



# Epidemiological overview of disability

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persons with  
disabilities **die up to**  
**20 years** earlier than  
those without  
disabilities *(WHO, 2023)*.



Persons with  
disabilities find  
**inaccessible and  
unaffordable  
transportation 15  
times more difficult  
than for those  
without disabilities**

*(WHO 2023)*



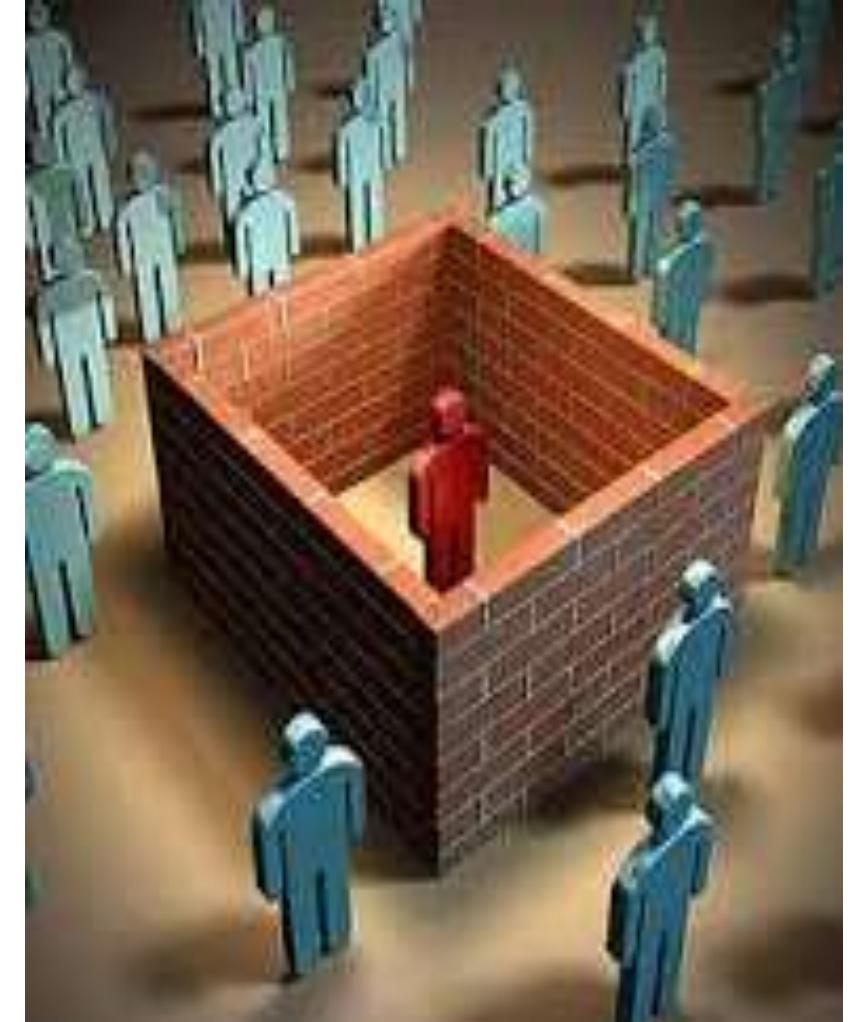
Persons with disabilities **have twice the risk of developing conditions such as depression, asthma, diabetes, stroke, obesity or poor oral health.** *(WHO 2023)*



Persons with  
disabilities face  
many **health**  
**inequities.** *(WHO 2023)*



Health inequities arise from unfair conditions faced by persons with disabilities, including **stigma, discrimination, poverty, exclusion from education and employment** (WHO 2023)





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# SUSTAINABLE DEVELOPMENT GOALS





**Disability is referenced in various parts of the SDGS ,specifically in parts related to:**

- education **(Goal 4)**
- growth and employment**(Goal 8)**
- inequality**(Goal 10)**
- accessibility of human settlements**(Goal 11)**
- data collection and monitoring **(Goal 17)**

# what's the difference?

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**Impairment,  
Disabilities,  
and Handicap**



# Impairment

It can be an injury, illness, accident, trauma or any congenital condition that cause an **abnormality of anatomical, psychological or physiological** function.

Impairment can be the cause of disability

# Disability

any **restriction or lack** na morf gntiluser)  
eht ni ytivtica na mrofrep ot ytiliba fo (tnemriapmi  
a rof lamron deredisnoc egnar eht nihtiw ro rennam  
gnieb namuh

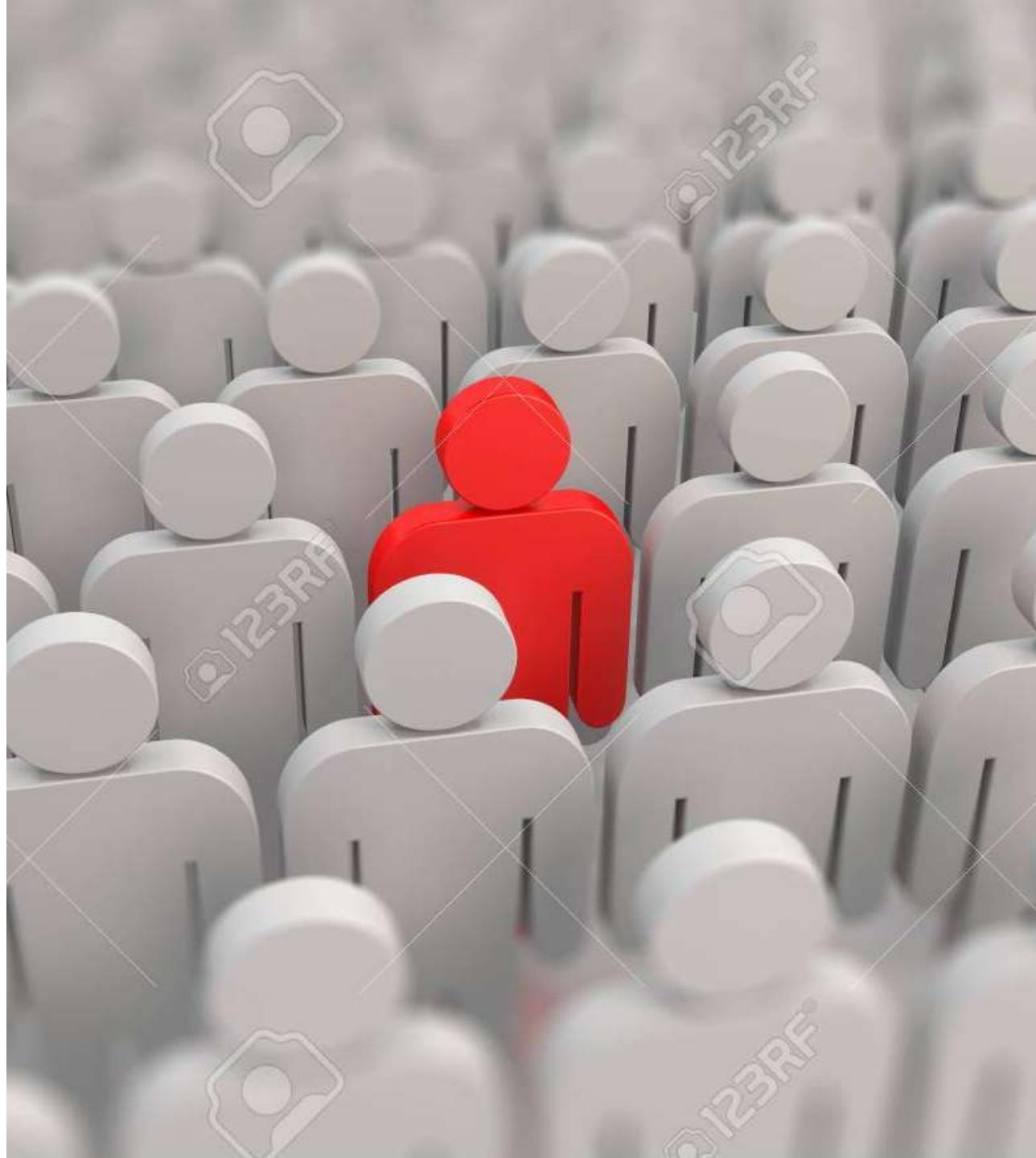
# Handicap

A handicap refers to the **disadvantage** for an individual that **restricts and limits any activity** .

It is the result of impairment and disability. It is not characteristic of a person. It defines the **relationship between the person and the environment**



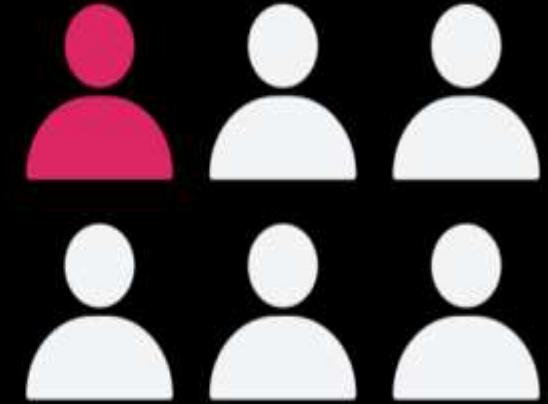
# Prevalence of disability



# A-Globally

1 in 6

people in the US  
have a disability

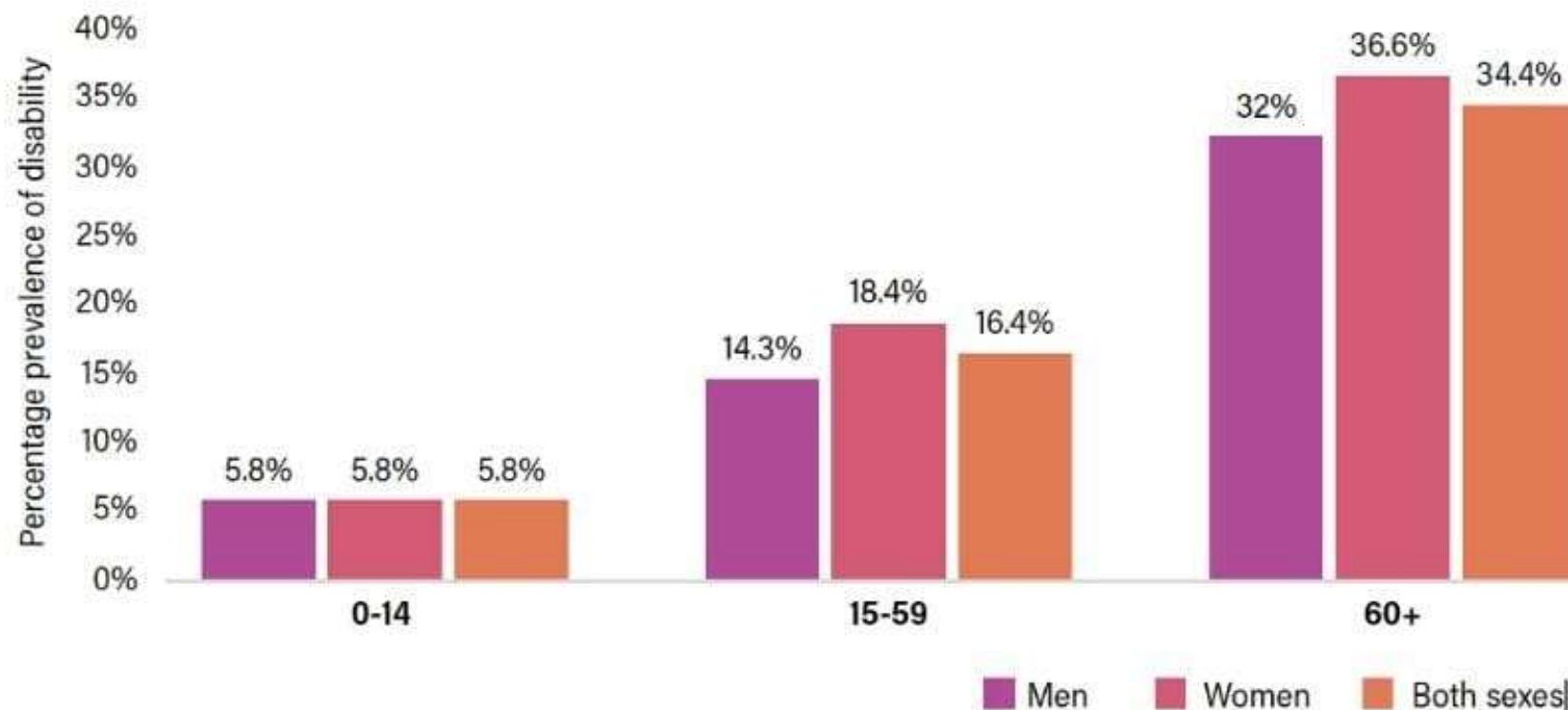


Source: World Health Organization, 2022

An estimated **1.3 billion** people experience significant disability .

This represents **16 %** of the world's population, or **1 in 6** of us.

Figure 7 Prevalence of disability, by age and sex, 2021



Source: Global burden of disease data, 2021

## B-in Egypt

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- according to the Central Agency for Public Mobilization & Statistics ,above **11 million** people in Egypt are living with some type of disability
- **(CAPMAS)** indicated that the number of persons with disability in Egypt reached **10.5 percent** of the whole population.



**CAUSE**

A

B

N

E

F

## The most common causes of impairment and disability include

1. chronic diseases such as diabetes, cardiovascular disease and cancer
2. HIV/AIDS and other communicable diseases.
3. birth defects



# 4-Malnutrition

Common micro-nutrient deficiencies that affect disability include:

- Vitamin A deficiency  
(blindness)
- Vitamin D deficiency  
(rickets)
- Iron deficiency  
( anemia, which impedes learning and activity)
- Calcium deficiency  
( osteoporosis (fragile bones))

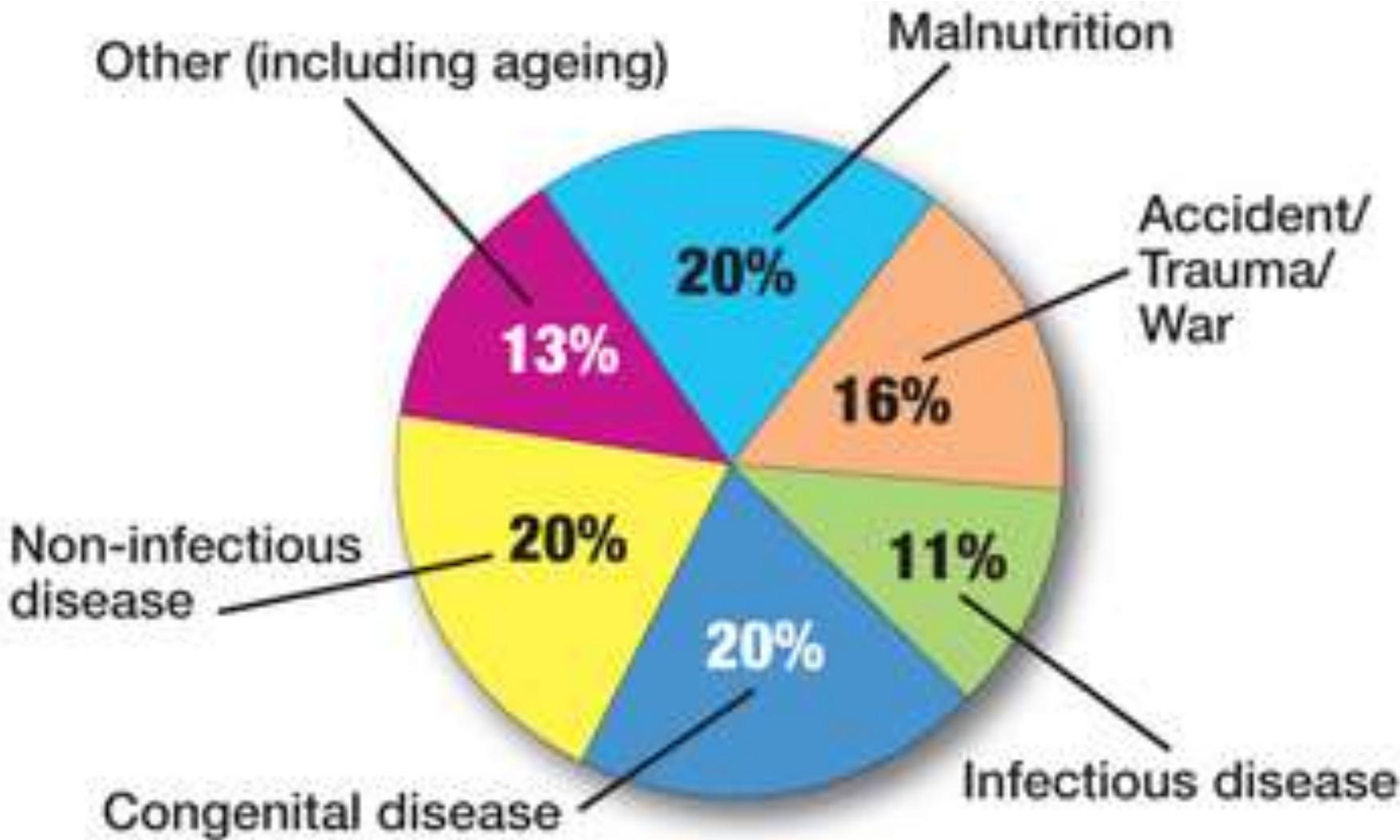


## 5-injuries such as those due to road traffic crashes ,conflicts, and falls

- War has been the single largest factor responsible for causing permanent disablement
- It is estimated that road traffic accidents will be ranked as the third leading cause of disability in the Asian

## 6-Occupational Hazards: for ex. low standards of safety and hazardous working conditions

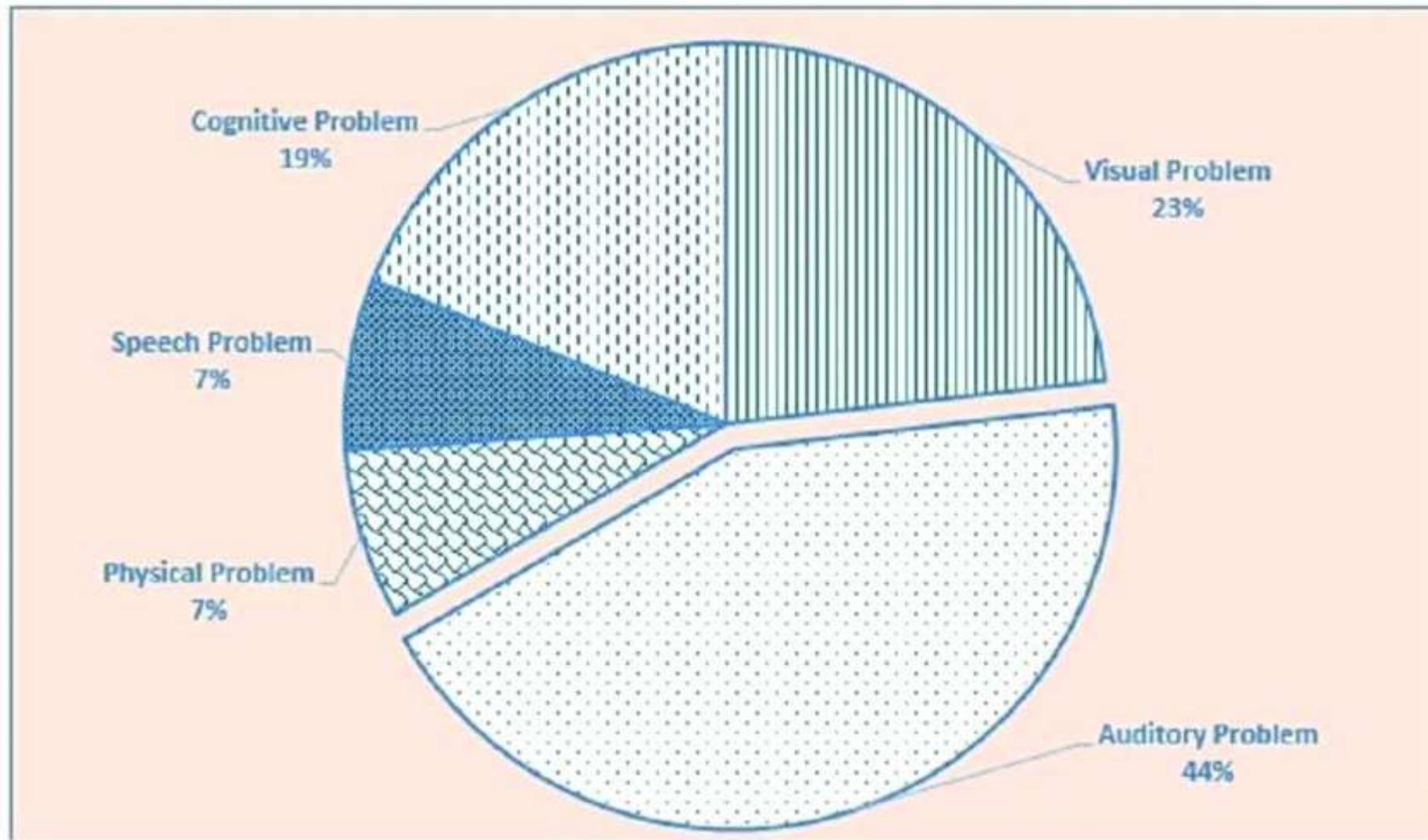




# Main forms of disability

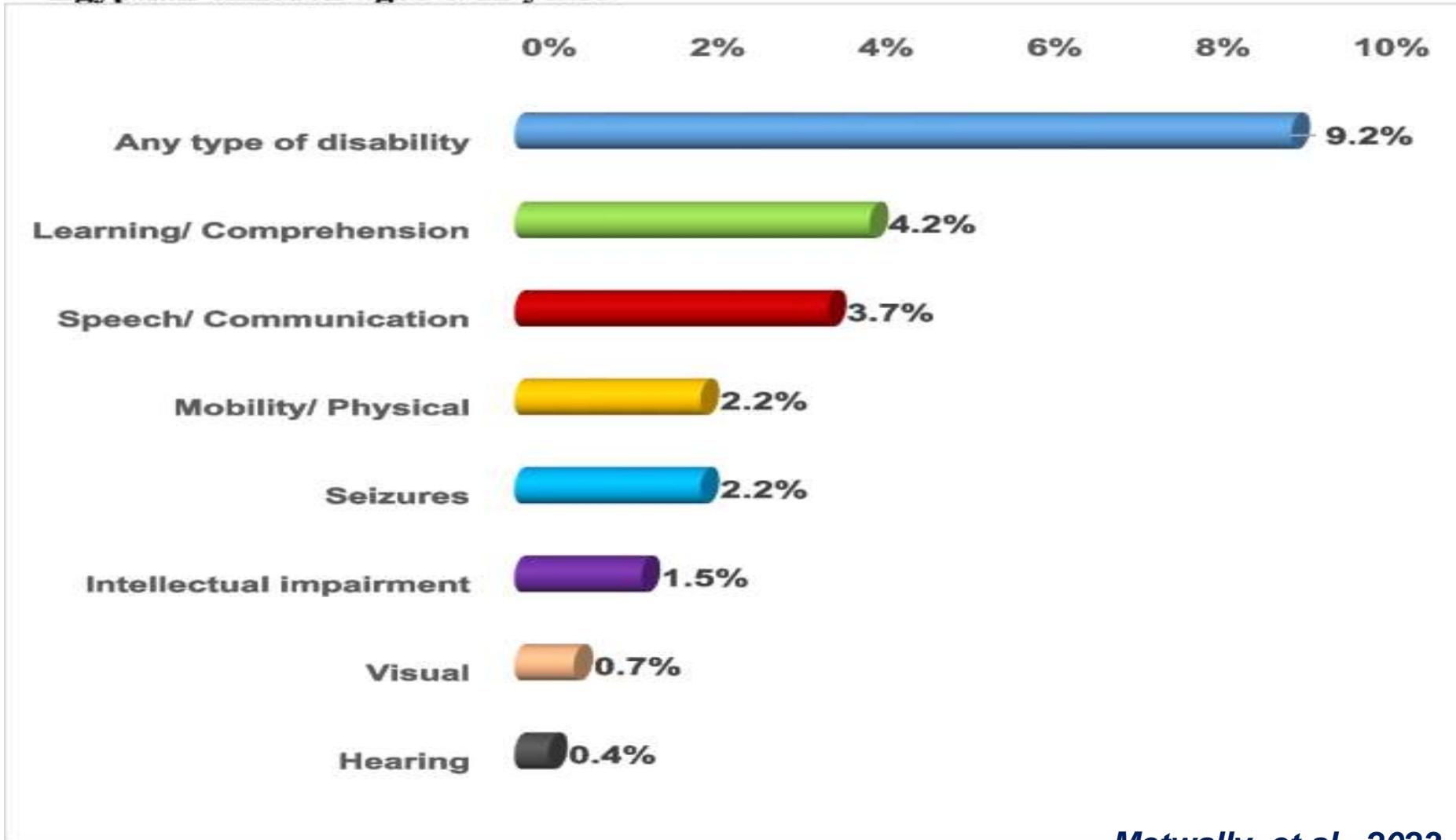


# forms of disability Globally



# forms of disability Egypt

**Prevalence of the various types of disabilities out of the 20324 surveyed Egyptian children aged 6-12 years**



# References

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Thank  
you!