

US Health Landscape: Dengue Alerts, COVID-19 Vaccine Updates, and FDA D

Health · Answer Key · 10 Questions

1. In June 2024, the CDC issued a health alert regarding an increased risk of which mosquito-borne viral disease in the United States, noting record-breaking case numbers in the Americas?

- A) Zika Virus
- B) West Nile Virus
- C) Dengue Virus**
- D) Chikungunya Virus

2. Which new COVID-19 vaccine variants are targeted by the updated Pfizer and Moderna vaccines recommended by the CDC for the fall/winter season?

- A) JN.1 and KP.3
- B) Omicron BA.5 and XBB.1.5
- C) KP.2 and KP.3**
- D) JN.1 and Delta

3. The FDA granted traditional approval in June 2024 for Elevidys (sarepta therapeutics) for which condition in ambulatory patients aged 4 years and older?

- A) Cystic Fibrosis
- B) Duchenne Muscular Dystrophy (DMD)**
- C) Sickle Cell Disease
- D) Huntington's Disease

4. As of June 24, 2024, how many dengue cases had been reported in countries in the Americas, more than double the number from all of 2023?

- A) Approximately 4.6 million
- B) More than 9.7 million**
- C) Approximately 2.3 million
- D) More than 12 million

5. In June 2024, the FDA approved updated COVID-19 vaccines targeting specific variants. Which variant was targeted by the Novavax vaccine, while Pfizer and Moderna targeted others?

- A) KP.2
- B) JN.1**
- C) Omicron BA.2
- D) XBB.1.16

6. The FDA approved durvalumab (Imfinzi) in June 2024 in combination with chemotherapy for which type of cancer, based on the DUO-E trial?

- A) Lung Cancer
- B) Breast Cancer
- C) Endometrial Cancer**
- D) Colorectal Cancer

7. What is the new at-home diagnostic test authorized by the FDA in late 2024 that can detect both COVID-19 and Influenza A and B?

- A) A single nasal swab test from Healgen Scientific LLC**
- B) A saliva-based multiplex PCR test
- C) A blood test from a major pharmaceutical company
- D) A breathalyzer device for respiratory viruses

8. The CDC issued a Health Alert Network (HAN) advisory on June 25, 2024, regarding an increased risk of dengue virus infections in the US. Which US territory has declared a public health emergency due to dengue cases?

- A) US Virgin Islands
- B) Guam
- C) American Samoa
- D) Puerto Rico**

9. Which of the following oncology drugs received FDA approval in June 2024 for adult patients with primary advanced or recurrent endometrial carcinoma, based on the KEYNOTE-868/NRG-GY018 trial?

- A) Durvalumab (Imfinzi)
- B) Pembrolizumab (Keytruda)**
- C) Ipelib (Vafseo)
- D) Avelumab (Bavencio)

10. The Congressional Budget Office (CBO) projected that US uninsurance rates would rise to 7.7% in 2024, an increase from 7.2% in 2023, partly due to the expiration of what pandemic-related policies?

- A) Telehealth flexibilities
- B) Enhanced ACA marketplace subsidies
- C) Pandemic Medicaid policies**
- D) Hospital at Home waivers