|  |  |  |  |
| --- | --- | --- | --- |
| **disease** | **Cause** | **symptom** | **states** |
| **cholera** | bacterium | cholera leads to severe watery diarrhea, vomiting, and dehydration, which can be fatal if left untreated. | Mizoram |
| **Typhoid Fever** | Salmonella typhi bacteria | typhoid [fever](https://www.medicoverhospitals.in/symptoms/fever) results in high fever, stomach pain, [headache](https://www.medicoverhospitals.in/symptoms/headache), and weakness | Assam |
| **Hepatitis A** | viral infection | causing symptoms like jaundice, fatigue, and abdominal pain. | Assam/  manipur |
| **Gastroenteritis** | viruses and bacteria | leads to [stomach cramps](https://www.medicoverhospitals.in/articles/stomach-pain-causes), diarrhea, vomiting, and fever. | Meghalaya / Assam |
| **Cryptosporidiosis** | parasite Cryptosporidium | affects the intestines, causing diarrhoea, stomach cramps, and nausea. | Limited data |
| **Shigellosis** | Bacterial | Bloody diarrhea and stomach cramps. | |  |  | | --- | --- | |  | Assam | |
| **E. coli Infections** | Bacterial | Diarrhea and vomiting. | Assam / Tripura |
| **Norovirus** | Viral Infections | Nausea, vomiting, diarrhea, stomach cramps, and sometimes fever. | Sikkim / Manipur |
| **Rotavirus** | Viral Infections | Severe diarrhea, vomiting, fever, and dehydration, often affecting children | Assam |
| **Schistosomiasis** | Parasitic Infections | [Itchy skin](https://www.medicoverhospitals.in/symptoms/itchy-skin), fever, abdominal pain, blood in urine or stool, and potential organ damage. | |  |  | | --- | --- | |  | Not prevalent | |
| **Guinea Worm Disease** | Parasitic Infections | Intense itching and a burning pain at the site of the skin lesion. | |  |  | | --- | --- | |  | Eliminated in India | |

**Assam stands out for:**

* **Highest volume of reported cases** across multiple waterborne diseases like **typhoid, hepatitis A, gastroenteritis, and rotavirus**
* **Better disease surveillance infrastructure**, leading to more accurate and consistent reporting
* **Frequent monsoon-related flooding**, which increases exposure to contaminated water

**Common Waterborne Diseases Tracked in Assam**

* **Acute Diarrheal Disease** (most prevalent nationwide)
* **Typhoid Fever**
* **Hepatitis A & E**
* **Rotavirus (especially in children)**
* **Shigellosis & E. coli infections**