

MENTAL HEALTH



An integral and fundamental element of health

MENTAL HEALTH DISORDERS INCLUDE:







disorder

Psychoses - such as schizophrenia

MENTAL HEALTH IN POLAND AND IN THE WORLD



population (280 million people) are affected by depression.

Around 3.8% of the world's



20% of children and adolescents in the world.

Mental health problems affect

Polish citizens

are diagnosed with depression (almost as many as the population of Warsaw).



vulnerable to mental health problems.

People with lower economic status are more

INDIVIDUAL EXTERNAL

RISK FACTORS FOR MENTAL HEALTH

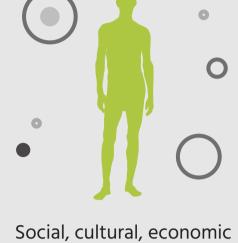


FACTORS

or interpersonal contacts. AIR POLLUTION: AN EMERGING RISK FACTOR FOR

neuropsychiatric disorders².

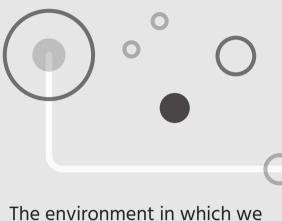
FACTORS



and political factors.

ENVIRONMENTAL

FACTORS



live, including where we live,

how cities are designed.

Air pollutants (PM_{2.5}, PM₁₀, NO₂, O₃, PAHs and CO)

Air pollution is being investigated by scientists as an emerging risk factor for mental health.

THE MENTAL HEALTH OF CITY RESIDENTS

A systematic review of 39 studies and a meta-analysis carried out in 2021 indicates that there is a link between depression and long-term exposure

to PM_{2.5} particulate matter and short-term exposure to other pollutants such as: particulate matter with diameter \leq 10 µm (PM₁₀) and \leq 2.5 µm (PM_{2.5}), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), ozone (O₃) or carbon monoxide (CO)¹. The results of the analysis carried out on two datasets (151 million people from the USA and 1.4 million people from Denmark) indicate a significant

air pollution as one of the risk factors for dementia3.

The Scientific Commission of the medical journal "The Lancet" identified

association between exposure to air pollution and the risk of

of health in people who already have mental disorders.

Urbanisation

Climate change

Heat waves can lead

to stress and deterioration

to acts of violence.

High temperatures

in interpersonal

can cause an increase

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000 000

aggression, which can lead

Noise

Heat is particularly severe

in cities due to the pheno-

menon of the so-called

urban heat island

(from road

or industry)

causes irritation,

problems with sleep,

transport

• Over-stimulation from the environment; No space for physical activity; Lack of space to play, entertain, or develop social life.

(development, popu-

lation density, light)

All this can cause stress, aggression, impaired cognitive development.

in supporting mental health and building the mental resilience of residents.

The city environment can be a factor

for social activity, volunteering,

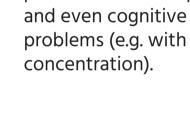
Green and blue areas

(i.e. parks, rivers, ponds, lakes, etc.).

Squares, parks, public space







cortisol levels and blood pressure.

Time spent in nature helps to cope with chronic stress, fatigue, reduces

the symptoms of anxiety and

depression, and strengthens emotional well-being, lowers







15 min

Creating school streets without

Space for **physical activity** (preferably among greenery).

HEALTH-FRIENDLY CITIES BY:

Building pollution

measurement

stations.

Taking care of green areas,

squares) and small neighbour-

both large (parks, forests,

hood areas with greenery.

Creating areas without traffic (or with significant traffic restrictions).

WE CAN CREATE MENTAL



Organising "days

Promoting, developing and rewarding

Creating 15-minute cities

walk or a bike ride range.

- basic needs such as school or

shopping take place in a 15-minute

accessible to all, which prevents exclusion and provides access to greenery and social life for all residents.

Investments in public transport

without a car", bike rides, cars (serves to create habits in festivals showing how the youngest as well as to increase to use the space reserved their safety). for cars differently.



This infographic is informative and discusses only selected issues related to mental health. If you are looking for mental health support, contact a mental health professional (psychiatrist, psychologist or psychotherapist) or your GP.



Sources:

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