HISTORY OF PANDEMICS THROUGHOUT HISTORY, as humans spread across the world, infectious diseases have been a constant companion. Even in this modern Antonine Plague 165-180 5M — Plague of Justinian 541-542 30-50M — Japanese Smallpox Epidemic 735-737 1M era, outbreaks are nearly constant. Black Death (Bubonic Plague) 200M 1347-1351 deadly pandemics, from the Antonine Plague to COVID-19. Throughout the 17th and 18th centurios, a series of "Great Plagues" routinely ed cities across Europe. Smallpox 1520 17th Century Great Plagues 3M 18th Century Great Plagues 600K Cholera 6 outbreak 1M 1817-1923 The Third Plague 12M Spanish Flu 40-50M Yellow Fever 100-150K LATE 1800s Russian Flu 1M HIV/AIDS 25-35M 1981-PRESENT Asian Flu 1.1M Hong Kong Flu 1M MERS 850 2012-PRESENT Ebola 11.3K 2014-2016 Swine Flu 200K COVID-19 6.5M* 2019-05:00pm PT, SEPT 13, 2022 [ONGOING] DEATH TOLL [HIGHEST TO LOWEST] 200M Black Death (Bubonic Plague) Spanish Flu Plague of Justinian 541-542 Smallpox killed an estimated 90% of Native Americans. In Europe during the 1800s, an estimated 400,000 people were being killed by smallpox annually. The first ever vaccine was created to ward off smallpox. The death toll of this plague is still under debate as new evidence is uncovered, but many think it may have helped hasten the fall of the Roman Empire. 6.5M* COVID-19 HIV/AIDS 2019-05:00pm PT, SEPT 13, 2022 CAPITALIST f Nisualcapitalist 🕡 📵 @visualcap 🍾 visualcapitalist.com

Infectious illnesses have dispersed over the planet along with humanity. Although not every epidemic reaches the pandemic level as COVID-19 has, outbreaks nevertheless occur often in the current period (Lepan). In this data visualization, The pandemics depicted in the graphic, which range from the COVID-19 outbreak to the Antonine Plague, are some of the worst in recorded history. The visualization used the data from CDC, WHO, BBC, etc. One thing I found this visualization interesting is that it not only presents the numbers of each pandemic, but also uses the size of its virus to represent the numbers. The bigger the virus on the visualization, the bigger the number it represents, which gives readers/ audience a better understanding of the size differences.

Work Cited

Nicholas LePan. Graphics/Design: Harrison Schell. (2022, September 14). *Visualizing the history of pandemics*. Visual Capitalist. Retrieved September 16, 2022, from https://www.visualcapitalist.com/history-of-pandemics-deadliest/