

Global Prevalence of Monkeypox from May to July 2022

Sami Qadus, Ph.D* Abdallah Y Naser, Ph.D** Sara Ibrahim Hemmo, MSc** Zahra K. Alsairafi, PhD*** Hassan Alwafi, Ph.D****Ahmed M Al Rajeh, Ph.D***** Jaber Alqahtani, Ph.D***** Abdulelah Aldhahir, Ph.D***** Abdullah A. Alqarni, Ph.D*****, ***** Rayan Siraj, Ph.D*****Anan S. Jarab, PhD*****,,***** and Ahmad Taqi, Pharm.D, BCPS***

ABSTRACT

On July 23, 2022, the growing global monkeypox outbreak was deemed a Public Health Emergency of International Concern. Since early May 2022, there has been an increase in monkeypox cases. The aim of this study was to explore the global epidemiology of monkeypox cases. This was a retrospective epidemiological study that reported all confirmed cases of monkeypox worldwide between May 6, 2022, and July 21, 2022. We extracted data from the publicly available Global Health platform. A total of 15,510 confirmed cases of monkeypox were reported worldwide until July 21, 2022. The daily confirmed cases of monkeypox increased by 205-fold [from 1 case on May 6, 2022, to 206 cases on July 21, 2022]. The highest number of confirmed cases of monkeypox was seen in Spain which has reached 3,125 cases on July 21, 2022, followed by the United States with 2,316 cases, Germany with 2,191 cases, the United Kingdom with 2,142 cases, and France with 1,448 cases. Monkeypox outbreak is on the rise and the regulations adopted so far are not proving effective enough to tackle the problem. To improve public understanding of this illness and their capacity for prevention, awareness campaigns should be intensified.

Keywords: Epidemiology; Global; Monkeypox; Worldwide

Bahrain Med Bull 2024; 46 (3): 2264 - 2268

-
- * Department of pharmacy, Faculty of health sciences
American university of Madaba, Madaba, Jordan.
- ** Department of Applied Pharmaceutical Sciences, Clinical Pharmacy
Faculty of Pharmacy, Isra University, Amman, Jordan.
- *** Department of Pharmacy Practice, Faculty of Pharmacy
Kuwait University, Kuwait City, Kuwait.
- **** Faculty of Medicine, Umm Al Qura University, Mecca, Saudi Arabia.
- ***** Department of Respiratory Care
College of Applied Medical Sciences
King Faisal University, 31982 Al-Ahsa, Saudi Arabia.
- ***** Department of Respiratory Care
Prince Sultan Military College of Health Sciences
Dammam, Saudi Arabia.
- ***** Department of Respiratory Care, Faculty of Applied Medical Sciences
Jazan University, Jazan, Saudi Arabia.
- ***** Department of Respiratory Therapy
Faculty of Medical Rehabilitation Sciences
King Abdulaziz University
Saudi Arabia.
- ***** Respiratory Therapy Unit, King Abdulaziz University Hospital
Jeddah, Saudi Arabia.
- ***** College of Pharmacy, Al Ain University
United Arab Emirates.
- ***** AAU Health and Biomedical Research Center, Al Ain University
Abu Dhabi P.O. Box 112612, United Arab Emirates.
- ***** Department of Clinical Pharmacy, Faculty of Pharmacy
Kuwait University, Kuwait.
Jordan University of Science and Technology, Irbid, 22110, Jordan.
E-mail: a.taqi@ku.edu.kw