



Cholera Outbreak | Madhya Pradesh | 17 Jun 2024

Why in News?

Recently, Panic spread through Phoop town in **Bhind district** due to a sudden **cholera outbreak**, resulting in the deaths of three individuals and the illness of around 70 others who drank **contaminated water**.

Key Points

- The residents of the area fell prey to cholera infection after drinking contaminated water supplied through the pipeline.
- According to the sources, the **sewage water entered the drinking water supply pipeline** due to ongoing civil work in the area. The **water turned highly contaminated** with bad odour.
- The District Magistrate stated that the **situation was under control** and the **condition of the patients was stable**.
 - The **pipeline leakages have been fixed**, and **clean/fresh water is now being supplied** to the three wards.
 - A **team of doctors** has also been **deployed to monitor the situation**, including water testing.

Cholera

- **About:**
 - Cholera, a water-borne disease primarily caused by **the bacteria Vibrio cholerae strains O1** and O139, poses a significant public health challenge worldwide.
 - Strain O1 is the predominant cause of outbreaks, with O139 occurrences being rare and mostly confined to Asia.
 - It is an acute diarrheal illness caused by infection of the intestine.
 - The infection is often mild or without symptoms, but sometimes can be severe.
 - **Symptoms:**
 - Profuse watery diarrhoea, Vomiting, Leg cramps
 - **Transmission:**
 - A person may get cholera by drinking water or eating food **contaminated with the cholera bacterium**.
 - The disease can spread rapidly in areas with inadequate treatment of sewage and drinking water.
 - **Vaccine:**
 - Currently there are three WHO pre-qualified **Oral Cholera Vaccines (OCV)**, **Dukoral**, **Shanchol**, and **Euvichol-Plus**. All three vaccines require two doses for full protection.
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Madhya Pradesh's New Intra-State Air Service | Madhya Pradesh | 17 Jun 2024

Why in News?

Recently, **Madhya Pradesh** Chief Minister launched intra-state air service named '**PM Shri Paryatan Vayu Seva**' by flagging off the first flight under it from Bhopal to Jabalpur.

Key Points

- In Madhya Pradesh, the cities of **Bhopal, Indore, Jabalpur, Gwalior, Ujjain, Rewa, Khajuraho, and Singrauli** will soon be **linked by air travel**.
- As per officials, to enhance the air connectivity, a **50% discount on fares** will be offered for a **period of 30 days**.
- **Madhya Pradesh Tourism Board (MPTB)** will manage the air service. The service is being operated through a **Public Private Partnership (PPP)** with M/s Jet Serv Aviation Private Limited (Flyola).

Public-Private Partnership (PPP) Model

- PPP is an **arrangement between government and private sector** for the provision of public assets and/or public services. Public-private partnerships allow large-scale government projects, such as roads, bridges, or hospitals, to be completed with private funding.
- In this type of partnership, **investments are undertaken by the private sector entity**, for a specified period of time.
- These partnerships work well when **private sector technology and innovation combine with public sector incentives** to complete work on time and within budget.
- As PPP involves full retention of responsibility by the government for providing the services, it doesn't amount to privatization.
- There is a well defined allocation of risk between the private sector and the public entity.
- **Private entity is chosen on the basis of open competitive bidding** and receives performance linked payments.
- The PPP route can be an alternative in developing countries where governments face various constraints on borrowing money for important projects.
- It can also give required expertise in planning or executing large projects.