

hospitals NHS The Pennine Acute h



Lancaster University

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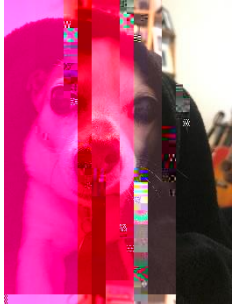
and

Consultant in Paediatric Public Health Medicine, Emergency Department, North Manchester General Hospital

Background

Children's Emergency Department (A&E) attendances

Specialist referrals for children's brain tumours



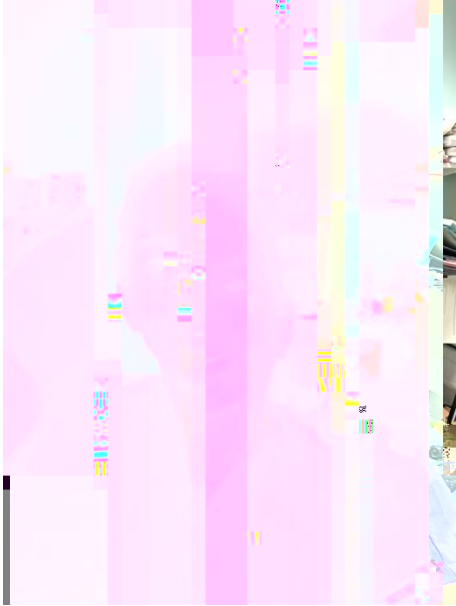
Lancaster Medical School: Drs Rhiannon Edge and Tom Keegan

Royal Manchester Children's Hospital: Drs Rachel Jenner and Natalie Francis, and Emily Broughton

Royal Oldham Hospital: Dr Jim Butler

Yale New Haven Children's Hospital: Drs Marc Auerbach and Mark X. Cicero, and Erika Setzer

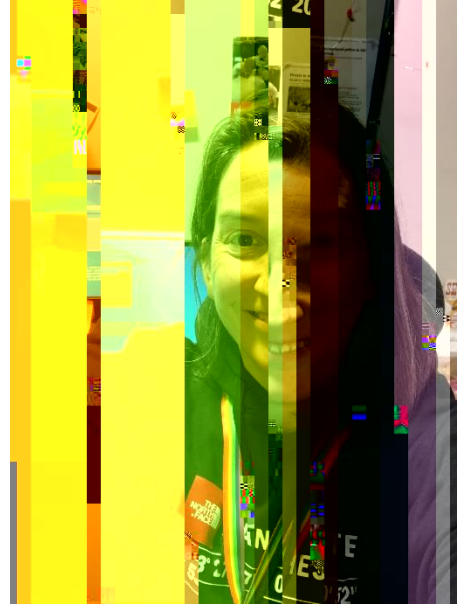
Cambridge University Hospital: Dr Ib Jalloh



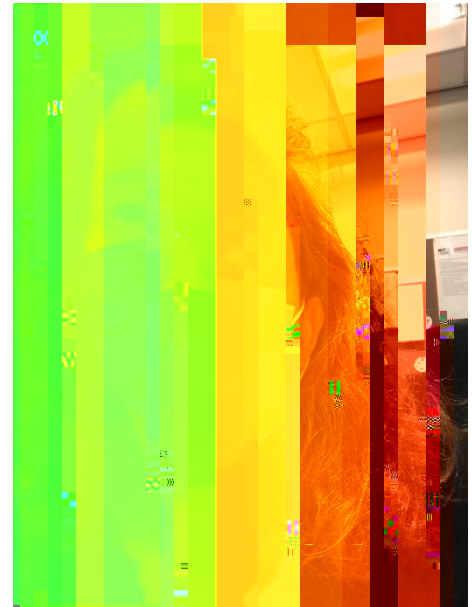
September 2019



March 6th 2020



March 13th 2020



June 12th 2020

we were due a big one... (H1N1 influenza of 1918/19 infected 1/3 of the global population and came in three waves...)

end January 2020 – 1st cases of " COVID-19" in UK

early March 2020 – 1st UK death

Wednesday March 11th 2020 – pandemic declared

Monday March 23rd 2020 – UK (and Connecticut) start " lockdown"

Tuesday March 31st 2020 – I came out of domestic " quaran t

COVID-19 (direct impact)

fortunately only a small number of children and young people have become seriously ill with COVID-19 and a very small number have died

indirect impacts

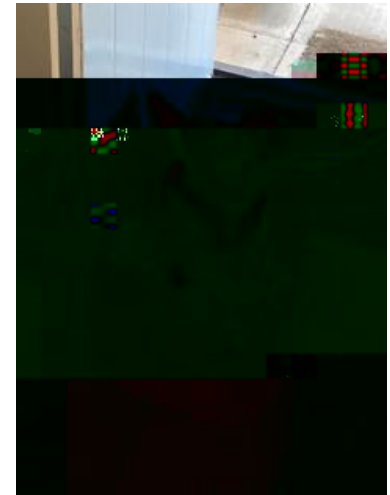
health (non-COVID)

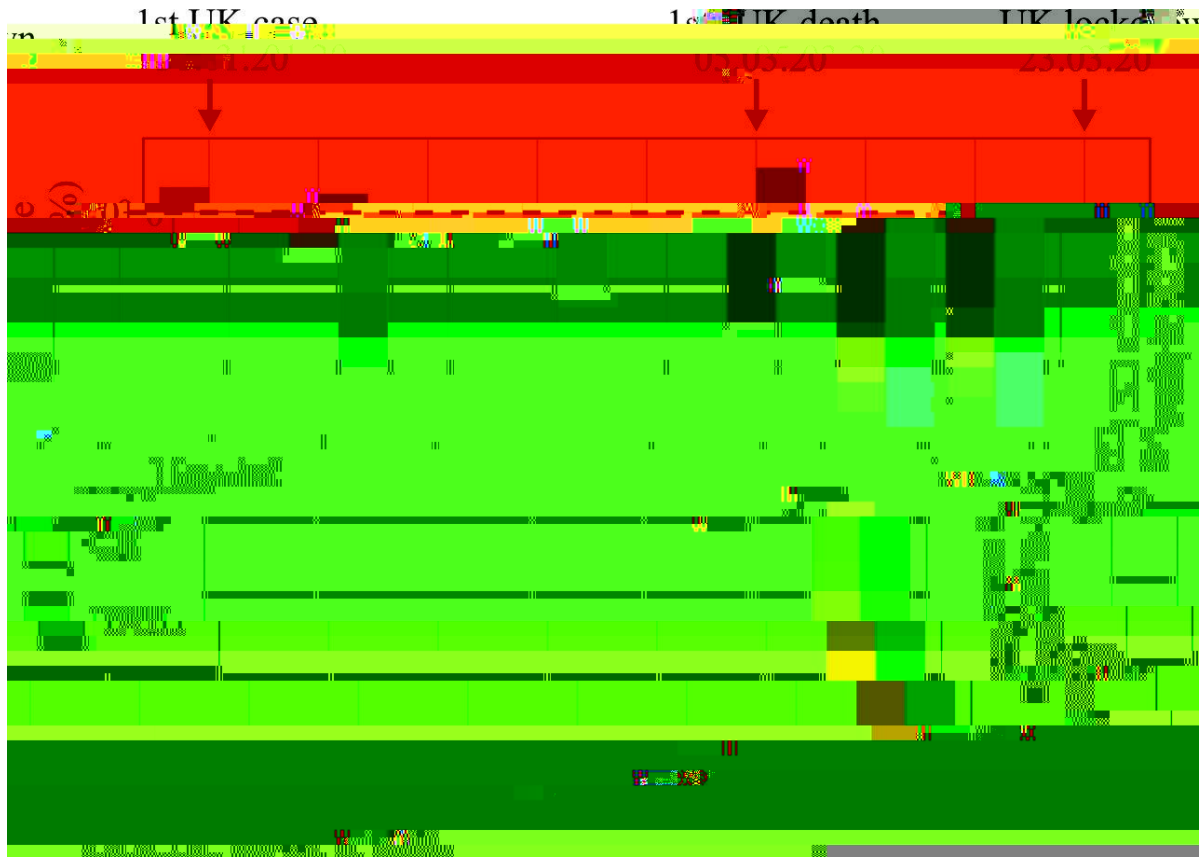
wellbeing

education

social care

inequalities



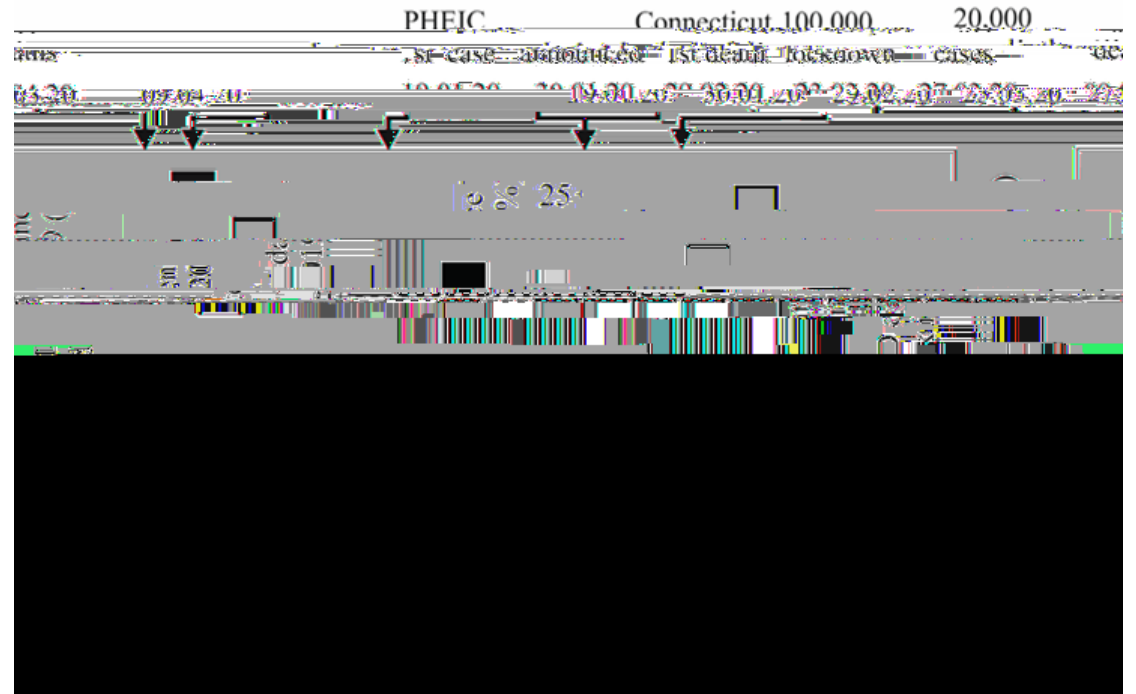


Weekly comparison of children and young people (CYP; <16 years of age at presentation), attending the Paediatric Emergency Departments (PEDs) at the district general hospital (DGH) and children's hospital (CH), 2019 versus 2020.

Published April 2020 in *Archives of Disease in Childhood*



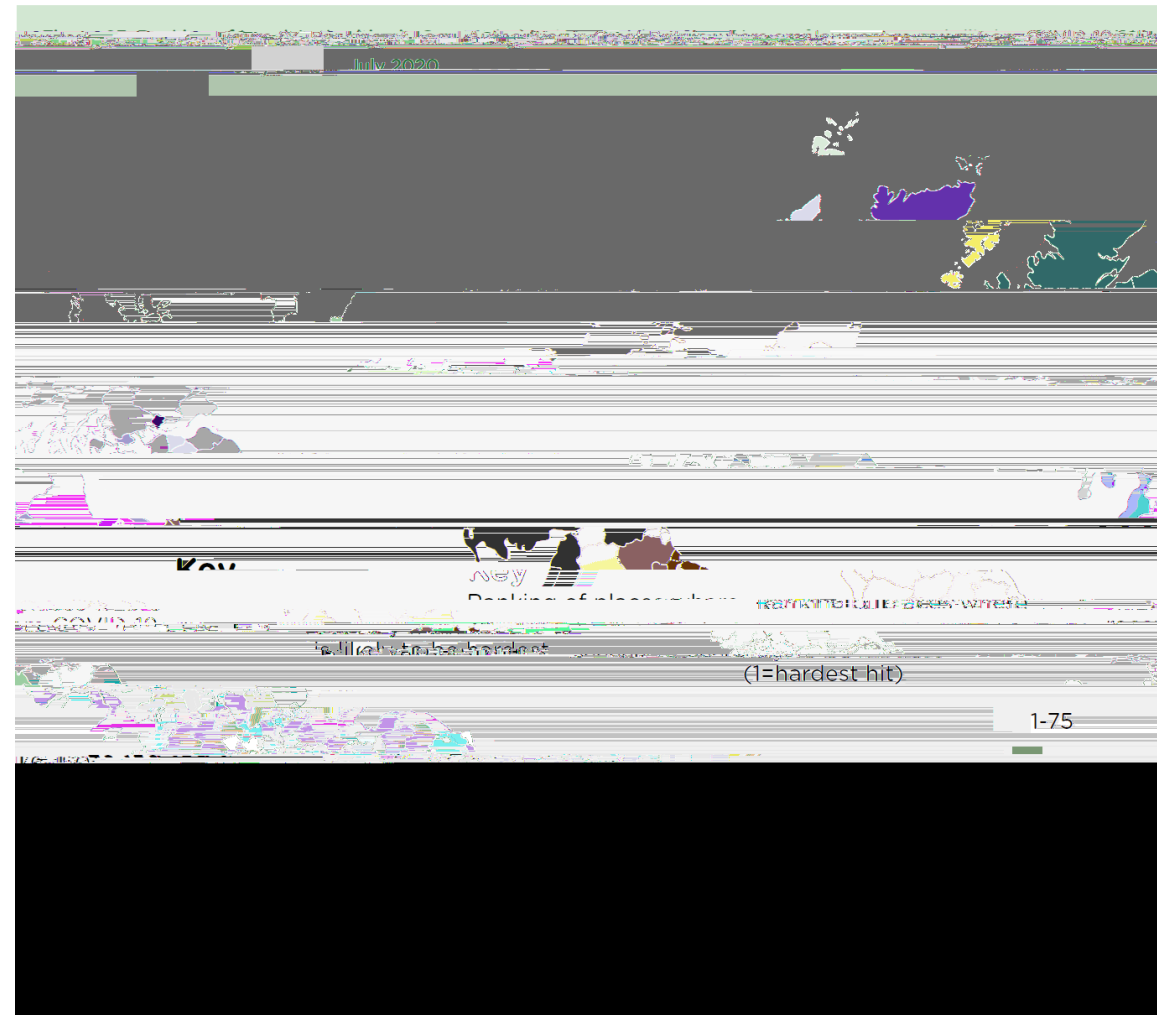
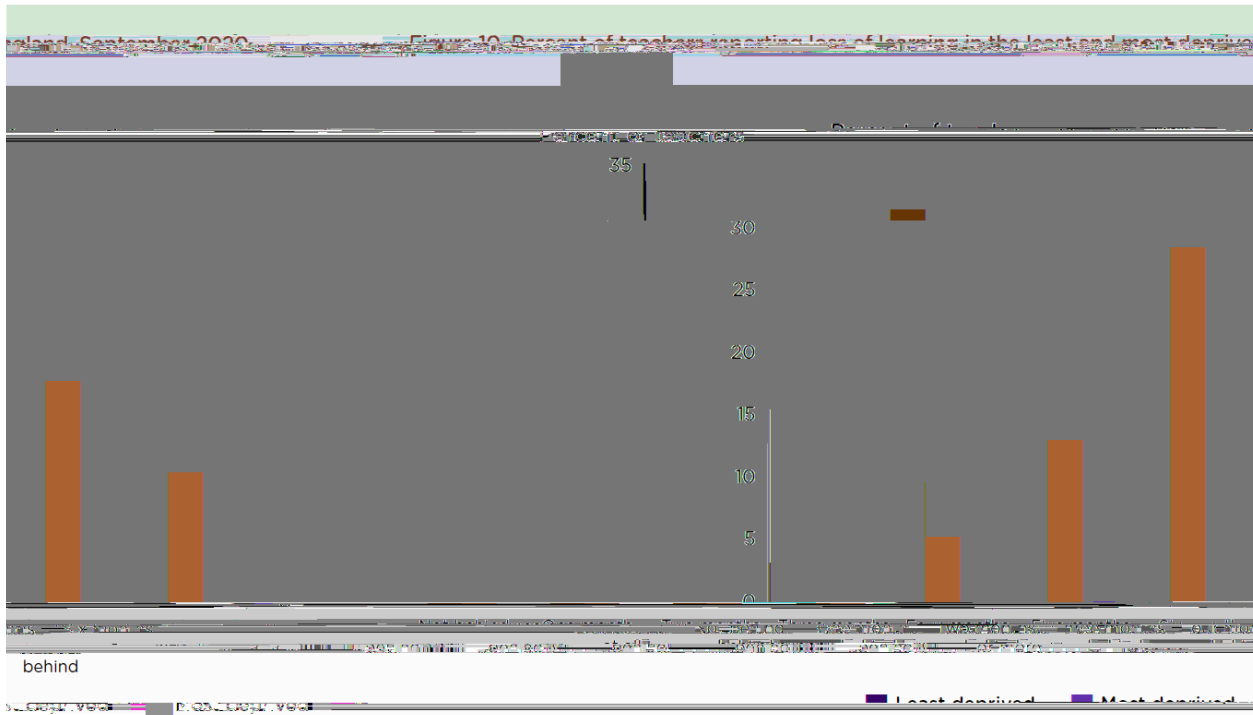
Weekly PED attendances (<16 years old) at Royal Manchester Children's Hospital (UK) from weeks 1-20 of 2020 compared to the same weeks in 2019.



Weekly PED attendances (< 16 years old) at Yale New Haven Children's Hospital (US) from weeks 1-20 of 2020 compared to the same weeks in 2019.

Lots of contributing factors for the decrease in attendances, e.g.
decrease in other viral illnesses due to handwashing, distancing, etc.
fear of the virus and hospitals
perception that hospitals were only for people with COVID-19
decrease in medically un-necessary attendances

..leading to concern that some children
came to the hospital later than usual e.g. new brain tumours
were invisible, so at higher risk of e.g. abuse



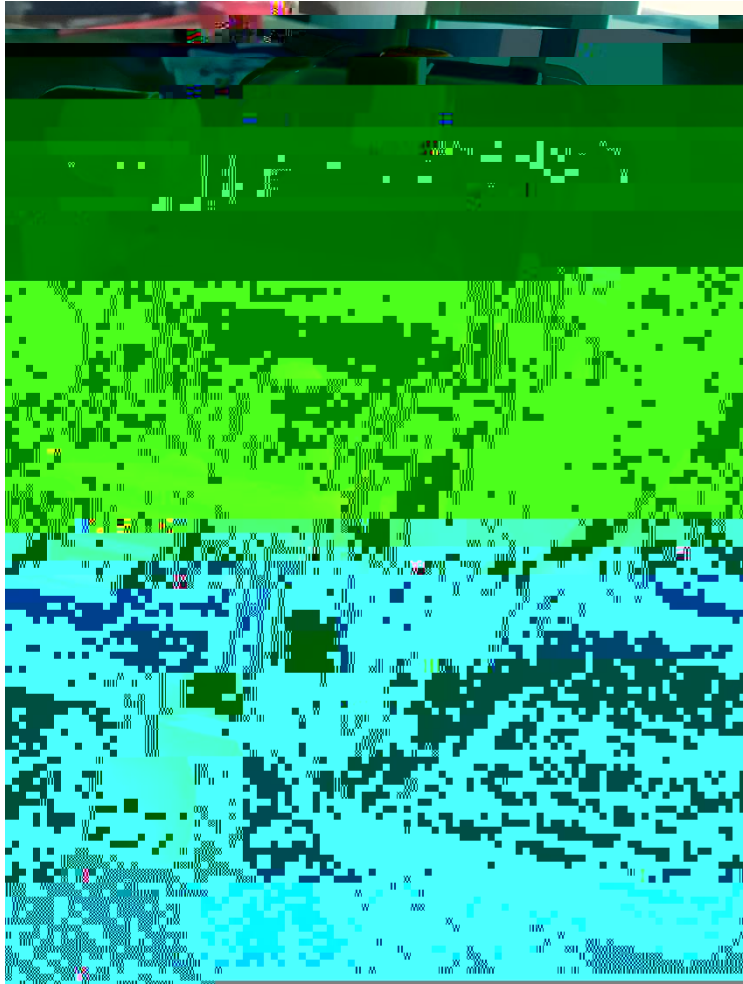
Both taken from "Build back fairer: the COVID-19 Marmot review."

children and young people (< 16 years old) make up a small number of serious infections and death due to COVID-19 (direct effects)

BUT they may be more susceptible to indirect effects (and they are pretty much invisible/forgotten)

hospital (and school etc.) attendance offers an opportunity for lots of other things e.g. identifying children at risk of abuse

implications for ongoing periods of lockdown in current pandemic



Where does Father Christmas go for the rest of the year?