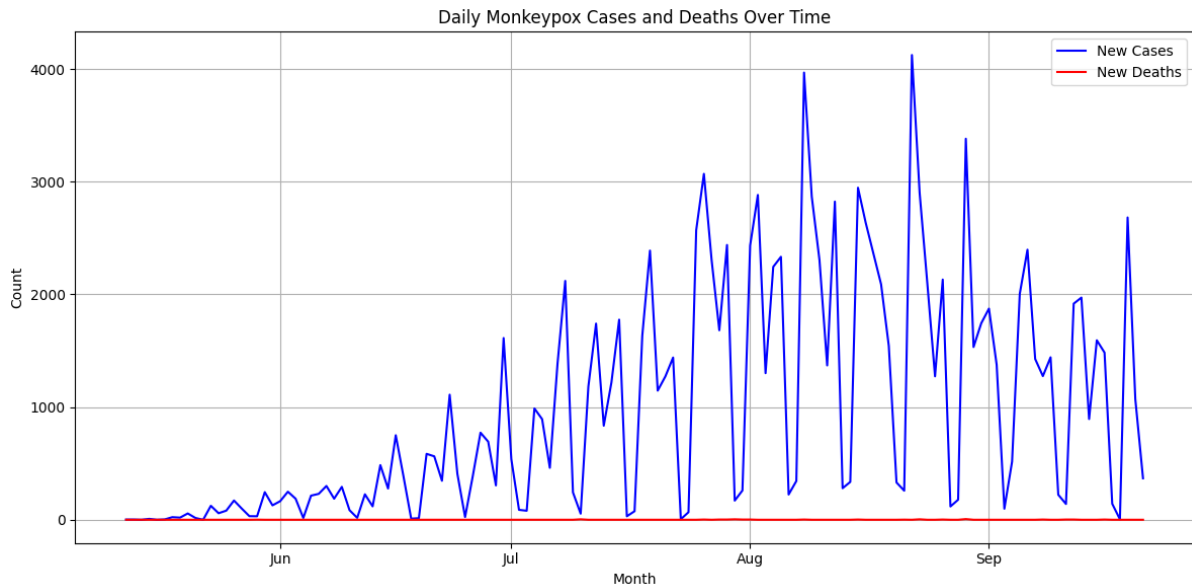


Daily monkey pox cases and deaths

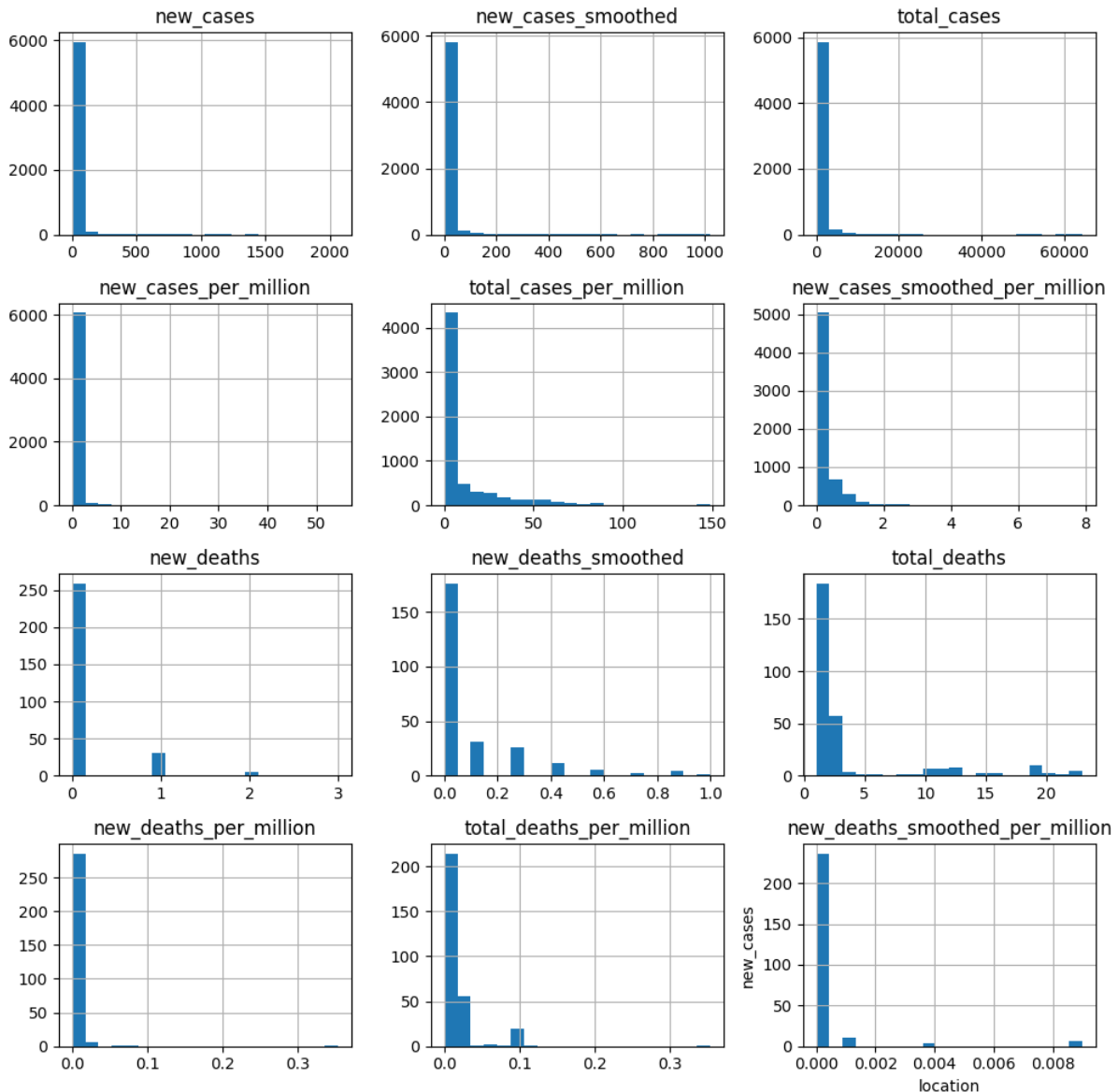


- **X-axis (Month):**
Represents the timeline from around **May/June to September**.
- **Y-axis (Count):**
Shows the **number of new daily cases and deaths**.
- **Blue Line – "New Cases":**
 - Indicates daily new Monkeypox cases.
 - There's a **steady rise starting from June**, with **frequent sharp spikes**.
 - Highest spikes occur in **August and early September**, with daily cases crossing **4000** on some days.
 - The pattern is **very volatile**, showing fluctuations possibly due to reporting delays or localized outbreaks.
- **Red Line – "New Deaths":**
 - Indicates daily deaths.
 - Remains **consistently low**, close to zero.
 - This suggests that although **cases surged**, **fatalities remained low**, highlighting a **low death-to-case ratio**.
- **Legend (Top Right):**
 - Helps distinguish between new cases (blue) and new deaths (red).

Summary:

- **Monkeypox spread rapidly** over the observed months, with noticeable **peaks in August**.
- Despite rising infections, **deaths remained minimal**, indicating either effective treatment, low virulence, or timely response.

New cases as per location



Top Row – Case Counts

1. **new_cases / new_cases_smoothed / total_cases**
 - Most values are **clustered near 0**.
 - A few countries/days had very **high spikes** (outliers with hundreds or thousands of cases).

- Shows **right-skewed distribution**, meaning a small number of places had the majority of the cases.
-

◆ Second Row – Cases per Million

2. $\text{new_cases_per_million} / \text{total_cases_per_million} / \text{new_cases_smoothed_per_million}$

- Again, **most values are very low**, with a long tail toward the right.
 - Only a few countries had high case rates **per capita**.
 - Indicates Monkeypox was **not uniformly spread across populations**.
-

◆ Third Row – Death Counts

3. $\text{new_deaths} / \text{new_deaths_smoothed} / \text{total_deaths}$

- Deaths are **very low across the board**.
 - Most regions reported **zero or near-zero deaths**, with a few slightly higher.
 - Suggests Monkeypox had a **low fatality rate** in this dataset.
-

◆ Fourth Row – Deaths per Million**

4. $\text{new_deaths_per_million} / \text{total_deaths_per_million} / \text{new_deaths_smoothed_per_million}$

- Nearly all bars are **stacked at 0**, with **tiny tails** to the right.
 - Shows **almost negligible deaths per capita**, even in the worst-affected areas.
-

✚ Overall Summary:

- **Skewed Distributions:** All graphs show **right-skew**, with most values being low and few outliers being very high.
- **Majority of the world had low case and death counts.**
- The **impact of Monkeypox** in terms of fatalities was **minimal**, even where case numbers were high.