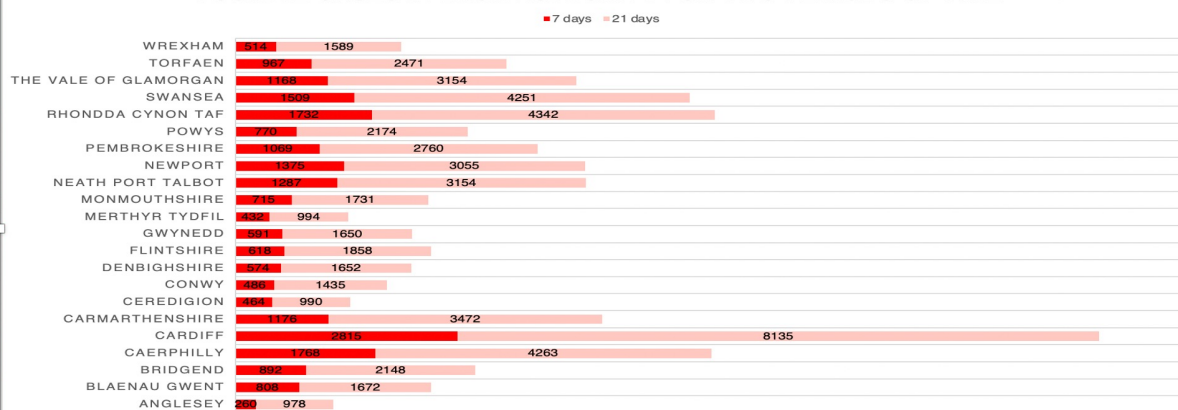


ANALYSIS OF POSITIVE CASES OF COVID-19 IN WALES

Based upon "Covid Cases Data October 2021 for Wales", are presented the answers to the following questions:

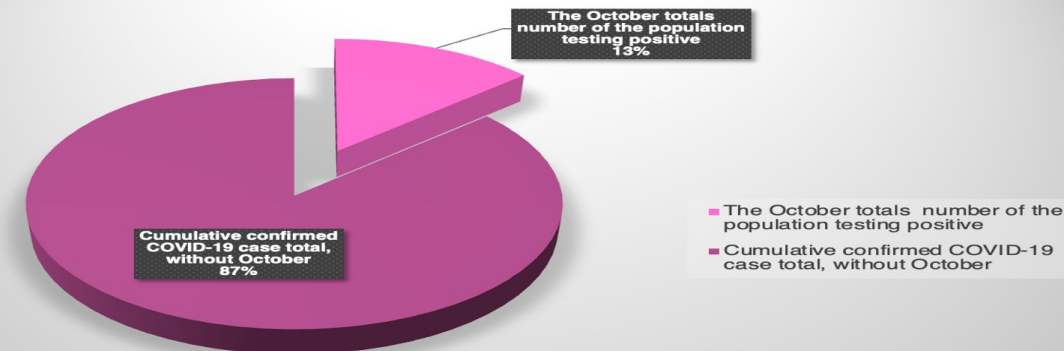
How has the total number of patients testing positive as seen in each local authority (as defined by MSOA) varied over the period?

POSITIVE CASES IN EACH AUTHORITY FOR TWO PERIODS OF TIME



The graph shows how the total number of patients tested positive with Covid-19 observed in each local authority varied over time. The highest total number of patients tested positive with Covid-19 was observed in locality Cardiff in both periods: 7 days - 2,815 cases and 21 days - 8,135 cases. The lowest total number of patients tested positive with Covid-19 was observed in locality Anglesey in both periods: 7 days - 260 cases and 21 days - 978 cases.

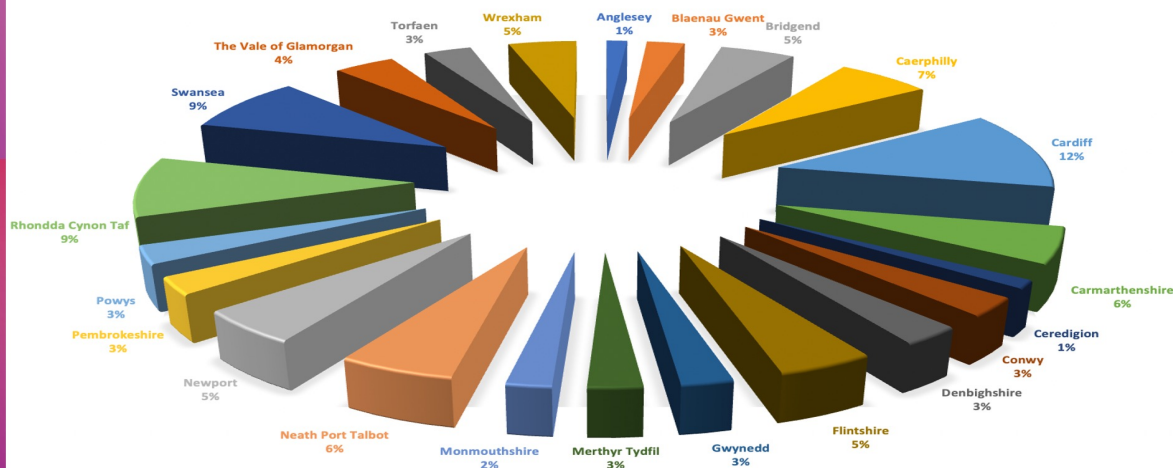
What is the percentage of the October totals when compared with the total number of the population testing positive to date(21 days totals for October 2021)?



The graph shows the percentage of the total in October compared to the total number of the population tested positive to date.

The total population tested positive with Covid-19 in October is 13%. Cumulative confirmed COVID-19 case total - 429,731.

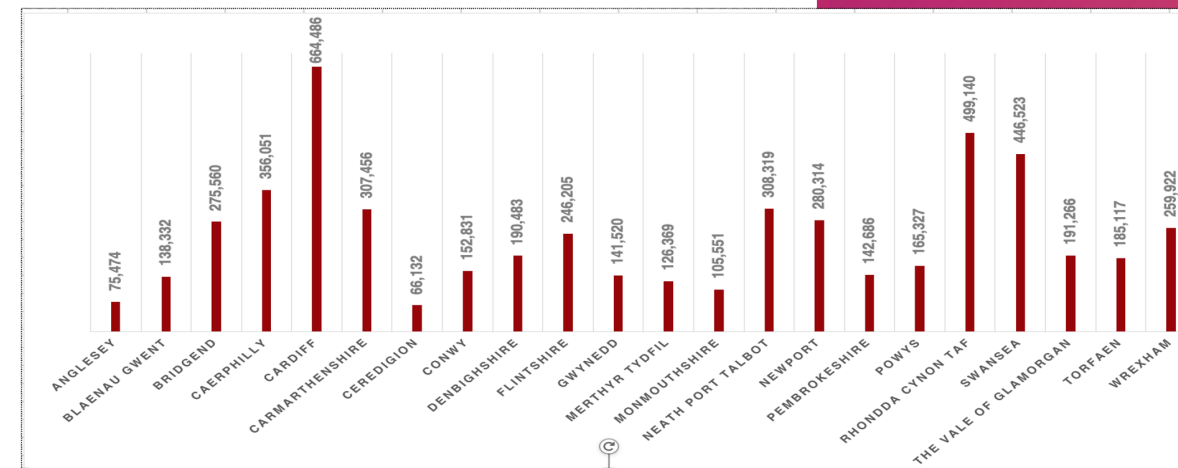
Data for each local authority



The graph shows the % of positive Covid-19 cases per local authority.

The highest number of positive cases of Covid-19 was in the following authorities: Cardiff(12%), Rhondda Cynon Taf(9%) and Swansea(9%). The lowest number of positive cases of Covid-19 was in Anglesey(1%).

Incidence per 100,000 population per each authority



The graph shows the incidence per 100,000 population for each authority.

The highest incidence per 100,000 inhabitants was in Cardiff in number of 664,486. The lowest incidence per 100,000 inhabitants was in Anglesey in number of 75,474.



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Assignment Title:

Critiquing and creating data visualizations
Task II – Poster

Module:

Data Analysis and Visualization

Module code: ACCB4002

Student: Irina Tupca (2112902)

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