



# Measurement of Disability through Census

National Experiences: **INDIA**



Office of the Registrar General & Census Commissioner, India

UN Expert Group Meeting, July 12-14, 2017

# Approaches adopted: Census 2011



- Disability question was a part of 'Household Questionnaire' in 2011.
- Asked of all persons in the Household.
- Enumerators were instructed to contact the disabled person in the household besides the respondent to collect information
- All types of households ('Normal', 'Institutional' and 'Houseless' ) covered.
- Questions & Instructions on disability were finalized after:
  - Field Trial of selected Questions including disability in selected area
  - Extensive deliberation with civil society & nodal Ministry
  - Pre-test of all census questions covering rural/urban samples in all States

# Approaches adopted: Census 2011



- Outcome of Field Trial & Pre-test
  - Along with question on type of disability, question on extent of disability (Totally disabled - 1 / Partially disabled -2) was tested.
  - Response on extent of disability was not encouraging, and therefore dropped
- Aspects considered in finalizing questions:
  - Simple nomenclature of the types/categories of disability for easy comprehension by both Enumerator & Respondent
  - Relevance of data for the planners & policy makers
  - Feasibility of canvassing the question
  - To cover all types of disabilities as listed in the Persons with Disabilities Act, 1995 and National Trust Act, 1999

# Questions Canvassed in Census 2011

**Q. 9**

## Disability

**9(a)** Is this person mentally / physically disabled?  
Yes-1/No-2



Filter question

**9(b)** If 'Yes' in 9(a), give code in the box against 9(b) from the list below

**9(c)** If 'multiple disability' (Code '8') in 9(b), give maximum three codes in boxes against 9(c) from the list below

9(a)

9(b)

9(c)

Codes



### Q.9 Disability

In Seeing .....1	Mental Retardation..5
In Hearing.....2	Mental Illness.....6
In Speech.....3	Any Other .....7
In Movement...4	Multiple Disability....8

## Training

- Intensive training at various levels
- Training imparted to National/Regional Trainers by experts from disability sector
- National Centre for Promotion of Employment for Disabled People (NCPEDP) and its alliance partners were associated in developing training modules, imparting training and sensitizing Census functionaries.

# Special Efforts Made to Improve Coverage 2011 (Contd.)



## Publicity

- Wide publicity through electronic and print media.
- Special Audio/ video/ E-learning modules/ Leaflets
- Seminars and workshops
- Banners and Posters
- Events like Auto Rickshaw rally, car rally, Cycle rally etc.
- Enumerators' kit included a special flier on disability



# Challenges Faced



- Imparting training to about 2.5 million field functionaries was a herculean task
- Creation of public awareness for sharing such sensitive information
- Still a social stigma (Infants, Girl child, married women)
- Being very sensitive, probing questions were asked for eliciting/collecting correct information
- Disability by magnitude/extent, a vital indicator, is difficult to be captured through Census exercise

# Lessons Learned 2011



- Positive impact noticed by associating concerned NGOs and civil societies for:
  - Deciding the questionnaire on disability
  - Preparing instruction for enumerators
  - Imparting training to field functionaries
  - Creating public awareness
- Filter question for disability resulted in qualitative data
- A balanced publicity campaign to be resorted to



# Data Highlights

# Disabled Population by Sex and Residence India : 2011



(In millions)

## Disabled Population by Sex and Residence India, 2011

Residence	Persons	Males	Females
Total	26.8	18.6	8.2
Rural	15.0	10.4	4.6
Urban	11.8	8.2	3.6

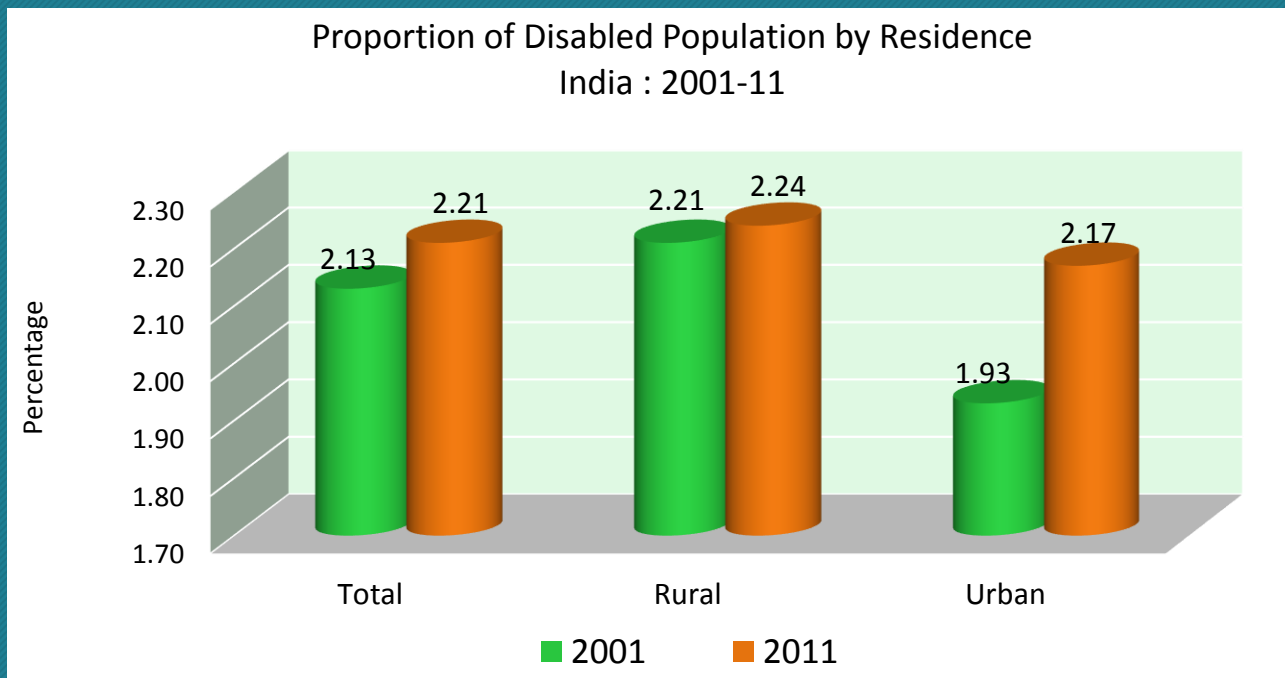
# Disabled Population by Sex and Residence India : 2011



## Percentage of Disabled to total population India, 2011

Residence	Persons	Males	Females
Total	2.21	2.40	2.01
Rural	2.24	2.43	2.03
Urban	2.17	2.34	1.98

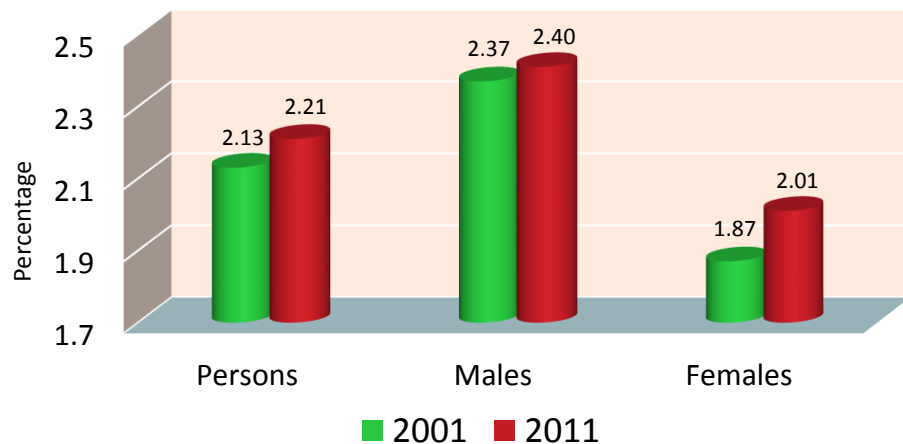
# Disabled Population by Residence India : 2001-2011



- Percentage of disabled persons in India has increased both in rural and urban areas during the last decade.
- Proportion of disabled population is higher in rural areas
- Decadal increase in proportion is significant in urban areas

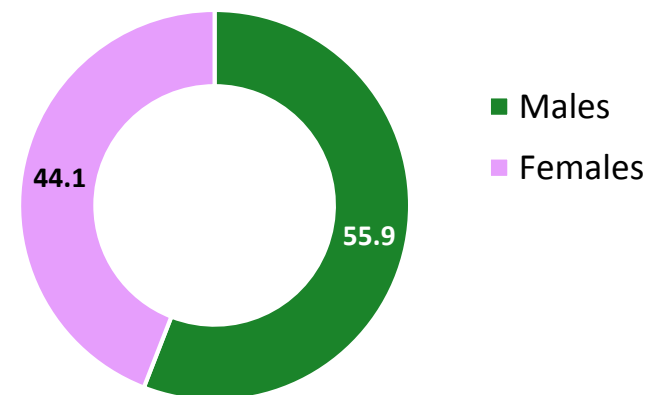
# Disabled Population by Sex India : 2001-2011

Proportion of Disabled Population by Sex  
India : 2001-11

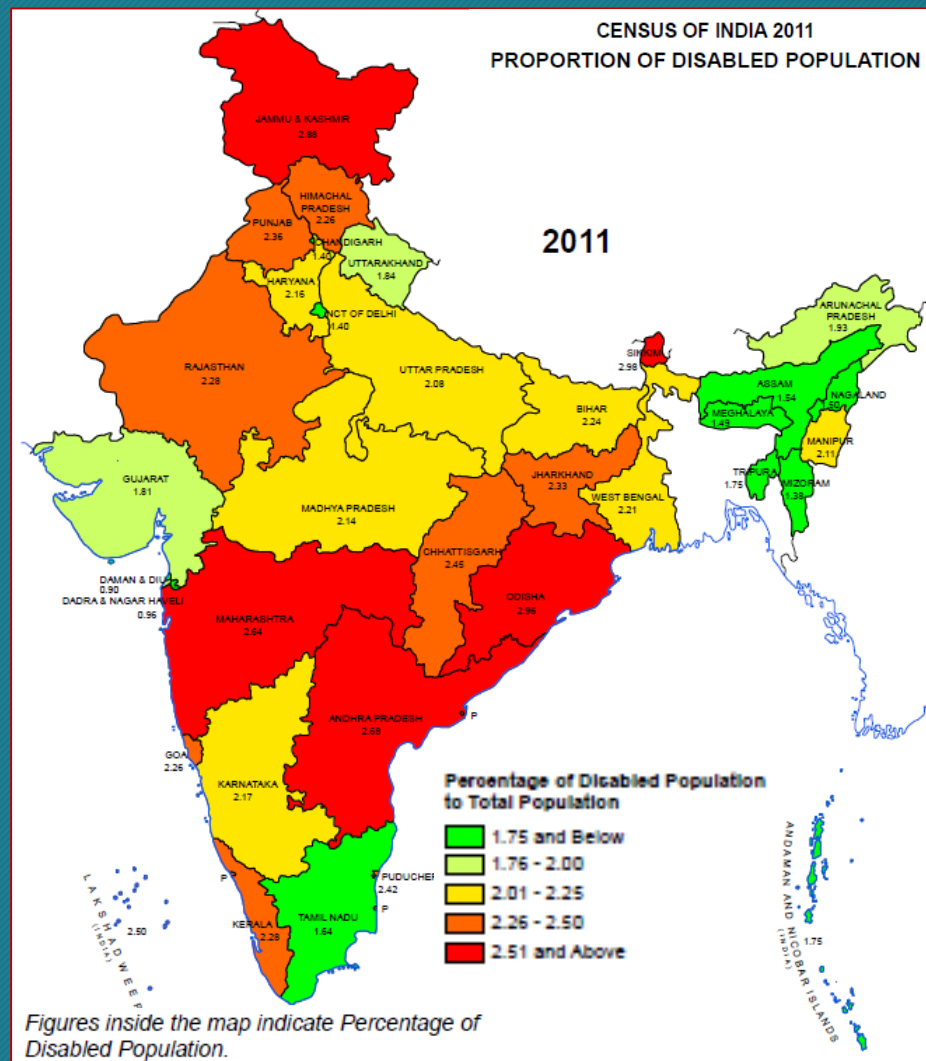


- Slight increase in disability among both the sexes over the decade
- Proportion of disabled population is higher among males
- Decadal Increase in proportion is higher among females

Percentage Share of  
Disabled Population by Sex  
India, 2011



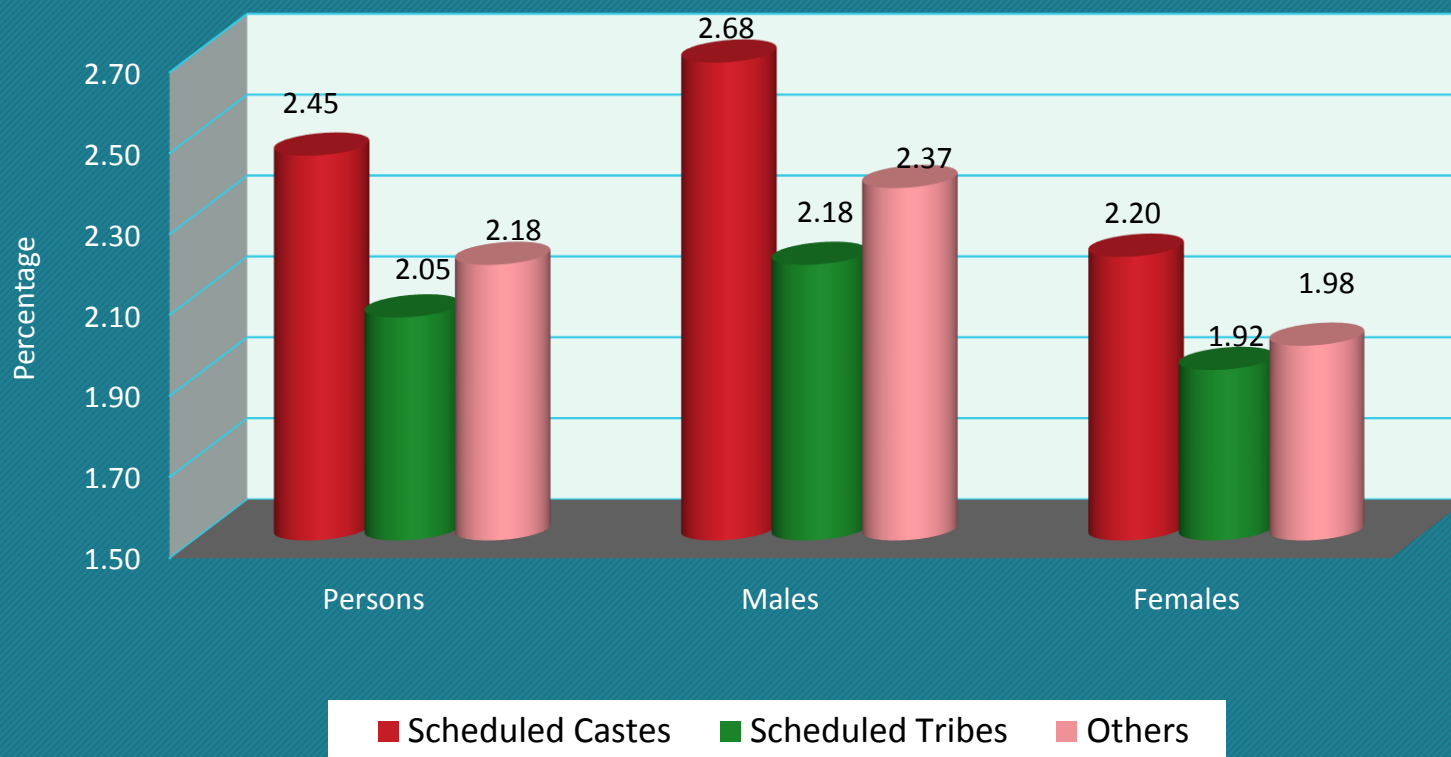
# Proportion of Disabled Population India and States/UTs : 2011



# Disability by Social Groups India : 2011



Proportion of Disabled Population  
by Social Groups: India, 2011  
( In Percentage )



# Disabled Population by Type of Disability (%)

## India : 2011

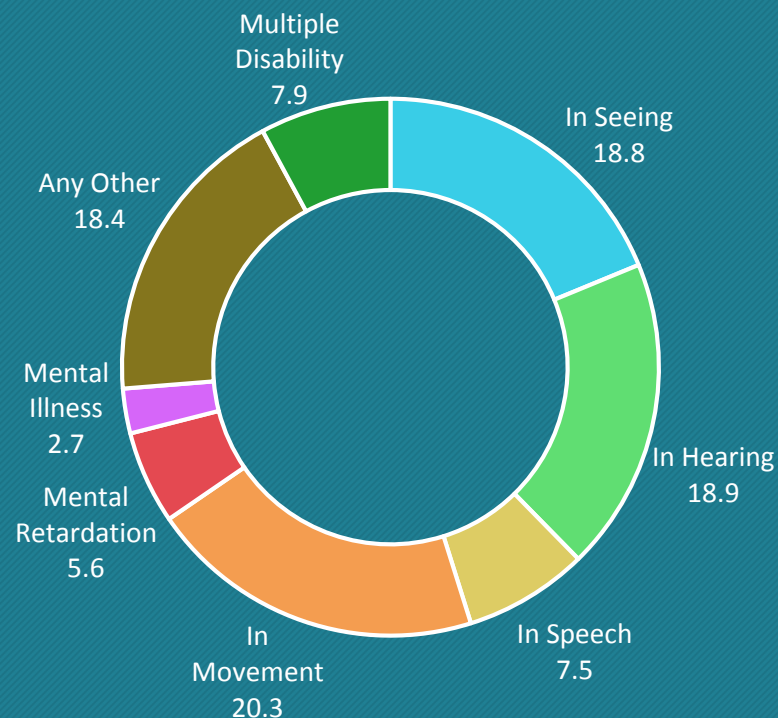


( % )

**Proportion of Disabled Population  
by Type of Disability  
India : 2011**

Type of Disability	Persons	Males	Females
<b>Total</b>	100.0	100.0	100.0
In Seeing	18.8	17.6	20.2
In Hearing	18.9	17.9	20.2
In Speech	7.5	7.5	7.4
In Movement	20.3	22.5	17.5
Mental Retardation	5.6	5.8	5.4
Mental Illness	2.7	2.8	2.6
Any Other	18.4	18.2	18.6
Multiple Disability	7.9	7.8	8.1

**Proportion of Disabled Population  
by Type of Disability  
India : 2011  
(Persons)**





# Disabled Population by Age and Sex India : 2011

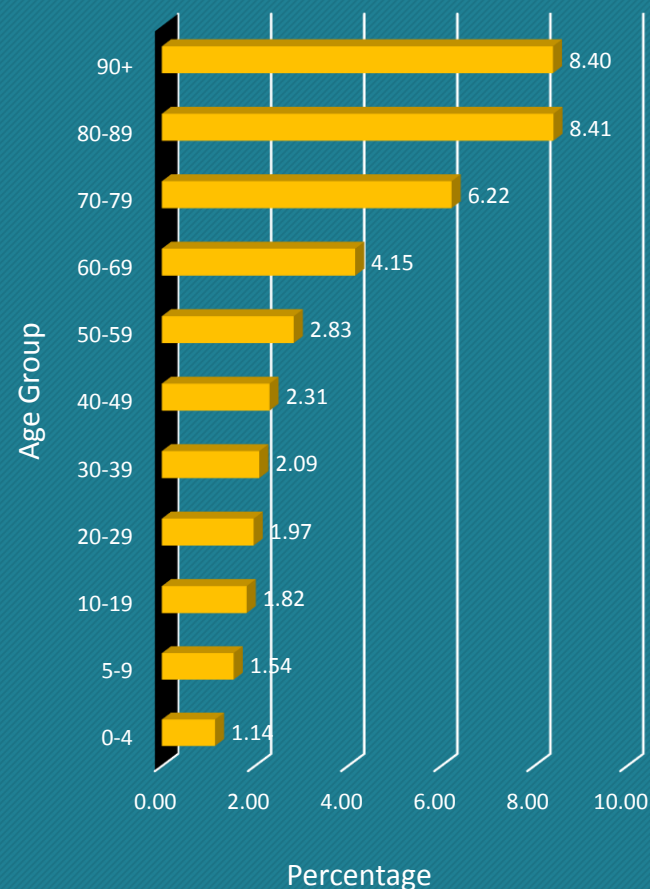


( % )

## Proportion of Disabled Population in the Respective Age Groups India : 2011

Age Group	Persons	Males	Females
<b>All Ages</b>	<b>2.21</b>	<b>2.40</b>	<b>2.01</b>
0-4	1.14	1.18	1.11
5-9	1.54	1.63	1.44
10-19	1.82	1.96	1.67
20-29	1.97	2.22	1.70
30-39	2.09	2.41	1.77
40-49	2.31	2.66	1.94
50-59	2.83	3.16	2.47
60-69	4.15	4.41	3.89
70-79	6.22	6.26	6.19
80-89	8.41	8.33	8.48
90+	8.40	7.88	8.85
Age Not Stated	3.07	3.21	2.91

## Proportion of Disabled Population in the Respective Age Group India, 2011

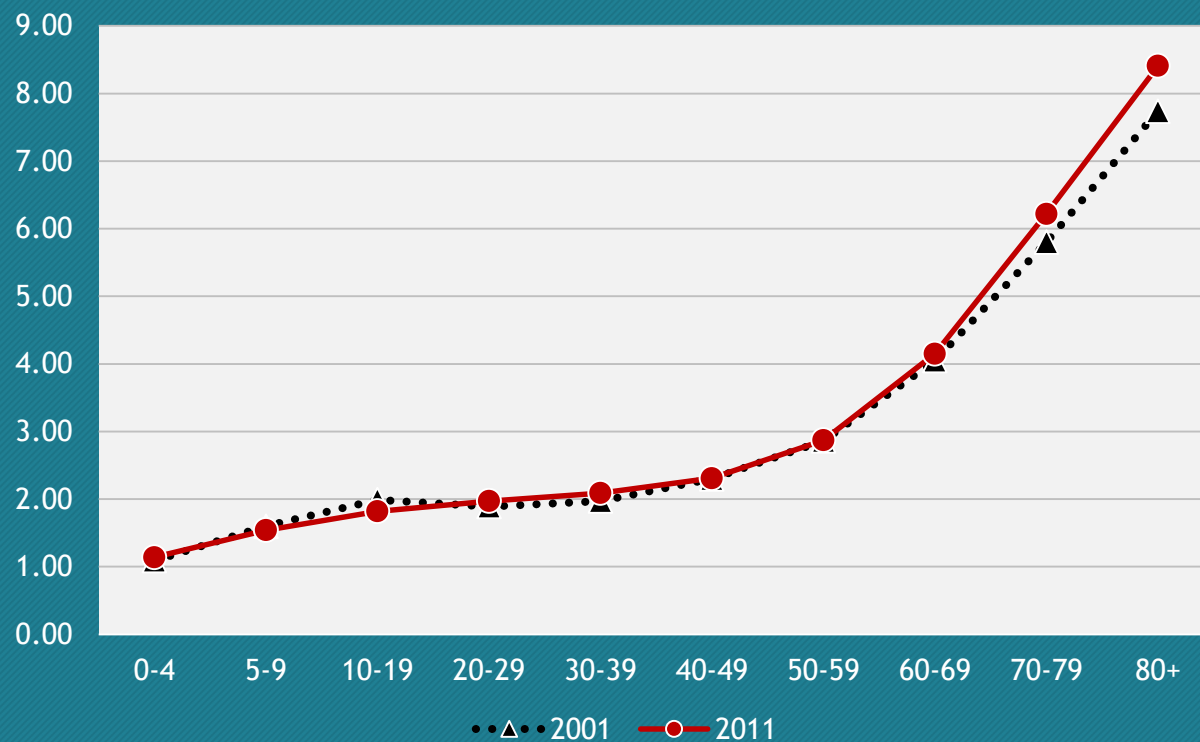


# Proportion of Disabled Population in the respective age groups

## India : 2001-11



Proportion of Disabled Population by Age Groups  
India, 2001-11

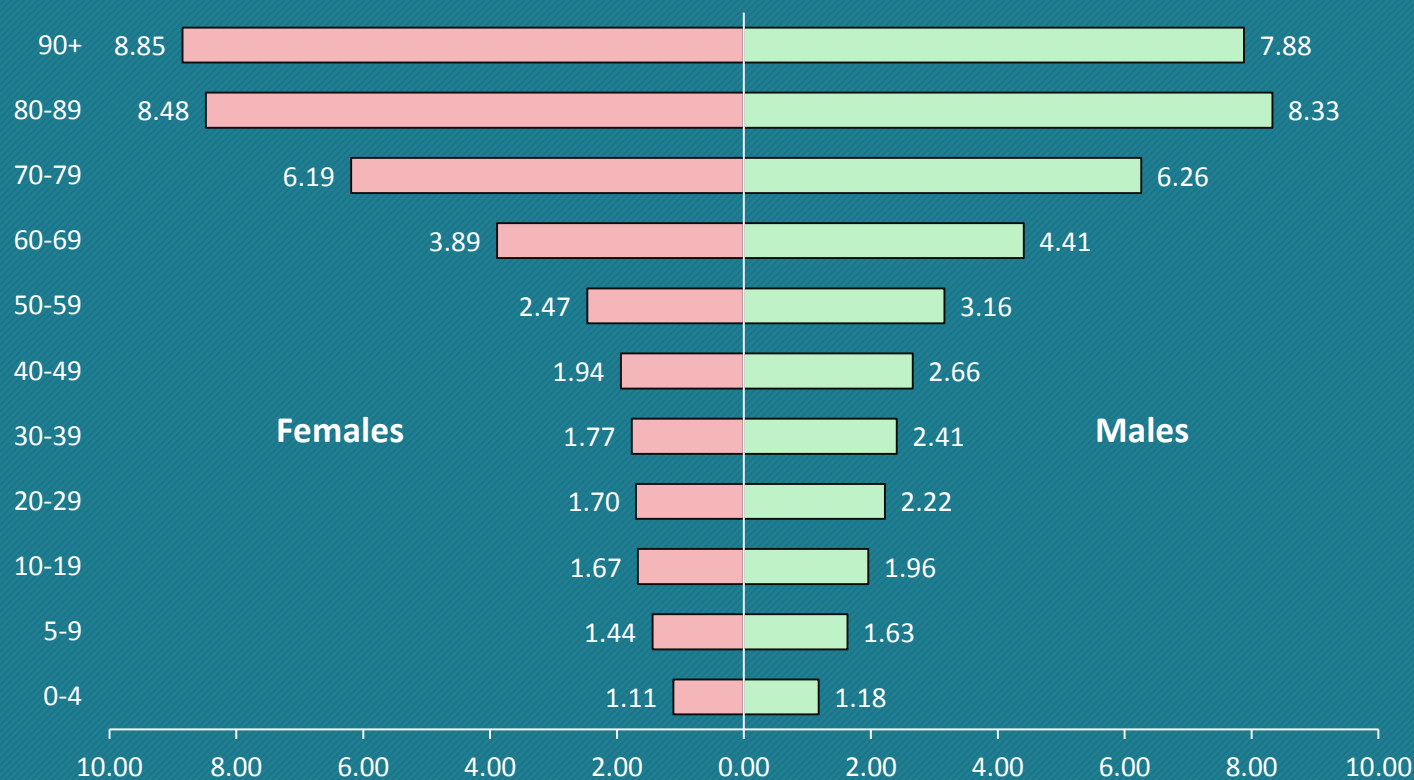


# Proportion of Disabled Population in the respective age groups by sex

## India : 2011



( % )



- Disability among males is higher up to the age group 70-79
- Disability among females is higher thereafter

# Changes in Types of Disability After Census 2011



- Peoples With Disability Act (PWD) 1995 contained 7 types of disability
- Rights of PWD Act (RPWD) 2016 now contains 21 types of disability
- More elaborate, inclusive and exhaustive
- Changes are under scrutiny for incorporation in forthcoming Census 2021

# Rights of PWD Act (RPWD) 2016

	Type of Disability		Type of Disability
A	<b>Physical</b>	B	<b>Intellectual</b>
a	<b>Locomotor</b>		11. Specific learning disability
	1. Leprosy cured person		12. Autism spectrum disorder
	2. Cerebral palsy	C	<b>Mental</b>
	3. Dwarfism		13. Mental illness
	4. Muscular dystrophy		14. Mental retardation
	5. Acid attack victims	D	<b>Disability caused due to neurological conditions and Blood disorder</b>
b	<b>Visual</b>		15. Multiple sclerosis
	6. Blindness		16. Parkinson's disease
	7. Low-vision		17. Haemophilia
c	<b>Hearing</b>		18. Thalassemia
	8. Deaf		19. Sickle cell disease
	9. Hard of hearing	E	<b>20. Multiple</b>
d	<b>10. Speech &amp; Language</b>	F	<b>21. Any other</b>



# Thank You

Website: <http://www.censusindia.gov.in>