



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)



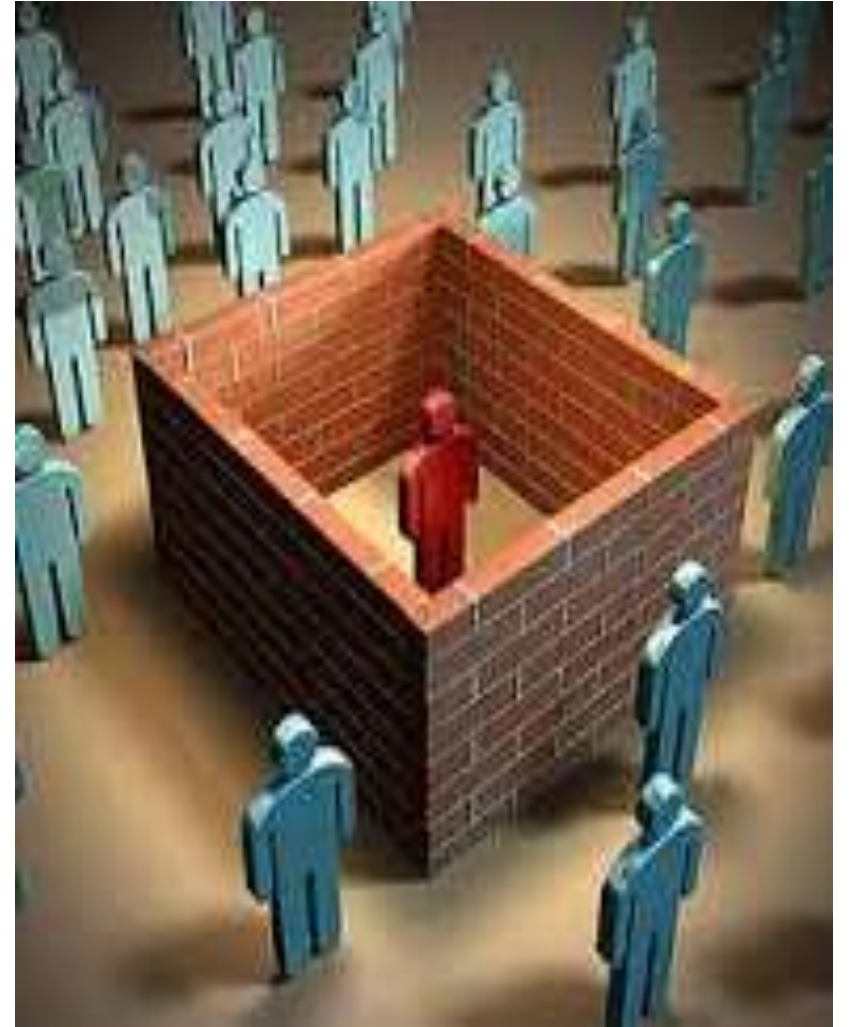
Persons with disabilities have twice the risk of developing conditions such as depression, asthma, diabetes, stroke, obesity or poor oral health. *(WHO 2023)*



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)*





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?

**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



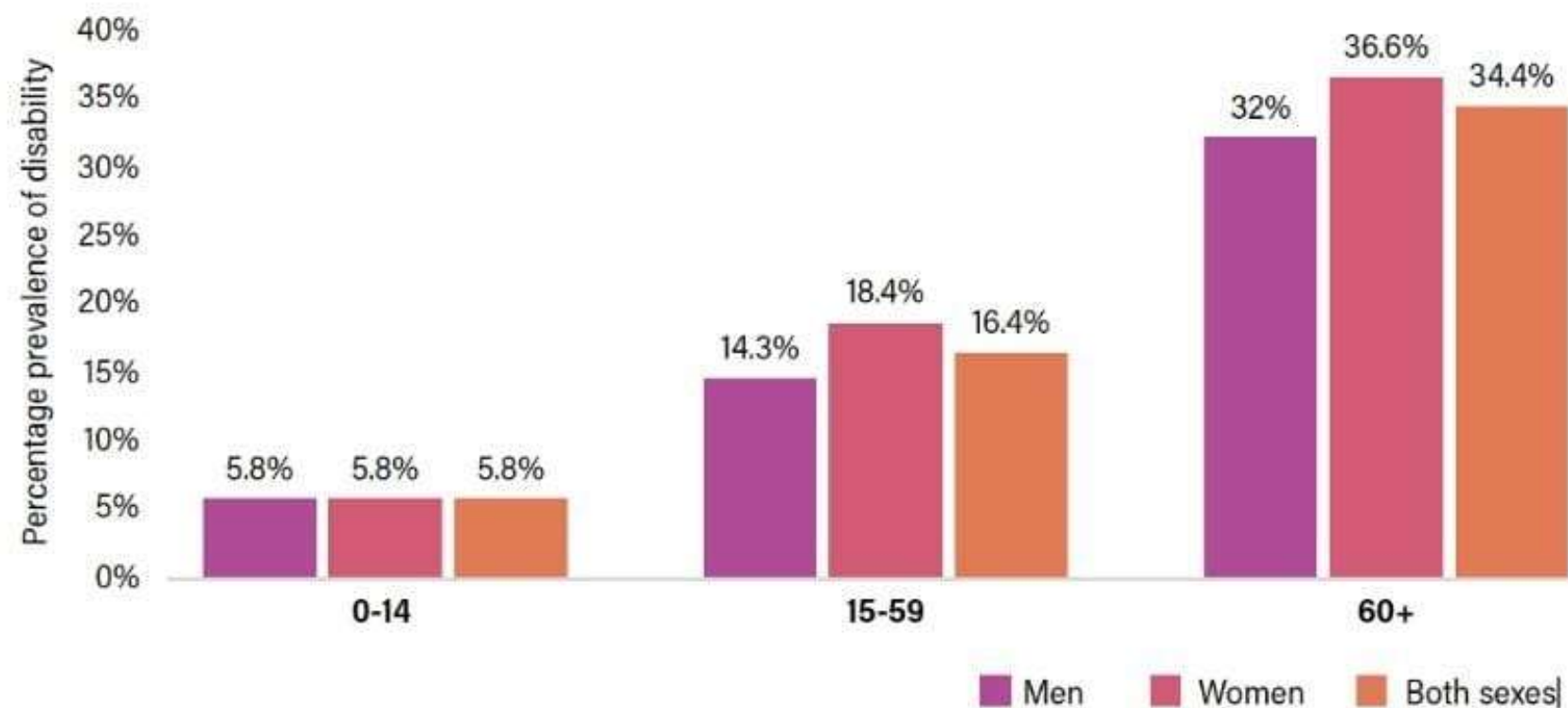
A-Globally



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

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

Figure 1 Prevalence of disability, by age and sex, 2021



Source: Global burden of disease data, 2021



B-in Egypt

- 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

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M

T

U



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)

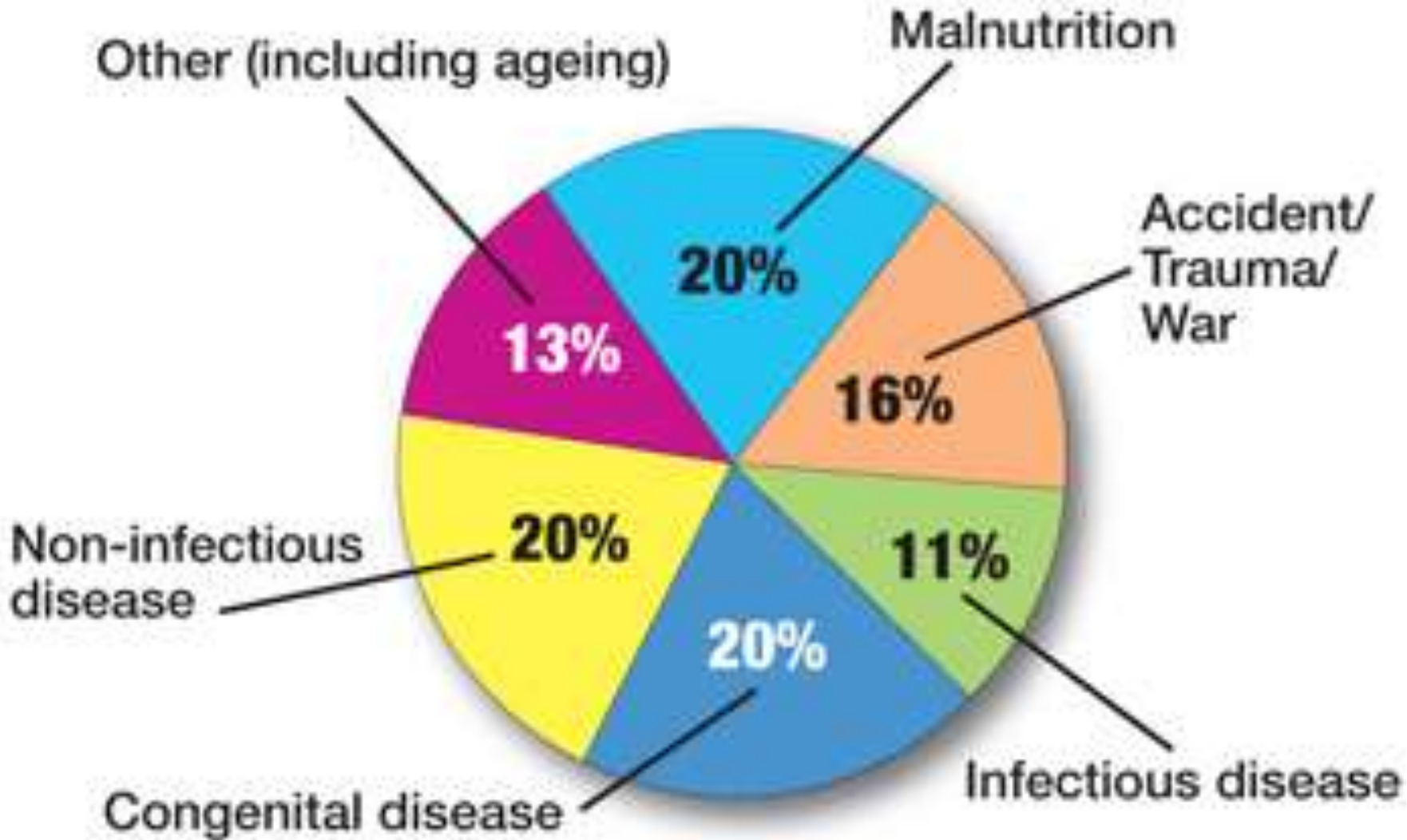


5-injuries such as those due to road traffic crashes ,conflicts, and falls

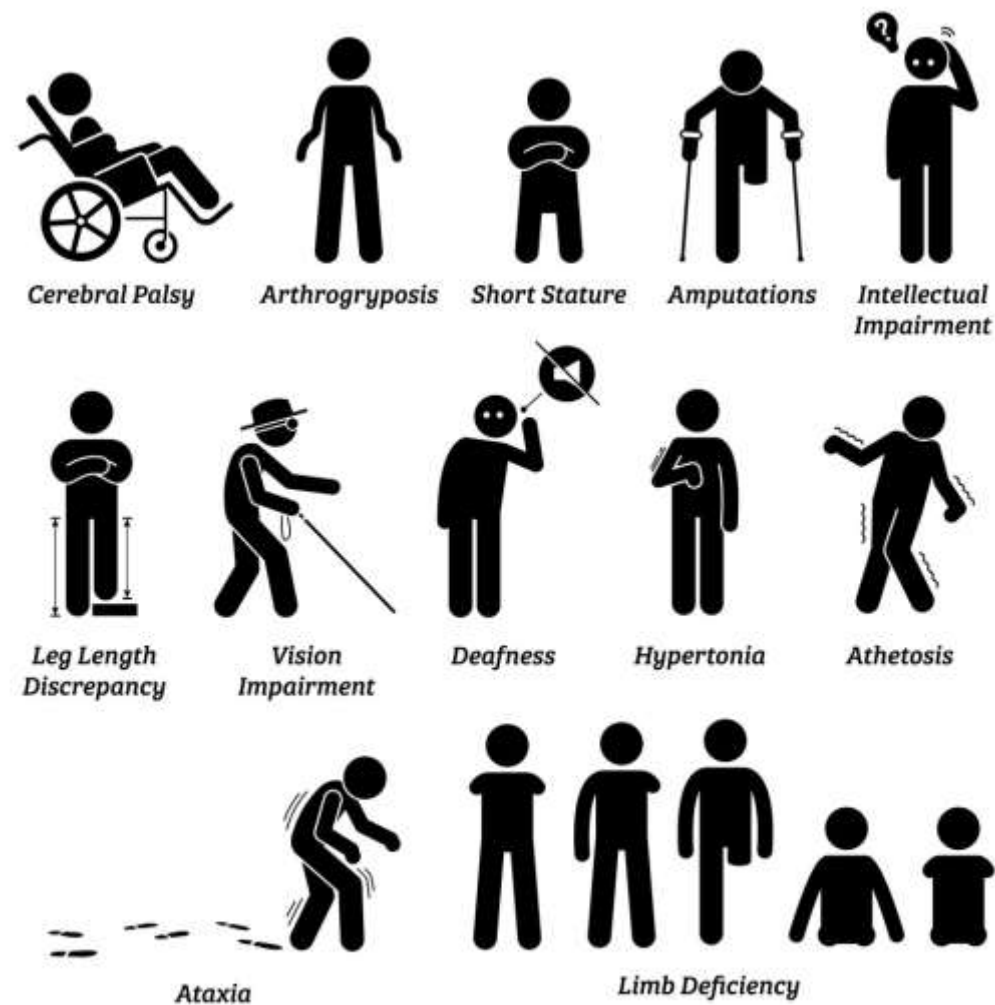
- War has been the single largest factor responsible for causing permanent disablement
- It is estimated that road traffic accidents will be ranked as the third leading cause of disability in the Asian

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

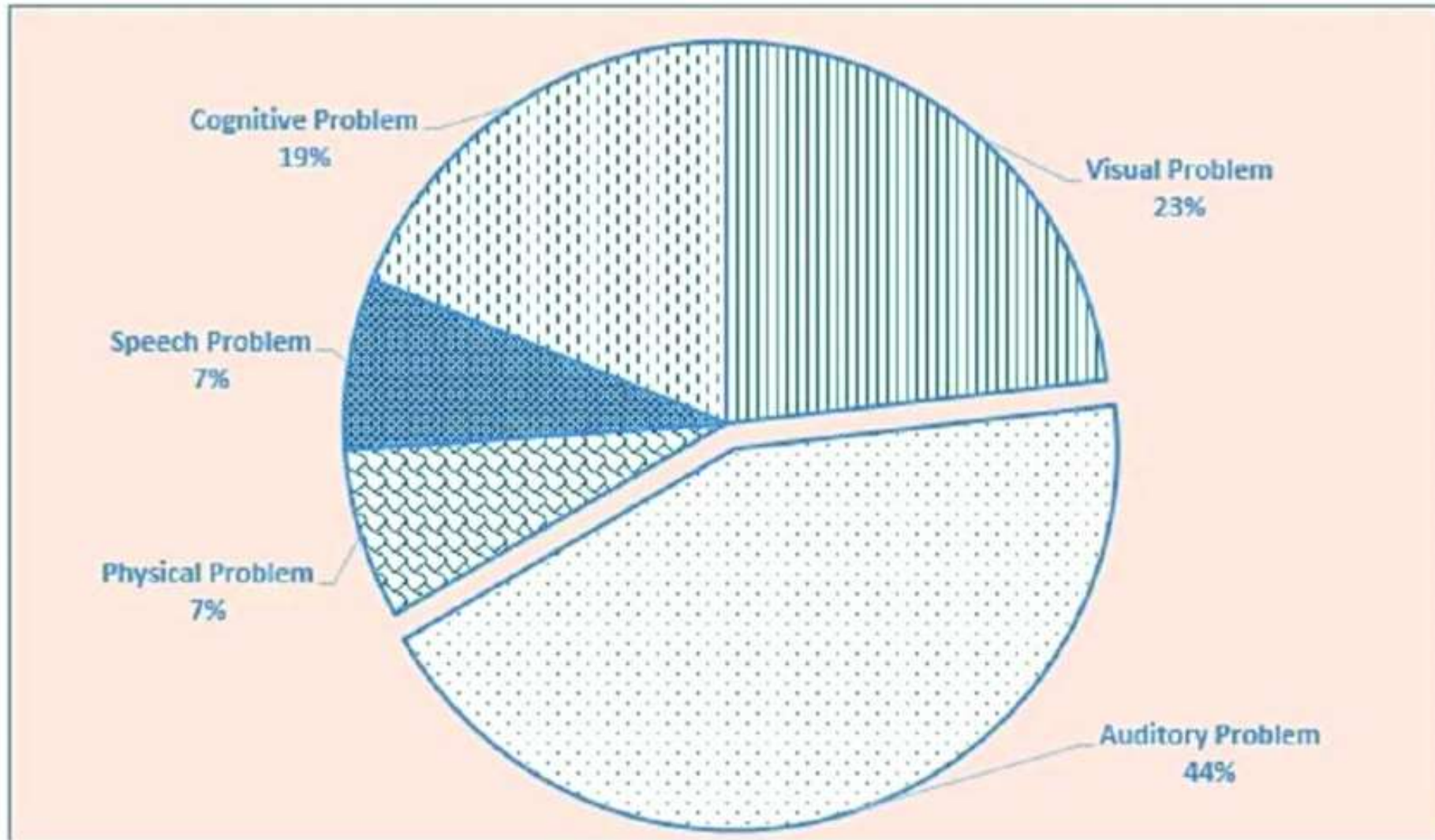




Main forms of disability



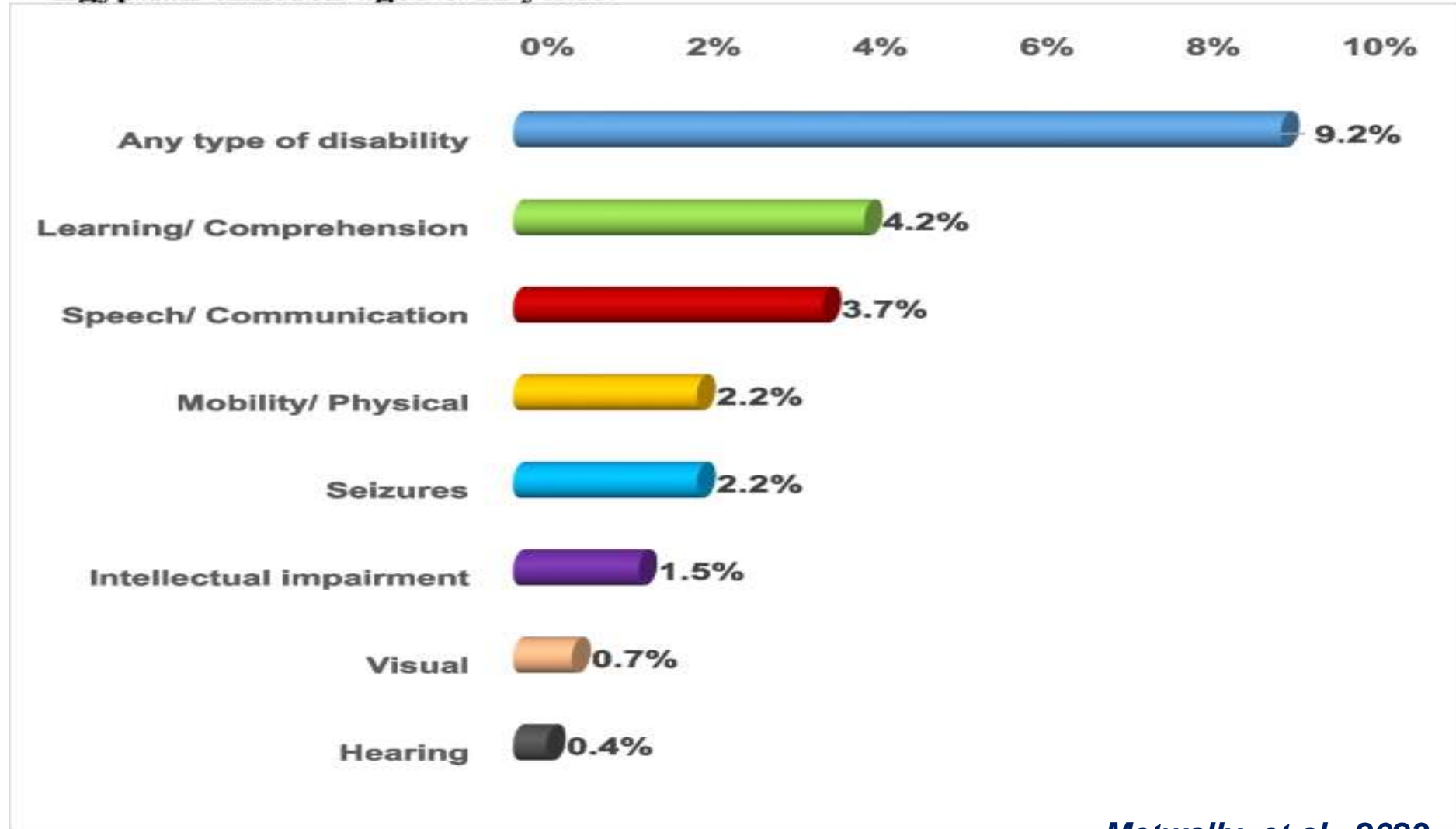
forms of disability Globally



https://www.researchgate.net/figure/Worldwide-ratio-of-people-with-several-disability_fig358949311_1

forms of disability Egypt

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



Metwally, et al., 2023

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Thank
you!