

COVID-19: Public health update and implications for the NHS in Wales

Health and Social Care Coronavirus Planning and Response Group

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15. Public Health Wales response

Future demand

- Assumptions:
 - 8% of travellers will have an acute respiratory infection [2]
 - ONS survey data of visits to the UK applied to a Welsh population as a proportion of UK population
- Estimates that in Wales over two week period high numbers will meet the case definition for possible COVID-19:
 - 678 individuals who have travelled from Asia & Middle East
 - 642 individuals from Italy will meet the possible case definition for COVID-19
- Estimated 10 fold increased demand with further widening of geographical area within Europe
- Estimated 100 fold increased demand to account for historic cases that will then meet possible case definition

16. Healthcare providers response

Future challenges

- Step change in magnitude of response required
- Capacity to offer timely assessment and diagnostic testing
- Any requirement for clinical examination and investigation currently requires hospital transfer by ambulance and admission
- Potential delay in diagnosis and treatment of life threatening condition due to concerns in ascertaining COVID-19 status