

The chart displays the progression of COVID-19 cases in Lagoa Alegre, Piauí. The y-axis, labeled 'Log Inc', uses a logarithmic scale to represent the number of cases, ranging from  $10^0$  to  $10^1$ . The x-axis marks specific dates: 06/24/2020, 08/14/2020, 12/11/2020, 05/02/2021, and 08/17/2022. A solid black line indicates the 'Moving Average' of the data, while red stars represent individual 'Data of citie'. The data shows an initial period of low activity, followed by a significant increase starting around late 2020, peaking in early 2021 at approximately 15 cases. This is followed by a period of relative stability and minor fluctuations until late 2021, after which there is a sharp decline and a subsequent rise in late 2022, reaching a peak of about 10 cases.