



Dementia Cases in the US May Double by 2060

Description

Dementia is becoming more common around the world. A new study says that in the US, the number of people with dementia may double by 2060.

This could mean one million new cases every year. Right now, there are about 500,000 new cases each year. The study links this increase to an aging population in the US. Other countries are seeing the same trend.

Dr. Josef Coresh, an expert from New York University, says that half of all Americans over 55 may have some memory problems.

Dementia rates
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Estimated dementia rates in the US over the next 35 years. (Fang et al., *Nature Medicine*, 2024)

The study looked at data from over 15,000 adults. It found that the risk of dementia after 55 years old is 42 percent. This is higher than previous estimates. The risk is even greater for those over 75 years old, reaching 50 percent.

Women and Black adults have a higher risk than men and White adults. The study highlights the need for better healthcare to address these issues.

Vocabulary List:

1. **Dementia** /dɪˈmɛnʃə/ (noun): A decline in cognitive function affecting memory thinking and social abilities significantly enough to interfere with daily life.
2. **Aging** /ˈeɪ.dʒɪŋ/ (adjective): Becoming older; often associated with increased risk of health issues.
3. **Population** /ˌpɒp.jəˈleɪ.ʃən/ (noun): A group of individuals of the same species living in a specific area.
4. **Risk** /rɪsk/ (noun): The chance or probability of loss danger or adverse effects.
5. **Healthcare** /ˈheɪlθ.keə/ (noun): The organized provision of medical care to individuals or communities.
6. **Highlight** /ˈhaɪ.laɪt/ (verb): To emphasize or make something stand out.

Comprehension Questions



Multiple Choice

1. According to the text, what is predicted to happen to the number of people with dementia in the US by 2060?
Option: Triple
Option: Double
Option: Remain the same
Option: Halve

2. What is the estimated number of new dementia cases expected per year in the US by 2060?
Option: 100,000
Option: 500,000
Option: 1 million
Option: 2 million

3. What factor is attributed to the increase in dementia cases in the US, according to the study?
Option: Improved healthcare
Option: Aging population
Option: Migration
Option: Climate change

4. What percentage of Americans over 55 are mentioned to have some memory problems?
Option: 25%
Option: 50%
Option: 75%
Option: 100%

5. Which group is stated to have a higher risk of dementia according to the study?
Option: Men and White adults
Option: Women and Black adults
Option: Children and teenagers
Option: Middle-aged adults

6. What is the risk percentage of dementia for those over 75 years old?
Option: 25%
Option: 42%
Option: 50%
Option: 75%



True-False

7. Dementia rates are decreasing worldwide.
8. The study found that the risk of dementia after 55 years old is lower than previous estimates.
9. Dr. Josef Coresh is from Harvard University.
10. The study highlighted the need for better healthcare to address dementia-related issues.
11. The image in the text shows the expected dementia rates in the US over the next 10 years.
12. The study looked at data from over 20,000 adults.

Gap-Fill

13. The risk of dementia after 55 years old is _____ percent.
14. Women and Black adults are reported to have a higher risk than _____ and White adults.
15. According to Dr. Josef Coresh, over half of all Americans over 55 may have some _____ problems.
16. The study found that the risk of dementia for those over 75 years old is _____ percent.
17. In the US, the number of people with dementia may _____ by 2060.
18. It is estimated that there may be one million new dementia cases every year based on the _____ trend.

Answer

Multiple Choice: 1. Double 2. 1 million 3. Aging population 4. 50% 5. Women and Black adults
True-False: 7. False



8. False 9. False 10. True 11. False 12. False

Gap-Fill: 13. 42 14. men 15. memory 16. 50 17. double 18. aging population

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. What is a meteorite?

Option: A type of comet

Option: A piece of rock from space that has landed on Earth

Option: A shooting star

Option: An artificial satellite

2. What does the field of psychology study in relation to individuals?

Option: Weather patterns

Option: Animal habits

Option: College tuition fees

Option: Behavior and mental processes

3. What type of beverage is ethanol?

Option: Milk

Option: Water

Option: Alcohol

Option: Soda

4. What term is used to describe the change in position of an object over time?

Option: Motion

Option: Rest

Option: Stasis

Option: Inactivity

5. What is the average weather condition in a specific area over a long period of time?

Option: Temperature

Option: Season

Option: Climate

Option: Forecast

6. What is the natural process of becoming older?

Option: Growing

Option: Ageing

Option: Youthening



Option: Immortality

7. What is the probability of harm or damage?

Option: Entropy

Option: Safety

Option: Risk

Option: Risk Diminishment

8. What is the organized provision of medical care to individuals or a community?

Option: Veterinary care

Option: Dental care

Option: Aesthetic care

Option: Healthcare

9. What are advantages or rewards from a particular action or situation?

Option: Obstacles

Option: Drawbacks

Option: Benefits

Option: Hindrances

10. Which term best describes someone who is full of energy and enthusiasm?

Option: Lethargic

Option: Energetic

Option: Apathetic

Option: Torpid

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. After the explosion the area was littered with _____.

12. _____ is a general term for a decline in mental ability severe enough to interfere with daily life.

13. The number of people living in a particular area is known as the _____.

14. The best part of the concert was definitely the _____ of the lead singer's vocal range.

15. It is important to have proper _____ of your emotions in stressful situations.

16. Putting aside some money each month is a good way to build up your _____.



17. Cow flatulence is a significant source of _____ emissions.
18. The data was thoroughly _____ by the research team.
19. The hikers found themselves _____ in the cave due to the sudden rockfall.
20. _____ are a major concern during hot and dry seasons in forested regions.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. The asteroid had a significant impact on the Earth's ecosystem millions of years ago.
22. The large hole in the ground was caused by a meteorite impact and is known as a crater.
23. The sudden appearance of the rare bird species in the city park was quite surprising to the birdwatchers.
24. Overcoming the obstacles in the mountain terrain proved to be a tough challenge for the climbers.
25. The sound of the mouse skittering across the attic floor startled the homeowner.
26. The biologist specialized in studying insect behavior in their natural habitats.
27. The team of researchers conducted experiments to test the new drug's efficacy.
28. Despite his fame he preferred to live an ordinary life away from the spotlight.
29. The chef's special dish was the highlight of the evening at the gourmet festival.
30. Scientists use isotopes to determine the age of ancient artifacts through radiocarbon dating.

Answer

Multiple Choice: 1. A piece of rock from space that has landed on Earth 2. Behavior and mental processes 3. Alcohol 4. Motion 5. Climate 6. Ageing 7. Risk 8. Healthcare 9. Benefits 10. Energetic

Gap-Fill: 11. debris 12. Dementia 13. population 14. highlight 15. control 16. savings 17. methane 18. analyzed 19. trapped 20. Wildfires

Matching sentence: 1. Impact 2. Crater 3. Surprising 4. Challenge 5. Skittering 6. Naturalist 7. Researchers 8. Ordinary 9. Highlight 10. Isotopes

CATEGORY



1. Health - LEVEL1

Date Created

2025/01/15

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