7	9.9	74.4	8.7	7.7	94.6
South Africa	4.7	10.0	85.3	7.1	11.9	80.9	6.4	9.0	84.6	3.8	5.8	94.9
Tunisia	5.9	8.6	85.6	5.3	9.2	85.5	6.0	7.6	86.4	2.8	4.4	95.8
Zambia	3.7	7.5	88.8	2.9	7.8	89.2	3.2	9.5	87.3	1.3	4.0	95.3
Zimbabwe	7.0	7.4	85.5	7.3	10.0	82.8	6.7	7.3	86.0	2.4	3.7	95.3
Americas												
Brazil	5.9	9.5	84.6	10.5	15.7	73.8	5.9	6.2	87.9	2.3	3.2	95.4
Dominican Republic	4.3	6.5	89.2	5.5	10.4	84.1	5.4	5.2	89.4	1.8	1.8	95.4
Ecuador	3.4	9.1	87.5	4.7	11.8	83.5	5.9	6.7	87.5	1.0	2.7	95.4
Guatemala	6.6	6.1	87.3	10.3	13.4	76.3	7.4	7.6	85.0	1.2	1.8	95.4
Mexico	3.4	6.1	90.5	2.7	7.2	90.0	3.7	6.5	89.8	1.2	2.3	95.4
Paraguay	2.7	7.9	89.4	4.5	11.9	83.6	4.6	6.1	89.3	0.7	1.7	95.4
Uruguay	1.5	3.2	95.3	2.1	5.5	92.3	2.4	4.8	92.7	0.2	1.1	95.4
Asia												
Bangladesh	11.2	18.4	70.4	11.1	16.6	72.2	9.1	6.4	84.5	6.0	10.8	84.7
China	1.3	3.9	94.8	1.5	7.5	91.0	1.7	6.2	92.1	0.9	1.6	95.4
India	12.9	9.2	77.8	11.5	9.3	79.2	8.0	4.7	87.3	7.9	6.3	94.6
Sri Lanka	4.7	11.3	84.0	2.8	5.4	91.7	3.3	5.1	91.6	3.9	5.5	94.6
Lao People's Democratic Republic	2.5	6.4	91.0	2.4	9.2	88.4	2.1	4.1	93.9	0.5	1.9	95.4
Malaysia	0.9	3.0	96.1	1.2	5.4	93.4	1.3	3.2	95.5	0.6	1.1	95.4
Myanmar	1.3	6.0	92.7	1.4	6.2	92.4	2.6	3.4	94.0	0.5	2.3	95.4
Nepal	10.8	8.8	80.4	9.8	9.6	80.6	8.3	5.3	86.4	5.5	4.5	94.6
Pakistan	3.5	7.9	88.6	3.2	7.2	89.7	2.1	5.2	92.6	1.4	4.0	95.4
Philippines	3.2	31.6	65.2	4.6	27.9	67.5	5.6	16.4	78.0	1.3	18.5	84.7
United Arab Emirates	1.8	6.6	91.6	2.7	7.6	89.8	2.5	5.0	92.5	1.1	3.1	95.4
Viet Nam	1.9	5.6	92.5	0.8	4.4	94.8	3.0	4.4	92.6	0.7	1.9	95.4
Europe												
Austria	2.2	7.2	90.6	0.7	2.9	96.4	0.7	3.7	95.7	0.3	2.5	95.4
Belgium	4.4	10.2	85.4	2.3	8.1	89.7	2.3	3.1	94.7	1.0	3.1	95.4
Bosnia and Herzegovina	13.7	13.8	72.4	5.4	12.2	82.4	6.4	8.6	85.1	3.6	9.1	94.6
Croatia	12.3	17.0	70.7	5.1	12.1	82.8	3.9	5.3	90.7	3.8	8.1	94.6
Czech Republic	11.1	11.8	77.1	3.3	9.6	87.2	2.1	7.0	90.9	3.8	5.8	94.6
Denmark	3.1	10.1	86.8	1.3	9.4	89.3	1.9	1.9	96.2	0.6	1.6	95.4
Estonia	7.9	12.0	80.1	3.9	8.9	87.2	4.3	5.0	90.7	2.6	4.7	94.6
Finland	5.5	11.1	83.4	1.1	7.7	91.2	0.9	1.5	97.6	1.1	2.1	95.4
France	3.0	8.9	88.0	1.7	9.7	88.6	1.7	4.2	94.1	1.2	2.6	95.4
Georgia	11.9	16.8	71.3	4.0	10.7	85.3	6.2	9.1	84.7	4.3	7.4	94.6
Germany	6.9	14.6	78.5	1.6	7.6	90.8	2.3	5.0	92.7	1.5	3.9	94.6
Greece	7.5	10.9	81.6	2.7	7.5	89.8	5.1	8.6	86.3	3.3	4.7	94.6
Hungary	10.7	10.6	78.7	3.8	8.1	88.1	4.5	2.9	92.6	2.6	3.5	94.6
Ireland	1.3	4.8	93.9	0.9	3.8	95.4	1.0	3.1	96.0	0.5	1.3	95.4
Israel	8.3	12.9	78.8	4.3	12.4	83.4	3.8	5.5	90.7	4.1	3.2	94.6
Italy	5.4	9.1	85.5	2.4	9.5	88.1	2.5	4.9	92.5	1.8	4.0	94.6
Kazakhstan	2.0	10.1	87.9	2.5	10.1	87.4	3.5	6.8	89.8	0.5	1.8	95.4
Latvia	15.2	15.4	69.3	8.7	17.5	73.8	6.6	10.8	82.5	5.5	9.2	94.6
Luxembourg	4.6	12.5	82.9	1.7	11.4	86.9	1.3	2.9	95.8	0.4	4.8	94.6
Netherlands	4.2	14.3	81.5	3.1	8.6	88.3	1.0	2.1	96.9	0.4	1.7	95.4
Norway	3.8	6.4	89.8	1.3	7.5	91.1	1.2	1.7	97.2	0.4	1.1	95.4
Portugal	6.7	15.3	78.0	3.8	15.4	80.8	5.2	7.0	87.8	2.6	6.2	94.6
Russian Federation	13.6	17.4	69.0	11.5	15.8	72.7	7.8	11.8	80.4	5.5	9.3	94.6
Slovakia	3.4	14.7	81.9	1.5	5.0	93.5	5.4	2.1	92.6	0.6	1.1	95.4
Slovenia	12.8	13.3	73.9	6.2	9.0	84.8	4.3	4.1	91.7	3.9	3.0	94.6
Spain	6.5	8.4	85.1	4.9	9.1	86.0	3.8	6.4	89.8	2.1	3.9	94.6
Sweden	10.7	13.6	75.7	7.8	11.9	80.3	3.0	1.8	95.2	1.7	2.3	94.6
Turkey	10.0	15.1	74.9	7.7	12.5	79.8	6.4	7.7	85.9	3.4	5.5	94.6
Ukraine	11.1	13.7	75.2	4.8	8.8	86.4	7.1	6.0	86.9	2.9	4.8	94.6
United Kingdom	7.0	15.7	77.3	3.0	9.4	87.6	2.1	3.5	94.4	1.6	4.7	94.6

Appendix 5b: Prevalence by Type of Limitation among All Adult Women by Country (Not standardized)

	Difficulty in moving around			Difficulty in concentrating/remembering			Difficulty in seeing across the road			Difficulty in selfcare		
	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild
Africa												
Burkina Faso	4.1	7.1	88.8	5.8	8.0	86.2	4.5	4.9	90.6	1.5	3.3	95
Chad	6.1	16.6	77.3	4.6	16.4	78.9	5.3	10.5	84.2	3.2	9.5	87
Ethiopia	5.9	8.8	85.3	6.7	11.4	81.9	4.5	8.2	87.4	3.6	6.5	85
Ghana	3.7	9.9	86.4	6.7	14.0	79.3	5.1	8.3	86.6	1.4	3.4	95
Kenya	5.1	9.9	85.0	4.5	10.2	85.3	3.5	5.2	91.3	1.4	4.5	94
Mauritania	7.8	14.4	77.9	6.6	18.7	74.7	7.2	13.4	79.4	4.1	17.0	78
Malawi	6.8	6.8	86.4	7.5	6.6	85.9	5.6	4.3	90.2	3.1	3.0	94
Mauritius	7.3	3.9	88.8	10.3	6.0	83.8	6.9	3.4	89.7	3.2	1.4	95
Morocco	12.5	10.3	77.2	24.3	19.3	56.4	11.1	5.6	83.3	7.9	4.8	87
Namibia	6.9	12.1	81.0	7.9	10.2	81.9	8.5	10.6	80.9	6.7	8.5	84
Senegal	6.6	14.7	78.7	4.7	13.6	81.7	5.7	8.5	85.8	1.2	5.4	93
Swaziland	18.1	11.0	70.9	14.2	12.9	72.9	15.1	10.9	74.0	9.8	8.1	82
South Africa	5.0	11.2	83.8	8.6	12.7	78.7	6.8	10.2	83.0	4.6	7.0	88
Tunisia	7.3	11.2	81.5	5.8	11.8	82.4	6.9	8.8	84.3	3.5	5.5	91
Zambia	4.5	8.3	87.2	3.9	8.6	87.5	3.7	9.7	86.6	1.6	4.5	93
Zimbabwe	7.0	8.1	84.9	8.8	10.2	81.0	6.2	8.4	85.4	2.4	4.0	93
Americas												
Brazil	6.9	10.8	82.3	13.0	18.4	68.6	6.8	7.4	85.8	2.5	3.9	93
Dominican Republic	4.9	8.5	86.5	7.1	14.0	78.9	6.8	7.0	86.3	1.6	2.1	96
Ecuador	4.0	10.4	85.6	5.6	13.8	80.6	6.6	6.0	87.3	0.7	3.3	96
Guatemala	7.5	7.2	85.3	12.1	14.8	73.1	7.7	8.1	84.3	1.4	2.0	96
Mexico	3.9	7.0	89.1	3.3	8.5	88.2	4.1	7.2	88.7	1.2	2.5	96
Paraguay	3.5	8.8	87.7	6.2	14.4	79.4	5.6	7.4	86.9	0.9	2.0	97
Uruguay	1.8	3.7	94.5	3.0	6.5	90.5	2.8	4.7	92.5	0.1	1.0	98
Asia												
Bangladesh	14.7	22.3	63.1	15.3	19.6	65.1	12.8	8.4	78.8	8.9	14.0	77
China	1.7	3.9	94.5	1.8	8.7	89.5	1.6	6.7	91.7	0.9	1.7	97
India	16.5	10.4	73.1	15.3	10.8	73.9	10.6	5.7	83.7	10.8	7.1	82
Sri Lanka	6.5	13.0	80.5	3.5	6.1	90.4	4.3	6.7	89.1	4.8	6.5	88
Lao People's Democratic Rep	2.7	7.5	89.9	2.6	10.6	86.8	2.1	3.8	94.1	0.3	1.7	98
Malaysia	1.0	3.6	95.4	1.3	5.3	93.5	1.6	3.6	94.8	0.3	0.7	95
Myanmar	1.5	6.3	92.2	1.6	6.8	91.6	2.8	3.8	93.3	0.6	2.7	96
Nepal	11.7	9.5	78.8	11.4	10.9	77.7	9.3	5.2	85.5	6.1	5.3	88
Pakistan	5.3	11.0	83.6	4.9	11.0	84.1	3.7	7.7	88.6	2.2	6.0	91
Phillippines	3.4	32.3	64.3	4.7	28.1	67.2	6.2	17.0	76.8	1.4	17.2	81
United Arab Emirates	3.0	8.0	89.0	3.7	10.4	85.9	3.5	5.1	91.5	1.0	3.8	95
Viet Nam	2.1	6.1	91.9	1.1	4.6	94.3	2.5	3.5	94.0	0.7	2.3	97
Europe												
Austria	2.3	6.3	91.4	0.8	2.9	96.3	0.5	4.0	95.5	0.3	1.9	97
Belgium	5.0	10.7	84.4	3.2	8.1	88.7	3.0	4.2	92.9	1.4	3.0	95
Bosnia and Herzegovina	15.9	15.5	68.6	6.0	14.2	79.8	9.0	7.8	83.2	3.1	11.4	85
Croatia	14.0	16.9	69.1	5.4	12.7	81.9	4.1	5.6	90.3	3.9	9.3	86
Czech Republic	10.3	14.4	75.3	3.9	10.7	85.4	3.1	7.8	89.1	4.0	5.7	90
Denmark	3.6	10.6	85.8	1.2	9.6	89.3	2.3	1.9	95.8	0.8	2.1	97
Estonia	8.7	11.0	80.3	4.1	8.7	87.2	5.1	5.4	89.5	3.3	4.6	92
Finland	5.2	11.5	83.3	1.0	7.7	91.2	1.1	1.1	97.9	1.2	2.0	96
France	3.8	9.3	86.9	2.2	13.1	84.7	3.1	5.9	91.0	2.1	3.1	94
Georgia	15.3	17.6	67.2	5.1	12.0	82.9	7.6	10.6	81.9	5.4	7.8	86
Germany	7.0	16.1	77.0	1.7	8.0	90.3	2.8	6.5	90.7	1.4	4.9	93
Greece	9.4	13.9	76.6	2.9	8.6	88.5	7.0	9.0	84.0	3.7	6.6	85
Hungary	11.9	11.4	76.7	4.3	8.4	87.2	4.9	3.5	91.6	2.7	4.3	93
Ireland	1.4	6.1	92.5	1.4	4.0	94.6	1.3	4.0	94.7	0.6	1.5	98
Israel	10.0	15.2	74.8	4.9	13.1	82.0	5.0	6.2	88.8	4.6	3.5	92
Italy	6.0	11.8	82.2	3.5	11.4	85.1	3.7	6.2	90.2	2.3	3.9	93
Kazakhstan	1.9	11.0	87.1	2.4	9.8	87.9	3.1	6.5	90.3	0.4	2.4	97
Latvia	16.0	17.9	66.1	9.8	18.6	71.6	7.8	10.1	82.0	6.5	10.1	83
Luxembourg	5.4	15.3	79.3	2.0	12.7	85.3	1.1	4.2	94.6	0.8	5.4	93
Netherlands	5.7	17.2	77.1	4.2	9.1	86.7	1.0	2.8	96.3	0.6	2.1	97
Norway	2.8	5.8	91.4	1.9	8.2	90.0	0.6	1.3	98.1	0.2	1.0	98
Portugal	7.6	18.2	74.3	5.5	19.6	74.8	6.2	8.3	85.5	3.2	7.9	85
Russian Federation	15.9	18.9	65.2	13.1	17.0	69.9	9.1	13.6	77.3	6.4	10.0	83
Slovakia	4.7	14.9	80.4	1.1	6.4	92.5	4.2	2.6	93.1	0.9	1.0	98
Slovenia	15.6	14.6	69.9	7.3	9.9	82.8	4.3	4.6	91.1	5.3	3.0	91
Spain	7.2	9.0	83.8	5.5	10.9	83.6	4.4	7.3	88.3	2.3	4.2	93
Sweden	11.1	16.3	72.6	10.6	13.6	75.8	3.2	1.9	94.8	1.5	1.2	97
Turkey	12.4	17.9	69.7	10.1	15.6	74.3	7.6	8.7	83.6	4.0	6.8	85
Ukraine	13.0	15.0	72.0	6.3	10.2	83.6	9.2	7.1	83.8	3.5	4.8	91
United Kingdom	7.2	15.7	77.1	2.5	9.6	87.9	2.1	2.9	94.9	1.3	4.4	94

Appendix 5c: Prevalence by Type of Limitation among All Adult Men by Country (Not standardized)

	Difficulty in moving around			Difficulty in concentrating/remembering			Difficulty in seeing across the road			Difficulty in selfcare		
	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild
Africa												
Burkina Faso	4.2	7.1	88.7	4.5	6.4	89.1	3.9	4.8	91.4	1.5	3.1	95.4
Chad	6.2	11.5	82.3	3.5	12.9	83.6	5.1	8.5	86.4	3.2	6.4	90.4
Ethiopia	3.9	6.7	89.4	5.9	8.4	85.7	3.5	5.4	91.1	3.2	7.4	88.4
Ghana	4.6	6.7	88.8	3.3	9.6	87.1	5.3	6.7	88.0	2.2	3.1	95.4
Kenya	2.6	6.6	90.8	2.1	10.0	87.9	2.7	4.6	92.7	0.8	1.8	95.4
Mauritania	5.1	13.2	81.7	4.3	18.7	77.1	8.7	13.6	77.7	3.8	14.4	81.4
Malawi	6.8	4.7	88.5	6.2	4.2	89.6	5.2	3.6	91.2	2.7	2.3	95.4
Mauritius	4.4	3.6	91.9	5.4	4.7	89.9	5.5	3.1	91.4	2.3	1.6	95.4
Morocco	7.9	6.8	85.4	10.4	13.1	76.5	7.4	4.4	88.2	4.3	2.5	95.4
Namibia	5.8	8.7	85.4	7.3	7.1	85.6	4.6	8.4	87.0	6.2	5.1	88.4
Senegal	4.0	11.0	85.0	2.0	12.7	85.3	6.9	7.8	85.3	1.9	6.7	95.4
Swaziland	18.6	13.1	68.3	10.3	15.4	74.3	16.5	8.7	74.9	7.5	7.3	88.4
South Africa	4.4	8.7	86.8	5.6	11.0	83.4	6.0	7.7	86.2	3.0	4.5	95.4
Tunisia	4.4	5.9	89.8	4.7	6.5	88.8	5.0	6.5	88.5	2.1	3.3	95.4
Zambia	2.8	6.6	90.6	1.9	7.0	91.2	2.7	9.3	88.0	0.9	3.3	95.4
Zimbabwe	7.1	6.5	86.4	4.9	9.6	85.5	7.5	5.7	86.9	2.4	3.3	95.4
Americas												
Brazil	4.6	8.1	87.4	7.6	12.5	79.9	4.7	4.8	90.5	2.0	2.3	95.4
Dominican Republic	3.5	4.2	92.3	3.7	6.3	90.0	3.9	3.2	93.0	2.0	1.5	95.4
Ecuador	2.6	7.2	90.2	3.5	8.9	87.6	4.7	7.6	87.7	1.3	1.9	95.4
Guatemala	5.3	4.2	90.5	7.4	11.2	81.4	7.0	6.9	86.1	0.7	1.5	95.4
Mexico	2.7	4.9	92.3	2.0	5.5	92.5	3.2	5.5	91.3	1.1	2.0	95.4
Paraguay	1.7	6.8	91.5	2.6	9.0	88.3	3.4	4.7	92.0	0.4	1.2	95.4
Uruguay	1.1	2.7	96.2	1.1	4.4	94.5	2.0	5.0	93.0	0.3	1.2	95.4
Asia												
Bangladesh	7.7	14.4	78.0	6.8	13.5	79.7	5.3	4.3	90.4	2.9	7.6	88.4
China	1.0	3.9	95.1	1.1	6.3	92.6	1.9	5.6	92.5	0.9	1.6	95.4
India	10.0	8.3	81.7	8.4	8.0	83.6	5.9	3.8	90.3	5.5	5.7	88.4
Sri Lanka	2.8	9.6	87.7	2.2	4.7	93.2	2.3	3.5	94.3	2.8	4.5	95.4
Lao People's Democratic Rep	2.4	5.3	92.3	2.1	7.7	90.2	2.0	4.4	93.7	0.6	2.2	95.4
Malaysia	0.9	2.3	96.8	1.2	5.6	93.2	1.0	2.7	96.3	0.9	1.6	95.4
Myanmar	1.1	5.5	93.4	1.1	5.4	93.5	2.2	2.9	94.9	0.3	1.9	95.4
Nepal	9.7	8.0	82.3	8.0	8.0	84.0	7.2	5.4	87.4	4.8	3.7	95.4
Pakistan	2.4	6.0	91.6	2.2	4.8	93.0	1.2	3.7	95.1	1.0	2.8	95.4
Philippines	3.1	30.8	66.1	4.5	27.7	67.9	5.0	15.7	79.3	1.2	19.9	71.4
United Arab Emirates	0.7	5.3	94.0	1.8	5.0	93.2	1.7	4.9	93.4	1.1	2.4	95.4
Viet Nam	1.7	5.2	93.2	0.4	4.2	95.4	3.6	5.3	91.0	0.7	1.5	95.4
Europe												
Austria	2.0	8.7	89.3	0.5	2.8	96.7	1.0	3.1	95.9	0.3	3.6	95.4
Belgium	3.7	9.6	86.7	1.1	8.0	91.0	1.3	1.6	97.1	0.5	3.2	95.4
Bosnia and Herzegovina	11.2	12.0	76.8	4.8	10.0	85.3	3.4	9.5	87.1	4.3	6.5	88.4
Croatia	10.1	17.1	72.8	4.6	11.4	84.0	3.7	4.9	91.4	3.8	6.3	88.4
Czech Republic	11.9	9.0	79.2	2.5	8.3	89.1	1.0	6.0	92.9	3.5	5.9	95.4
Denmark	2.5	9.5	87.9	1.5	9.1	89.4	1.5	1.9	96.6	0.4	1.1	95.4
Estonia	6.5	13.7	79.8	3.6	9.2	87.3	2.9	4.3	92.8	1.3	4.8	95.4
Finland	5.8	10.6	83.6	1.1	7.8	91.1	0.7	2.0	97.3	0.9	2.2	95.4
France	2.2	8.6	89.2	1.1	6.0	92.9	0.2	2.3	97.5	0.2	2.1	95.4
Georgia	7.6	15.8	76.6	2.6	9.0	88.4	4.5	7.3	88.3	2.9	6.9	95.4
Germany	6.9	12.3	80.8	1.3	7.1	91.6	1.5	2.8	95.7	1.5	2.4	95.4
Greece	5.3	7.2	87.4	2.4	6.3	91.3	2.9	8.2	88.9	2.9	2.4	95.4
Hungary	8.9	9.4	81.7	3.2	7.5	89.3	3.7	2.1	94.2	2.4	2.3	95.4
Ireland	1.2	3.2	95.6	0.3	3.5	96.3	0.6	2.0	97.4	0.5	1.1	95.4
Israel	6.6	10.4	83.0	3.6	11.5	84.9	2.6	4.9	92.6	3.6	2.9	95.4
Italy	4.7	5.4	89.8	0.9	6.9	92.2	0.9	3.3	95.7	1.2	4.3	95.4
Kazakhstan	2.3	8.2	89.5	2.7	10.7	86.6	4.2	7.2	88.7	0.6	0.8	95.4
Latvia	13.8	10.2	76.0	6.2	15.4	78.4	4.2	12.2	83.6	3.3	7.4	88.4
Luxembourg	3.8	9.7	86.5	1.5	10.0	88.6	1.5	1.5	97.1		4.1	95.4
Netherlands	1.1	8.3	90.5	0.9	7.4	91.7	1.1	0.6	98.3		0.9	95.4
Norway	4.8	7.0	88.2	0.8	6.9	92.3	1.7	2.1	96.2	0.7	1.2	95.4
Portugal	5.5	11.3	83.3	1.3	9.3	89.4	3.8	5.1	91.1	1.9	3.8	95.4
Russian Federation	9.3	14.8	76.0	8.5	13.6	77.8	5.4	8.6	86.0	3.9	8.0	88.4
Slovakia	1.5	14.3	84.1	2.0	2.9	95.1	7.2	1.1	91.7		1.2	95.4
Slovenia	9.5	11.8	78.6	5.0	8.0	87.0	4.2	3.4	92.4	2.3	3.1	95.4
Spain	5.6	7.4	87.0	4.0	6.6	89.4	2.9	5.1	92.0	1.9	3.6	95.4
Sweden	10.1	9.7	80.1	3.8	9.6	86.6	2.6	1.6	95.8	2.1	3.7	95.4
Turkey	6.9	11.5	81.6	4.7	8.6	86.8	4.9	6.3	88.8	2.7	3.7	95.4
Ukraine	7.6	11.2	81.2	2.1	6.4	91.4	3.3	4.0	92.7	1.8	4.6	95.4
United Kingdom	6.6	15.8	77.6	3.9	9.1	87.0	2.1	4.6	93.4	2.1	5.3	95.4

Appendix 6a: Prevalence by Type of Limitation among Working Age Adults by Country (Not standardized)

	Difficulty in moving around			Difficulty in concentrating/remembering			Difficulty in seeing across the road			Difficulty in selfcare		
	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild
<u>Africa</u>												
Burkina Faso	3.1	5.7	91.2	4.4	6.2	89.4	2.6	3.7	93.8	1.1	2.5	96
Chad	5.0	13.0	82.0	3.1	13.5	83.4	3.5	8.2	88.3	2.4	7.3	90
Ethiopia	4.3	7.1	88.7	5.8	9.2	85.0	2.7	6.0	91.4	3.1	6.4	90
Ghana	2.6	6.5	91.0	4.4	10.5	85.1	3.0	5.4	91.6	1.0	2.6	96
Kenya	2.9	6.8	90.4	2.2	9.3	88.5	1.7	3.9	94.4	0.9	2.2	96
Mauritania	5.2	12.5	82.3	4.7	17.5	77.8	6.5	12.5	81.0	2.9	15.1	82
Malawi	5.7	4.8	89.4	6.3	5.0	88.6	4.0	3.0	93.0	2.4	2.1	95
Mauritius	4.3	3.1	92.6	6.0	4.6	89.4	4.3	2.7	93.0	1.8	0.9	97
Morocco	8.0	7.7	84.4	15.8	15.9	68.3	7.3	4.6	88.1	4.7	2.9	92
Namibia	4.9	9.2	85.9	6.1	7.8	86.1	4.3	8.0	87.7	5.9	6.2	87
Senegal	3.7	11.7	84.5	2.6	12.2	85.3	5.0	7.2	87.9	1.2	5.2	93
Swaziland	14.5	11.4	74.1	9.8	13.5	76.7	12.9	9.2	77.9	6.5	6.6	86
South Africa	3.9	9.5	86.6	6.6	11.0	82.4	6.1	7.9	86.0	3.5	5.5	91
Tunisia	3.5	6.9	89.6	3.6	7.6	88.8	3.4	5.8	90.8	1.5	2.9	95
Zambia	2.6	6.6	90.7	2.5	7.0	90.5	2.0	8.6	89.4	0.8	3.3	95
Zimbabwe	5.1	6.3	88.7	6.0	8.5	85.5	4.3	5.6	90.1	1.6	2.6	95
<u>Americas</u>												
Brazil	4.1	8.5	87.4	9.7	15.0	75.3	4.4	5.3	90.3	1.6	2.7	95
Dominican Republic	3.1	6.0	90.9	4.7	9.8	85.5	3.8	4.4	91.8	1.2	1.5	97
Ecuador	2.7	7.6	89.7	3.9	10.5	85.6	4.5	5.4	90.1	0.8	2.0	97
Guatemala	5.1	5.3	89.6	8.5	13.1	78.4	5.4	6.1	88.5	0.8	1.5	97
Mexico	2.0	4.7	93.4	2.0	5.8	92.2	2.7	5.4	91.9	0.6	1.4	97
Paraguay	1.8	7.3	90.9	3.8	10.7	85.5	3.0	5.0	92.0	0.6	1.5	97
Uruguay	1.3	2.2	96.6	2.2	3.9	94.0	1.9	4.1	93.9	0.2	0.9	98
<u>Asia</u>												
Bangladesh	8.9	17.8	73.3	9.0	15.7	75.2	5.9	5.6	88.5	4.4	9.4	86
China	0.5	2.4	97.0	0.5	4.9	94.5	0.6	4.2	95.2	0.4	0.9	98
India	10.8	8.7	80.4	9.0	8.6	82.4	5.7	4.0	90.4	6.2	5.5	88
Lao People's Democratic Rep	1.8	5.5	92.7	1.5	7.7	90.7	1.0	3.1	96.0	0.3	1.4	98
Malaysia	0.7	2.4	96.9	0.8	4.9	94.4	0.8	2.3	96.9	0.4	1.1	98
Myanmar	0.7	4.7	94.7	0.6	4.9	94.5	0.9	2.3	96.8	0.2	1.5	98
Nepal	8.3	7.8	83.9	7.6	8.9	83.5	4.9	4.3	90.8	4.0	3.6	92
Phillippines	2.4	31.1	66.5	4.2	27.2	68.6	4.1	15.6	80.3	0.9	17.7	81
Pakistan	2.7	6.5	90.9	2.1	6.7	91.2	1.1	3.8	95.1	1.0	2.8	96
Sri Lanka	3.0	9.1	87.9	1.5	3.6	94.9	1.6	3.7	94.6	2.4	4.0	93
United Arab Emirates	1.4	6.3	92.3	2.4	7.1	90.5	2.1	4.7	93.2	0.7	2.5	96
Viet Nam	1.1	4.5	94.5	0.6	3.1	96.3	1.8	2.6	95.6	0.3	1.4	98
<u>Europe</u>												
Austria	1.7	5.4	92.9	0.6	1.9	97.5	0.4	2.8	96.7	0.2	1.7	98
Belgium	3.3	7.3	89.4	1.8	7.3	90.9	1.1	2.6	96.3	0.6	2.2	97
Bosnia and Herzegovina	8.7	11.6	79.7	3.0	10.4	86.7	3.8	7.4	88.8	2.2	6.7	91
Croatia	6.1	14.7	79.2	3.3	9.7	87.0	2.3	3.9	93.8	1.7	4.8	93
Czech Republic	4.9	8.4	86.7	1.7	4.4	93.9	0.7	4.7	94.6	1.5	3.5	95
Denmark	1.3	7.9	90.8	1.1	7.5	91.5	1.2	1.1	97.8	0.3	0.9	98
Estonia	3.2	8.8	88.0	2.2	5.4	92.5	2.5	2.7	94.8	1.2	3.2	95
Finland	2.9	6.5	90.6	1.4	5.7	92.9	0.7	1.2	98.1	0.3	1.2	98
France	1.5	5.4	93.1	1.1	6.2	92.7	0.1	2.7	97.2	0.3	2.0	97
Georgia	7.0	12.9	80.1	2.2	7.8	90.0	2.9	4.9	92.2	1.4	4.7	93
Germany	5.3	11.1	83.6	1.5	5.5	92.9	2.0	2.8	95.2	0.4	2.7	96
Greece	4.5	6.8	88.7	1.9	4.5	93.6	1.9	3.4	94.7	1.5	0.8	97
Hungary	5.4	7.5	87.1	3.0	5.8	91.2	2.3	1.5	96.2	1.0	1.9	97
Ireland	1.2	3.2	95.6	1.0	2.8	96.2	1.0	1.9	97.1	0.5	0.7	98
Israel	6.5	10.6	82.9	3.7	11.9	84.4	2.9	4.7	92.4	2.6	2.1	95
Italy	2.6	6.0	91.4	1.2	7.3	91.6	0.6	3.5	95.8	0.4	2.9	96
Kazakhstan	1.0	7.7	91.3	0.9	7.1	92.0	2.4	5.6	92.0	0.3	1.2	98
Latvia	8.5	8.5	83.0	4.7	12.0	83.3	3.4	8.0	88.6	2.8	4.9	92
Luxembourg	3.4	11.0	85.6	2.0	10.2	87.8	0.7	2.0	97.3	0.2	4.4	95
Netherlands	3.9	13.1	83.0	3.3	8.5	88.2	0.7	1.8	97.6	0.3	1.3	98
Norway	2.8	5.4	91.8	1.5	7.1	91.4	0.9	1.6	97.5	0.4	0.7	98
Portugal	3.9	11.6	84.5	3.5	12.4	84.1	2.8	5.3	91.9	1.5	4.0	94
Russian Federation	5.9	11.6	82.4	3.1	9.3	87.6	2.9	7.1	90.1	1.8	4.5	93
Slovakia	1.9	14.1	84.0	0.8	4.4	94.8	5.6	1.6	92.8	0.0	0.6	99
Slovenia	10.3	11.0	78.8	4.1	7.3	88.6	3.2	3.4	93.4	2.5	2.3	95
Spain	3.0	4.9	92.1	3.3	6.0	90.7	1.8	4.1	94.1	0.9	2.4	96
Sweden	9.9	12.9	77.2	9.3	10.6	80.2	2.6	1.8	95.6	1.6	2.1	96
Turkey	8.0	13.8	78.3	6.3	11.7	82.0	4.9	6.3	88.7	2.4	4.5	93
Ukraine	7.8	10.7	81.5	3.2	6.3	90.4	5.2	3.9	90.9	2.0	2.9	95
United Kingdom	5.2	10.7	84.1	3.4	8.7	87.9	1.7	2.8	95.5	1.2	3.9	94

Appendix 6b: Prevalence by Type of Limitation among Working Age Women by Country (Not standardized)

	Difficulty in moving around			Difficulty in concentrating/remembers			Difficulty in seeing across the road		
	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild
<u>Africa</u>									
Burkina Faso	3.3	6.0	90.7	5.1	7.6	87.4	3.1	4.1	92.8
Chad	5.2	15.8	79.0	3.7	15.5	80.8	3.7	9.6	86.8
Ethiopia	5.0	7.7	87.3	6.0	10.1	83.9	2.8	7.0	90.2
Ghana	2.5	8.2	89.3	6.0	13.0	81.0	3.5	6.1	90.4
Kenya	4.0	8.5	87.5	3.0	9.5	87.5	2.0	4.0	94.0
Mauritania	6.3	13.2	80.5	5.8	17.7	76.4	5.9	12.7	81.4
Malawi	5.5	5.7	88.8	6.7	5.9	87.4	4.1	3.3	92.6
Mauritius	5.4	3.6	91.1	8.0	5.4	86.6	5.0	2.9	92.1
Morocco	10.7	9.2	80.2	22.7	19.2	58.1	9.4	5.4	85.2
Namibia	5.1	10.4	84.5	6.2	8.8	85.0	5.5	8.9	85.7
Senegal	5.3	13.5	81.2	3.8	12.8	83.4	5.1	7.3	87.6
Swaziland	14.8	10.1	75.2	11.4	12.0	76.6	12.6	9.5	77.9
South Africa	4.2	11.1	84.7	8.1	11.7	80.2	6.5	9.2	84.3
Tunisia	5.0	9.5	85.5	4.4	9.5	86.1	4.1	6.9	89.1
Zambia	3.3	7.5	89.3	3.0	7.9	89.0	2.6	9.0	88.4
Zimbabwe	5.5	7.1	87.4	7.8	9.1	83.1	4.5	6.4	89.2
<u>Americas</u>									
Brazil	5.4	9.5	85.1	12.4	17.6	70.1	5.6	6.5	87.9
Dominican Republic	4.2	7.7	88.2	5.9	12.8	81.2	4.8	6.1	89.1
Ecuador	3.6	9.0	87.5	4.8	13.2	82.0	5.6	5.3	89.0
Guatemala	5.9	6.3	87.7	10.3	14.7	75.0	5.9	6.8	87.3
Mexico	2.3	5.7	92.0	2.5	7.1	90.4	3.1	6.3	90.6
Paraguay	2.7	8.0	89.3	5.4	12.9	81.7	4.1	6.1	89.7
Uruguay	1.6	2.5	95.8	3.1	4.4	92.5	2.5	4.0	93.5
<u>Asia</u>									
Bangladesh	12.2	21.9	65.9	12.7	18.8	68.5	9.3	8.0	82.7
China	0.8	2.8	96.5	0.6	6.3	93.1	0.5	4.3	95.2
India	14.3	10.3	75.5	11.9	10.8	77.3	8.5	5.3	86.2
Lao People's Democratic Rep	2.2	6.5	91.4	1.8	9.2	88.9	0.8	3.1	96.1
Malaysia	0.6	3.0	96.4	0.7	4.5	94.8	1.0	2.6	96.4
Myanmar	0.6	4.9	94.4	0.6	5.9	93.5	1.0	2.9	96.1
Nepal	9.7	8.6	81.7	9.3	10.3	80.4	5.9	4.3	89.8
Philippines	2.7	31.5	65.8	4.6	27.1	68.3	4.7	16.2	79.1
Pakistan	4.0	10.3	85.6	3.8	10.6	85.6	1.8	6.9	91.3
Sri Lanka	4.4	10.5	85.1	1.7	4.0	94.3	2.2	5.1	92.8
United Arab Emirates	2.2	7.8	90.0	3.2	10.3	86.5	2.8	4.9	92.3
Viet Nam	1.0	5.0	94.0	1.0	3.2	95.8	1.7	2.0	96.3
<u>Europe</u>									
Austria	1.5	4.2	94.3	0.5	2.0	97.4	0.2	2.9	96.9
Belgium	3.2	7.5	89.3	2.9	7.5	89.6	1.5	3.2	95.4
Bosnia and Herzegovina	10.3	13.1	76.6	3.0	13.1	83.9	5.1	5.4	89.5
Croatia	7.7	16.2	76.1	4.0	10.6	85.4	2.1	4.9	93.0
Czech Republic	3.8	10.4	85.8	2.1	5.7	92.2	1.3	4.4	94.3
Denmark	1.8	7.6	90.6	0.8	7.9	91.3	1.0	1.0	98.0
Estonia	3.2	8.0	88.8	2.1	4.3	93.6	3.0	2.9	94.1
Finland	2.8	5.3	91.9	1.2	5.5	93.3	0.5	1.0	98.5
France	1.2	4.9	93.9	1.4	7.1	91.4	0.2	4.3	95.5
Georgia	9.2	13.7	77.1	2.5	9.3	88.2	3.2	5.9	90.9
Germany	5.5	11.5	83.0	1.8	5.8	92.4	2.5	3.1	94.3
Greece	5.8	10.3	84.0	1.9	5.8	92.3	2.6	3.8	93.6
Hungary	6.4	8.1	85.6	4.1	6.3	89.6	3.0	2.2	94.8
Ireland	1.3	4.2	94.5	1.5	2.9	95.6	1.4	2.3	96.3
Israel	7.9	12.5	79.6	4.3	13.0	82.8	3.5	5.4	91.1
Italy	2.1	8.8	89.1	1.7	8.8	89.6	1.2	4.7	94.1
Kazakhstan	0.9	8.5	90.6	0.6	7.4	92.0	2.3	6.0	91.7
Latvia	8.7	9.4	81.9	5.7	11.9	82.3	3.7	7.5	88.9
Luxembourg	3.4	12.6	84.0	2.4	10.9	86.7	0.7	2.4	96.9
Netherlands	5.1	16.4	78.5	4.5	9.1	86.4	0.5	2.3	97.2
Norway	1.6	4.0	94.4	2.1	7.5	90.4	0.8	1.3	97.9
Portugal	4.5	13.8	81.8	5.2	16.2	78.5	3.4	6.8	89.9
Russian Federation	6.2	13.1	80.7	3.6	10.0	86.4	3.2	9.1	87.7
Slovakia	2.3	14.7	82.9	0.6	5.4	94.0	4.4	2.2	93.5
Slovenia	13.7	14.1	72.2	5.1	8.1	86.8	3.4	3.8	92.7
Spain	3.1	5.3	91.6	3.8	7.8	88.5	2.2	4.5	93.2
Sweden	10.4	17.8	71.8	12.1	12.5	75.4	3.3	1.8	94.9
Turkey	10.3	16.6	73.2	8.7	14.8	76.6	6.2	7.4	86.4
Ukraine	9.7	12.3	77.9	4.6	7.9	87.5	7.3	4.8	87.9
United Kingdom	5.2	10.5	84.3	3.0	10.2	86.8	1.4	2.7	95.9

Appendix 6c: Prevalence by Type of Limitation among Working Age Men by Country (Not standardized)

	Difficulty in moving around			Difficulty in concentrating/remembering			Difficulty in seeing across the road			Difficulty in selfcare		
	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild
Africa												
Burkina Faso	2.8	5.3	91.9	3.7	4.6	91.7	2.0	3.2	94.8	1.1	2.0	97.
Chad	4.8	10.0	85.1	2.5	11.4	86.1	3.2	6.9	89.9	2.4	5.8	91
Ethiopia	3.5	6.4	90.0	5.7	8.2	86.1	2.6	5.0	92.5	3.2	7.0	89.
Ghana	2.7	4.3	93.0	2.5	7.5	90.1	2.4	4.5	93.1	0.9	2.5	96
Kenya	1.7	5.0	93.3	1.4	9.1	89.5	1.4	3.7	94.9	0.7	1.3	97.
Mauritania	3.9	11.4	84.7	3.1	17.3	79.6	7.3	12.2	80.5	3.2	13.2	83.
Malawi	6.1	3.8	90.1	5.9	3.9	90.2	3.9	2.7	93.4	2.5	1.8	95.
Mauritius	3.2	2.7	94.1	4.1	3.8	92.1	3.7	2.4	93.9	1.6	1.0	97.
Morocco	5.2	6.2	88.6	8.9	12.5	78.7	5.2	3.7	91.1	2.6	2.1	95.
Namibia	4.7	7.6	87.8	6.0	6.4	87.6	2.7	6.8	90.5	5.9	4.9	89.
Senegal	2.4	9.8	87.8	1.4	11.6	87.0	4.8	6.9	88.3	1.3	5.7	93.
Swaziland	14.1	13.1	72.8	7.7	15.4	76.8	13.3	8.8	77.9	4.9	6.2	88.
South Africa	3.6	7.7	88.7	5.0	10.3	84.8	5.7	6.4	87.9	2.8	3.7	93.
Tunisia	2.0	4.1	93.9	2.8	5.5	91.7	2.6	4.7	92.7	1.1	1.7	97.
Zambia	1.9	5.7	92.4	1.8	6.1	92.2	1.4	8.0	90.5	0.7	2.6	96.
Zimbabwe	4.5	4.9	90.6	3.3	7.5	89.2	4.0	4.5	91.5	1.5	2.1	96.
Americas												
Brazil	2.7	7.3	90.1	6.5	11.8	81.7	2.9	3.7	93.3	1.2	1.7	97.
Dominican Republic	1.8	4.0	94.2	3.3	6.3	90.4	2.5	2.5	95.0	1.7	1.0	97.
Ecuador	1.4	5.7	92.9	2.5	6.6	90.9	2.9	5.4	91.7	0.9	0.8	98.
Guatemala	3.7	3.6	92.8	5.4	10.3	84.4	4.5	5.0	90.6	0.6	1.2	98.
Mexico	1.4	3.3	95.3	1.4	3.9	94.7	2.1	4.3	93.6	0.6	1.2	98.
Paraguay	0.8	6.4	92.8	1.9	8.2	89.9	1.6	3.8	94.7	0.4	1.3	98.
Uruguay	0.9	1.7	97.4	1.1	3.2	95.6	1.3	4.3	94.4	0.3	1.1	98.
Asia												
Bangladesh	5.4	13.4	81.2	5.1	12.4	82.5	2.3	3.0	94.7	1.9	5.8	92.
China	0.3	2.1	97.6	0.5	3.5	96.1	0.7	4.0	95.3	0.5	0.8	98.
India	8.0	7.5	84.5	6.7	6.8	86.6	3.3	2.8	93.8	4.0	4.8	91.
Lao People's Democratic Rep	1.5	4.4	94.1	1.2	6.0	92.7	1.1	3.0	95.8	0.4	1.4	98.
Malaysia	0.7	1.8	97.5	0.9	5.3	93.8	0.5	1.9	97.5	0.9	1.7	97.
Myanmar	0.7	4.3	95.0	0.7	3.5	95.8	0.8	1.5	97.7	0.0	1.1	98.
Nepal	6.6	6.9	86.5	5.6	7.1	87.3	3.7	4.3	92.0	3.1	2.5	94.
Phillippines	2.1	30.6	67.2	3.8	27.3	68.9	3.4	15.0	81.7	0.8	19.2	80.
Pakistan	1.8	4.1	94.1	1.0	4.3	94.7	0.7	1.8	97.5	0.8	1.4	97.
Sri Lanka	1.5	7.6	90.9	1.3	3.3	95.5	1.1	2.3	96.6	1.8	3.2	95.
United Arab Emirates	0.6	4.9	94.5	1.6	4.1	94.3	1.4	4.6	94.1	1.0	1.5	97.
Viet Nam	1.2	3.8	95.0	0.1	3.0	96.9	1.9	3.3	94.8	0.5	0.9	98.
Europe												
Austria	2.0	7.3	90.7	0.6	1.7	97.7	0.9	2.6	96.5	0.3	3.5	96.
Belgium	3.5	7.0	89.5	0.3	7.0	92.7	0.6	1.9	97.5	0.3	2.5	97.
Bosnia and Herzegovina	7.0	10.1	83.0	3.0	7.5	89.5	2.4	9.5	88.1	3.0	4.9	92.
Croatia	3.8	12.6	83.6	2.4	8.2	89.4	2.6	2.5	94.9	1.3	3.0	95.
Czech Republic	6.1	6.2	87.7	1.2	3.0	95.8	0.0	5.1	94.8	1.5	3.5	95.
Denmark	0.8	8.2	91.0	1.4	7.1	91.6	1.4	1.1	97.6	0.3	1.4	98.
Estonia	3.1	10.2	86.7	2.4	7.2	90.5	1.6	2.4	96.0	1.3	3.1	95.
Finland	3.1	8.0	88.9	1.6	6.0	92.4	1.0	1.5	97.5	0.3	1.2	98.
France	1.9	5.8	92.3	0.8	5.3	93.9	0.0	1.0	98.9	0.2	1.6	98.
Georgia	4.3	11.9	83.7	1.7	6.0	92.3	2.5	3.7	93.8	1.2	4.0	94.
Germany	5.1	10.4	84.5	1.2	5.1	93.7	1.2	2.4	96.4	0.6	1.2	98.
Greece	2.7	1.8	95.5	1.8	2.7	95.5	0.9	2.7	96.4	0.9	0.9	99.
Hungary	4.0	6.6	89.3	1.6	5.0	93.4	1.3	0.5	98.2	0.9	1.1	98.
Ireland	1.1	2.0	96.9	0.3	2.8	96.9	0.5	1.5	98.0	0.5	0.5	99.
Israel	5.0	8.7	86.3	3.1	10.9	86.0	2.3	4.0	93.8	2.5	2.5	95.
Italy	3.2	2.6	94.3	0.6	5.5	94.0	0.5	2.0	98.0	0.3	2.0	97.
Kazakhstan	1.4	6.0	92.6	1.5	6.6	91.9	2.7	4.6	92.7	0.6	0.4	99.
Latvia	8.2	7.0	84.8	2.7	12.2	85.1	2.9	8.9	88.2	1.5	5.6	93.
Luxembourg	3.4	9.4	87.2	1.7	9.4	88.9	0.7	1.7	97.6	0.3	4.4	95.
Netherlands	1.3	6.6	92.0	1.0	7.3	91.7	1.0	0.7	98.3	0.3	1.0	99.
Norway	3.9	6.8	89.3	0.8	6.8	92.4	1.0	1.8	97.1	0.8	0.8	98.
Portugal	3.1	8.5	88.5	1.0	6.7	92.3	2.0	3.1	95.0	0.6	2.8	96.
Russian Federation	5.5	9.1	85.3	2.2	8.2	89.6	2.3	3.6	94.1	3.3	3.2	93.
Slovakia	1.2	13.3	85.5	1.0	3.0	96.0	7.4	0.7	91.8	0.8	0.8	99.
Slovenia	6.4	7.4	86.3	2.9	6.4	90.7	2.9	2.9	94.1	1.5	1.5	97.
Spain	2.9	4.4	92.7	2.6	3.4	94.0	1.1	3.5	95.4	1.0	2.6	96.
Sweden	9.2	5.1	85.7	4.9	7.5	87.6	1.5	1.9	96.7	2.2	3.8	93.
Turkey	4.9	10.0	85.2	3.2	7.6	89.2	3.2	4.9	91.9	1.5	3.0	95.
Ukraine	4.1	7.8	88.1	0.8	3.5	95.8	1.2	2.3	96.4	0.6	3.0	96.
United Kingdom	5.3	11.0	83.7	4.3	5.7	90.1	2.1	3.2	94.7	1.8	3.9	94.

Appendix 7a: Prevalence by Type of Limitation among Older Adults (65 and Older) by Country (Not standardized)

	Difficulty in moving around			Difficulty in concentrating/remembering			Difficulty in seeing across the road			Difficulty in selfcare		
	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild
Africa												
Burkina Faso	18.5	25.5	56.1	14.9	21.2	63.9	25.5	20.4	54.2	7.4	12.6	80.0
Chad	20.8	27.6	51.5	16.0	29.5	54.5	27.1	25.4	47.5	12.3	16.3	71.0
Ethiopia	14.4	18.4	67.1	14.1	20.9	65.0	25.2	19.6	55.3	8.7	16.3	75.0
Ghana	16.6	24.4	59.0	11.7	24.2	64.1	23.0	25.5	51.5	8.0	8.4	83.0
Kenya	19.3	30.2	50.5	20.4	21.3	58.3	24.2	20.3	55.5	4.9	17.2	77.0
Mauritania	22.3	31.3	46.4	16.5	32.7	50.8	24.4	26.0	49.6	16.5	28.1	55.0
Malawi	19.1	18.4	62.5	13.9	11.8	74.3	22.2	15.7	62.0	9.6	10.1	80.0
Mauritius	22.5	10.6	67.0	26.6	13.0	60.4	25.6	9.4	65.0	11.9	7.7	80.0
Morocco	33.0	16.9	50.1	31.5	19.5	49.1	28.6	10.0	61.4	20.7	11.3	67.0
Namibia	19.4	23.5	57.0	20.4	18.5	61.1	28.9	23.9	47.1	11.2	14.6	74.0
Senegal	21.1	26.2	52.8	11.3	23.7	65.0	22.6	19.5	57.8	6.2	17.4	76.0
South Africa	18.0	19.0	62.9	16.0	26.8	57.2	12.1	27.3	60.6	9.5	9.6	80.0
Swaziland	52.6	16.8	30.7	35.9	18.5	45.6	41.2	16.0	42.8	28.8	17.5	53.0
Tunisia	24.4	22.1	53.5	18.6	22.4	59.0	26.7	22.3	51.0	13.0	16.5	70.0
Zambia	20.8	20.4	58.8	10.1	19.9	70.0	21.2	24.5	54.3	8.3	14.0	77.0
Zimbabwe	27.5	19.8	52.7	20.0	25.5	54.5	31.9	25.1	43.0	11.0	15.7	73.0
Americas												
Brazil	21.1	18.7	60.2	17.5	22.3	60.3	19.0	14.5	66.5	8.2	7.4	84.0
Dominican Republic	15.2	11.3	73.4	12.7	16.0	71.4	20.3	12.4	67.3	7.1	4.5	88.0
Ecuador	9.9	22.3	67.8	12.5	23.2	64.2	18.1	18.1	63.8	2.8	9.7	87.0
Guatemala	20.0	12.7	67.4	26.0	16.2	57.8	25.2	20.8	54.1	4.0	4.8	91.0
Mexico	14.8	17.8	67.4	8.5	19.0	72.5	12.0	15.0	73.0	5.7	8.9	85.0
Paraguay	10.8	14.0	75.2	12.0	23.5	64.5	20.6	16.9	62.5	2.1	3.3	94.0
Uruguay	2.7	9.8	87.5	1.8	15.7	82.4	5.5	9.1	85.4	0.4	2.3	97.0
Asia												
Bangladesh	36.9	24.7	38.4	34.0	26.7	39.3	43.9	15.6	40.4	23.4	26.2	50.0
China	6.3	13.2	80.4	7.4	24.4	68.2	9.0	19.2	71.8	4.3	6.4	89.0
India	32.1	13.8	54.2	34.0	15.5	50.4	29.9	11.3	58.8	23.6	13.7	62.0
Malaysia	4.4	10.2	85.4	6.9	12.5	80.6	8.2	14.8	77.0	2.2	1.7	96.0
Myanmar	7.2	17.5	75.2	8.1	17.9	74.0	17.0	13.6	69.4	2.8	9.9	87.0
Nepal	34.9	17.8	47.2	30.8	16.5	52.7	41.1	14.6	44.2	20.2	13.1	66.0
Lao People's Democratic Republic	11.7	18.9	69.4	13.2	28.2	58.6	16.4	16.8	66.8	3.2	9.3	87.0
Pakistan	13.0	24.8	62.3	15.5	12.4	72.0	13.9	22.1	64.0	6.8	18.1	75.0
Philippines	14.1	38.8	47.1	9.7	37.3	53.0	26.6	26.9	46.5	6.5	29.6	64.0
Sri Lanka	19.4	30.3	50.2	14.5	20.7	64.8	17.4	17.3	65.3	16.1	18.5	65.0
United Arab Emirates	16.2	16.4	67.4	12.8	23.4	63.9	18.1	13.4	68.5	11.3	23.7	64.0
Viet Nam	10.0	17.4	72.6	2.9	17.8	79.3	15.7	22.0	62.2	4.6	7.3	88.0
Europe												
Austria	5.4	18.2	76.4	1.4	8.8	89.9	2.0	8.8	89.2	0.7	7.4	91.0
Belgium	9.7	23.9	66.5	4.5	11.6	83.9	7.7	5.2	87.1	3.2	7.1	89.0
Bosnia and Herzegovina	37.2	24.2	38.7	16.6	20.8	62.5	18.4	14.1	67.5	10.3	20.0	69.0
Croatia	37.1	26.1	36.7	12.1	22.0	65.9	10.2	11.2	78.6	12.4	21.1	66.0
Czech Republic	31.4	23.3	45.4	8.5	26.6	64.9	6.9	14.3	78.9	11.4	13.3	75.0
Denmark	9.0	17.2	73.8	2.1	15.5	82.4	4.3	4.7	91.0	1.7	3.9	94.0
Estonia	24.2	23.0	52.9	9.9	21.0	69.1	10.4	12.9	76.6	7.2	9.7	83.0
Finland	11.9	22.6	65.5	0.4	12.8	86.9	1.4	2.1	96.5	3.1	4.2	92.0
France	8.7	22.6	68.8	3.8	22.9	73.3	7.7	9.9	82.4	4.4	5.0	90.0
Georgia	31.0	31.9	37.0	11.2	21.8	67.0	19.2	25.4	55.4	15.7	17.7	66.0
Germany	11.5	24.3	64.3	1.6	13.4	84.9	3.0	11.1	85.9	4.6	7.2	88.0
Greece	11.9	16.8	71.4	3.8	11.9	84.3	9.7	16.2	74.1	5.9	10.3	83.0
Hungary	26.2	19.7	54.0	6.2	14.9	78.8	10.8	7.1	82.1	7.3	8.4	84.0
Ireland	2.2	16.7	81.1	0.0	10.8	89.2	0.7	11.8	87.5	0.7	5.9	93.0
Israel	19.4	26.3	54.3	7.6	14.8	77.7	9.0	10.8	80.2	12.8	9.4	77.0
Italy	15.3	19.8	64.9	6.8	17.1	76.1	9.0	9.9	81.1	6.8	8.1	85.0
Kazakhstan	12.4	35.6	52.0	19.4	42.2	38.4	14.9	19.5	65.6	2.6	9.1	88.0
Latvia	31.8	32.3	35.9	18.5	31.2	50.4	14.6	17.8	67.6	12.0	19.7	68.0
Luxembourg	11.5	21.2	67.3		18.3	81.7	4.8	7.7	87.5	1.9	6.7	91.0
Netherlands	6.1	20.6	73.3	1.8	9.1	89.1	3.0	3.6	93.3	0.6	3.6	95.0
Norway	8.1	10.5	81.3	0.9	9.1	90.0	2.2	1.9	95.9	0.5	2.8	96.0
Portugal	15.4	26.8	57.7	4.7	24.6	70.7	12.8	12.3	74.9	6.1	12.9	81.0
Russian Federation	31.1	30.8	38.2	30.8	30.8	38.4	19.0	22.8	58.1	14.1	20.2	65.0
Slovakia	37.1	25.8	37.1	16.7	18.2	65.1	0.8	12.0	87.2	12.3	11.1	76.0
Slovenia	21.4	21.4	57.1	13.5	15.1	71.4	7.9	6.3	85.7	8.7	5.6	85.0
Spain	16.5	18.1	65.3	9.3	18.0	72.7	9.5	12.8	77.7	5.7	8.2	86.0
Sweden	13.0	15.8	71.2	3.4	16.0	80.5	4.2	1.6	94.2	2.0	2.8	95.0
Turkey	26.9	26.5	46.6	19.2	19.5	61.3	19.3	18.8	61.9	12.5	14.0	73.0
Ukraine	27.7	28.2	44.1	12.5	21.4	66.1	16.7	16.2	67.2	7.1	14.1	78.0
United Kingdom	11.3	28.0	60.7	2.0	11.3	86.7	3.2	5.2	91.6	2.6	6.6	90.0

Appendix 7b: Prevalence by Type of Limitation among Older Women (65 and Older) by Country (Not standardized)

	Difficulty in moving around			Difficulty in concentrating/remembering			Difficulty in seeing across the road			Difficulty in selfcare		
	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild
Africa												
Burkina Faso	19.0	28.5	52.5	19.6	16.6	63.8	31.6	20.7	47.7	10.5	10.6	78.9
Chad	21.9	29.2	48.8	19.8	32.3	47.9	31.2	26.3	42.5	14.4	22.6	63.0
Ethiopia	18.3	24.4	57.3	17.8	29.0	53.3	29.5	24.4	46.1	12.9	18.7	68.3
Ghana	14.2	24.8	61.0	13.4	22.8	63.8	19.3	27.4	53.3	4.0	9.3	86.7
Kenya	24.0	30.9	45.1	28.5	20.0	51.4	27.4	24.1	48.5	7.4	26.2	66.3
Mauritania	30.1	32.2	37.7	18.2	33.2	48.5	27.1	24.6	48.3	24.6	30.3	45.1
Malawi	24.5	21.8	53.7	18.5	16.0	65.5	25.2	17.3	57.4	14.2	12.2	73.6
Mauritius	25.3	7.2	67.5	31.1	11.7	57.2	24.8	8.0	67.2	13.3	6.6	80.1
Morocco	39.7	26.4	34.0	47.3	21.2	31.5	35.4	9.4	55.2	25.9	22.1	52.0
Namibia	21.6	26.4	52.0	22.0	21.7	56.2	33.5	24.6	42.0	12.9	20.0	67.1
Senegal	23.6	31.5	44.9	17.0	24.6	58.4	14.1	25.0	60.9	3.4	19.1	77.5
South Africa	18.4	12.5	69.1	16.6	29.3	54.2	12.3	25.7	61.9	13.6	2.9	83.5
Swaziland	54.9	21.4	23.7	45.3	23.0	31.8	43.5	26.5	30.0	32.4	21.2	46.3
Tunisia	27.5	26.1	46.4	18.8	31.4	49.8	30.9	25.5	43.5	16.8	17.8	65.4
Zambia	25.7	21.8	52.5	17.3	19.9	62.8	22.0	21.1	56.9	12.7	14.3	73.1
Zimbabwe	24.8	19.3	55.9	21.0	22.4	56.7	25.9	32.7	41.5	11.6	17.5	70.9
Americas												
Brazil	22.4	23.2	54.5	19.0	26.5	54.4	19.0	15.8	65.2	8.2	8.1	83.7
Dominican Republic	12.5	16.7	70.9	17.8	25.3	57.0	24.8	15.4	59.8	9.5	3.5	87.0
Ecuador	8.5	24.9	66.7	13.9	19.7	66.4	16.9	12.8	70.3	0.9	9.1	90.0
Guatemala	24.7	16.7	58.6	31.8	15.1	53.1	27.2	22.6	50.2	6.3	5.9	87.9
Mexico	16.6	18.5	64.9	9.7	20.5	69.8	12.2	15.6	72.2	6.4	9.7	83.9
Paraguay	11.4	17.7	70.9	13.9	29.9	56.2	21.2	20.6	58.2	3.6	5.6	90.8
Uruguay	2.6	11.0	86.4	2.7	19.1	78.2	5.2	8.7	86.1	0.4	2.8	96.8
South East Asia												
Bangladesh	48.0	26.3	25.7	49.5	30.8	19.7	58.5	13.9	27.6	38.4	28.3	33.3
China	7.9	11.4	80.7	10.1	25.2	64.8	8.7	23.5	67.8	5.2	6.6	88.2
India	36.6	11.3	52.1	46.1	10.8	43.1	30.0	9.4	60.5	28.7	12.8	58.5
Malaysia	5.5	11.7	82.8	8.9	14.9	76.2	9.0	16.8	74.3	2.9	2.7	94.4
Myanmar	9.2	18.5	72.2	10.5	14.5	75.0	18.7	12.3	69.0	2.9	11.0	86.1
Nepal	34.2	19.3	46.5	34.6	17.2	48.2	46.8	15.1	38.1	22.0	13.1	64.9
Lao People's Democratic Rep	9.0	20.8	70.2	12.5	28.1	59.4	19.8	12.8	67.4	2.6	6.8	90.6
Pakistan	23.3	20.8	55.9	18.8	17.4	63.7	29.0	18.6	52.4	14.8	19.4	65.8
Philippines	11.9	42.3	45.8	5.7	40.3	54.0	24.3	27.2	48.6	5.3	29.0	65.7
Sri Lanka	24.1	33.6	42.2	18.5	23.8	57.7	21.7	20.3	58.1	19.8	21.2	59.0
United Arab Emirates	42.6	18.0	39.4	28.5	13.6	57.9	35.3	13.1	51.6	30.3	21.4	48.3
Viet Nam	14.8	17.9	67.3	2.6	21.1	76.2	11.6	21.2	67.2	6.4	8.2	85.4
Europe												
Austria	6.9	17.8	75.2	2.0	7.9	90.1	2.0	9.9	88.1	1.0	8.9	90.1
Belgium	12.9	24.7	62.4	4.3	10.8	84.9	9.7	8.6	81.7	3.2	7.5	89.2
Bosnia and Herzegovina	37.5	24.5	38.0	17.4	18.4	64.2	24.0	16.9	59.1	9.3	22.3	68.4
Croatia	41.1	20.3	38.6	11.9	21.4	66.7	12.5	9.0	78.5	12.3	23.7	64.0
Czech Republic	31.3	27.6	41.0	9.8	26.8	63.4	9.2	18.7	72.2	12.4	12.6	75.0
Denmark	9.4	19.5	71.1	2.3	14.8	82.8	6.3	4.7	89.1	2.3	7.0	90.6
Estonia	27.2	21.4	51.4	11.0	23.5	65.5	12.1	13.9	74.0	10.3	8.9	80.8
Finland	11.0	26.5	62.5	0.6	13.2	86.2	2.4	1.2	96.4	3.0	3.7	93.3
France	12.1	23.3	64.6	4.7	32.2	63.1	12.3	11.2	76.5	7.4	5.3	87.3
Georgia	37.4	31.5	31.1	14.3	22.0	63.7	23.4	27.5	49.1	19.4	16.7	63.9
Germany	11.3	29.4	59.3	1.7	14.1	84.2	3.4	16.4	80.2	5.1	8.5	86.4
Greece	15.9	20.5	63.6	4.5	13.6	81.8	14.8	18.2	67.0	6.8	15.9	77.3
Hungary	27.9	21.0	51.1	5.0	14.7	80.3	10.5	7.3	82.2	7.4	10.0	82.7
Ireland	2.1	22.1	75.8	0.0	13.6	86.4	0.0	18.6	81.4	1.5	6.4	92.1
Israel	20.8	28.9	50.4	8.2	13.9	78.0	12.3	10.5	77.1	14.0	12.2	73.9
Italy	17.0	20.4	62.6	8.8	19.0	72.1	10.9	10.2	78.9	7.5	4.8	87.8
Kazakhstan	14.0	41.2	44.8	23.5	38.7	37.8	13.3	12.7	74.0	3.6	12.5	83.9
Latvia	31.5	36.2	32.3	18.6	32.8	48.6	16.7	15.9	67.4	12.8	21.8	65.4
Luxembourg	15.0	28.3	56.7	0.0	21.7	78.3	3.3	13.3	83.3	3.3	10.0	86.7
Netherlands	8.5	21.4	70.1	2.6	9.4	88.0	3.4	5.1	91.5	0.9	5.1	94.0
Norway	7.2	12.4	80.4	0.8	10.6	88.6	0.0	0.9	99.1	0.8	2.6	96.6
Portugal	17.7	32.6	49.7	6.4	30.8	62.8	15.7	13.4	70.9	6.4	17.7	75.9
Russian Federation	36.0	30.8	33.2	32.7	31.6	35.8	21.2	22.9	56.0	17.9	19.6	62.5
Slovakia	51.2	17.5	31.3	10.5	26.6	62.9	1.3	12.0	86.7	18.4	10.6	71.0
Slovenia	22.1	16.2	61.8	14.7	16.2	69.1	7.4	7.4	85.3	11.8	2.9	85.3
Spain	19.4	20.5	60.0	10.8	20.3	68.9	11.1	15.6	73.3	6.8	9.9	83.3
Sweden	13.6	11.0	75.4	5.5	17.3	77.2	3.1	2.2	94.7	2.2	2.2	95.5
Turkey	34.0	31.4	34.6	24.3	24.4	51.3	22.7	22.2	55.1	15.1	19.9	65.1
Ukraine	29.0	28.3	42.7	14.5	21.4	64.1	18.2	18.4	63.4	6.8	14.8	78.4
United Kingdom	13.2	31.1	55.8	1.1	7.9	91.1	4.2	3.7	92.1	2.6	5.8	91.6

Appendix 7c: Prevalence by Type of Limitation among Older Men (65 and Older) by Country (Not standardized)

	Difficulty in moving around			Difficulty in concentrating/remembering			Difficulty in seeing across the road			Difficulty in selfcare		
	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild	Severe or Extreme	Moderate	None or Mild
<u>Africa</u>												
Burkina Faso	18.1	23.7	58.2	12.1	23.9	64.0	21.8	20.2	58.0	5.6	13.8	80.6
Chad	20.1	26.6	53.2	13.6	27.7	58.7	24.5	24.8	50.7	10.9	12.3	76.8
Ethiopia	9.9	11.4	78.7	9.7	11.3	78.9	20.1	13.9	66.0	3.7	13.4	82.8
Ghana	19.1	24.0	57.0	9.9	25.7	64.5	26.9	23.5	49.6	12.2	7.5	80.2
Kenya	15.0	29.6	55.4	12.9	22.5	64.6	21.2	16.8	62.0	2.5	8.9	88.6
Mauritania	16.3	31.0	52.7	15.3	32.0	52.7	22.6	26.8	50.6	10.1	26.0	63.9
Malawi	13.7	15.0	71.3	9.1	7.6	83.3	19.2	14.1	66.7	4.9	7.9	87.2
Mauritius	19.0	14.7	66.3	21.1	14.6	64.3	26.6	11.1	62.4	10.1	8.9	81.0
Morocco	29.2	11.7	59.2	22.6	18.5	58.9	24.8	10.3	64.9	17.8	5.3	76.8
Namibia	16.1	19.2	64.7	18.1	13.5	68.5	22.0	23.0	55.0	8.5	6.3	85.2
Senegal	19.6	23.0	57.4	7.8	23.2	69.0	27.9	16.3	55.8	7.9	16.4	75.7
South Africa	17.6	26.1	56.2	15.3	24.1	60.6	11.8	29.1	59.0	5.1	17.0	77.9
Swaziland	50.7	13.0	36.4	28.3	14.9	56.8	39.3	7.4	53.3	25.8	14.4	59.8
Tunisia	21.7	18.5	59.8	18.4	14.4	67.2	23.0	19.3	57.4	9.6	15.4	75.1
Zambia	16.1	19.0	65.0	3.0	20.0	77.1	20.4	27.8	51.8	4.0	13.7	82.3
Zimbabwe	30.7	20.3	49.0	18.9	29.2	51.9	38.9	16.3	44.8	10.3	13.7	76.1
<u>Americas</u>												
Brazil	19.8	14.2	66.0	15.9	18.0	66.1	19.0	13.1	67.9	8.2	6.6	85.2
Dominican Republic	18.2	5.7	76.2	7.2	6.2	86.6	15.6	9.2	75.2	4.5	5.6	89.9
Ecuador	11.4	19.4	69.1	11.1	27.2	61.7	19.4	24.1	56.5	4.9	10.4	84.7
Guatemala	15.3	8.7	76.0	20.2	17.4	62.4	23.1	19.0	57.9	1.7	3.7	94.6
Mexico	12.6	17.0	70.4	7.0	17.2	75.8	11.6	14.3	74.1	4.8	7.9	87.2
Paraguay	10.2	10.1	79.7	10.0	16.9	73.2	20.0	13.0	67.0	0.6	0.9	98.5
Uruguay	2.7	8.4	88.8	0.8	11.9	87.3	5.9	9.5	84.5	0.5	1.8	97.8
<u>Asia</u>												
Bangladesh	28.6	23.5	47.9	22.4	23.7	53.9	33.1	16.9	50.0	12.2	24.5	63.3
China	4.9	14.9	80.2	5.0	23.6	71.4	9.2	15.2	75.5	3.6	6.2	90.2
India	28.3	15.8	55.9	23.9	19.5	56.6	29.7	12.9	57.4	19.3	14.5	66.2
Malaysia	3.1	8.3	88.6	4.5	9.5	86.0	7.3	12.4	80.3	1.4	0.5	98.1
Myanmar	4.6	16.3	79.1	5.0	22.3	72.7	14.9	15.2	69.9	2.6	8.5	88.9
Nepal	35.6	16.5	47.9	27.5	15.8	56.7	36.1	14.2	49.8	18.5	13.2	68.3
Lao People's Democratic F	14.5	16.9	68.6	14.1	28.2	57.7	12.8	21.1	66.1	3.8	11.9	84.3
Pakistan	8.1	26.7	65.2	14.0	10.1	75.9	6.8	23.7	69.5	3.0	17.4	79.6
Phillippines	17.1	34.1	48.8	15.0	33.3	51.7	29.8	26.5	43.7	8.0	30.3	61.7
Sri Lanka	14.2	26.6	59.2	10.0	17.1	72.8	12.6	14.0	73.4	12.1	15.5	72.4
United Arab Emirates	3.4	15.6	81.0	5.2	28.0	66.8	9.8	13.5	76.6	2.2	24.9	73.0
Viet Nam	5.9	17.0	77.1	3.1	15.0	81.9	19.2	22.8	58.0	3.1	6.5	90.4
<u>Europe</u>												
Austria	2.1	19.1	78.7		10.6	89.4	2.1	6.4	91.5		4.3	95.7
Belgium	4.8	22.6	72.6	4.8	12.9	82.3	4.8		95.2	3.2	6.5	90.3
Bosnia and Herzegovina	36.7	23.6	39.7	15.4	24.8	59.7	9.1	9.5	81.3	11.9	16.3	71.8
Croatia	32.5	33.0	34.5	12.3	22.7	65.0	7.6	13.7	78.7	12.4	18.1	69.5
Czech Republic	31.4	18.3	50.3	6.9	26.4	66.7	4.2	9.2	86.6	10.3	14.1	75.6
Denmark	8.6	14.3	77.1	1.9	16.2	81.9	1.9	4.8	93.3	1.0	0.0	99.0
Estonia	18.6	25.9	55.5	7.8	16.2	75.9	7.4	11.1	81.5	1.4	11.1	87.5
Finland	13.1	17.4	69.6	0.0	12.3	87.7	0.0	3.3	96.7	3.2	5.0	91.8
France	3.6	21.5	74.8	2.4	9.3	88.3	0.9	8.0	91.1	0.0	4.7	95.3
Georgia	21.7	32.5	45.8	6.6	21.6	71.9	12.9	22.5	64.6	10.2	19.2	70.7
Germany	11.7	17.2	71.1	1.6	12.5	85.9	2.3	3.9	93.8	3.9	5.5	90.6
Greece	8.2	13.4	78.4	3.1	10.3	86.6	5.2	14.4	80.4	5.2	5.2	89.7
Hungary	23.8	17.8	58.4	8.1	15.3	76.7	11.3	6.7	82.0	7.1	6.0	86.8
Ireland	2.3	11.4	86.2	0.0	8.0	92.0	1.5	5.1	93.4		5.5	94.5
Israel	17.5	22.8	59.7	6.7	16.0	77.2	4.5	11.2	84.4	11.2	5.6	83.2
Italy	12.0	18.7	69.3	2.7	13.3	84.0	5.3	9.3	85.3	5.3	14.7	80.0
Kazakhstan	10.1	27.3	62.5	13.4	47.4	39.2	17.3	29.5	53.3	1.2	4.2	94.5
Latvia	32.6	21.3	46.2	18.1	26.4	55.4	8.4	23.5	68.1	9.7	13.5	76.9
Luxembourg	6.8	11.4	81.8	0.0	13.6	86.4	6.8	0.0	93.2	0.0	2.3	97.7
Netherlands	0.0	18.8	81.3	0.0	8.3	91.7	2.1	0.0	97.9	0.0	0.0	100.0
Norway	9.4	8.1	82.6	0.9	7.2	91.9	5.0	3.2	91.7	0.0	3.1	96.9
Portugal	12.4	19.4	68.2	2.4	16.6	81.1	9.1	10.8	80.1	5.7	6.6	87.6
Russian Federation	19.9	30.6	49.4	26.5	29.0	44.5	14.2	22.8	63.1	5.6	21.6	72.8
Slovakia	8.5	42.6	48.9	29.3	1.3	69.4		11.9	88.1		12.2	87.8
Slovenia	20.7	27.6	51.7	12.1	13.8	74.1	8.6	5.2	86.2	5.2	8.6	86.2
Spain	12.9	15.2	72.0	7.5	15.0	77.5	7.6	9.3	83.1	4.3	6.1	89.5
Sweden	12.4	21.2	66.3	1.1	14.6	84.3	5.4	0.9	93.7	1.8	3.5	94.7
Turkey	20.6	22.0	57.4	14.6	15.2	70.2	16.2	15.8	68.0	10.3	8.8	81.0
Ukraine	25.3	28.0	46.6	8.9	21.4	69.7	13.8	12.1	74.1	7.8	12.7	79.5
United Kingdom	9.0	24.4	66.7	3.2	15.4	81.4	1.9	7.1	91.0	2.6	7.7	89.7