

Rate of growth has been off
- lag
- testis dropped over two weeks

OSKano
Class 1000
~~functional~~
6 counter
drugs

[Feb 7]
PPE

Critical care beds
Under new management
compliance at two weeks

When you

Ventilators - ^{Ends} one single process
Engineers produce pulled in
Clinical medical staffs to really move

Donation [Xi]

Buy some from the same stock

We would have seen
48 hrs sitting in front of
955 arriving towards end of this week

2000 attempts to buy

Telegraph

Up 1400 more today

8 British companies - one in 1000

Virgin flight - spoke to Charles - 10 days at
in April

Org,

the next generation can kill you

10000 and

we have 2 in packs available

by end of Jan 41 in tablets

in the looking down on 5 years

8148 small ^{in hospital}

986 in mechanical
ventilator

2781 normal oxygen

248 non-invasive

5 days double time

Katherine Hammond

Tuesday

PPE

compliance - people are doing what we ask them to
do

60% of people

188 more deaths
a lot of evidence

improve forecast for all main pieces of PPE

New plan for PPE - we can only publish it when we
can

5/14/2020
we have a PPE plan in the slip

We are largely firm for all PPE items with respect of goods
opening up make routes

1.6m items into Greater Manchester. The system we have in place is extremely
reliable

Clippers - go online, order items - stuff delivered by
Clippers. No cases where service

Time but we are not approving

PPE - these are EPR numbers

Sectors / Wales / NI will be key users
We have been testing

Protocols of use of PPE

Chris Wormald

Precedence

Mythology
standards

Chris Whitty

A & E people want to wear gloves

New guidance -

Most professional bodies will support but new guidance

Yvonne FFPB goes up 99% filtration

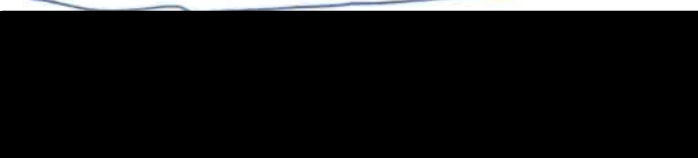
WHO are actually happy w. 95% FFP2.

A & E docs & nurses care will be happier

RCN

— Anne Marie Rafferty or Donna Kinnaird
my complete go support or more difficult members

RCN - a bit of ignorance



ABX - slight falls in compliance
new campaign.

45% recall ONS - social distancing, police

First fall in demand for new measures

Vallance

Good evidence
at point and time
this data points need to be perfect
preparation vaccines & drugs -
vaccines - still at least a year away
worse links to

Matt -
ventilator - best

1.5m shielded people

gone Erika Khan

border resilience - children's care
local authorities prepare for
more deaths

Rishi - new business rules

interest rates - fixing it down
but Japan has loan products

confusion about whether people
should be working

No amount of intervention

markets have stabilised focus on
our debts

debt to GDP Fitch downgraded

our foreign debt on world

big increase in gilt auctions

Don HMA begins reluctant
passing any law w. need.

getting national back home

150,000 from Spain

£75m for special cleaner figures

Wiz / China / Australia New Zealand

Wider international effort -

supports vulnerable countries. Watch for
epidemic preparedness

Moh

CBI / FSB

The money is going to local authorities
covers the whole of the UK

the banks have to step up -
people should be able to go to work -
work on the recovery

big Thiss - keep trade
margin same
occasions in supply chain
we have to diversify so we are
better prepared
investment across tools

Tiz Coffey - low down on
universal credit
JSA - but to be by
Vodafone
we are big proactive outreach calling
get the msg to people

Priti

Melissa buswolden
w. the press - so they get the
press
operational devices
When to see death rates climbing

Samaritans
children are at
home

Rob Jarvis
Elyed on an emergency tools -
7 areas of the country
embedded staff into each of the
PPE - This is becoming dark &
difficult issues. Redundant
death management issue
when shortfalls - but do we
get that workforce before
SAGE predicted -
high degree of compliance post
when we need LRTS on
an emergency tools

Jacob Rees - Moss

George Fudge
panic buying has peaked
now looking at need food
supply issues
Russia has banned export of
wheat - a lot of pots w. food
on the shelf

Mark Sweeney
NHS and NHS - dark board
revised guidance on PPE
delivered in sections big and NHS -
we need a clear public line
RCN

deaths. ONS death rate
looking at this high corona virus may be
involved
key strong compliance
people staying near to

notice absence
Need to keep away on track
Case rate broadly

Mass testing - background taken up
100 labs
that capacity was not been taken up
use all capacity we have
Spanish gov. but 1/2 of labs have
didn't work
M60 - support control a clear
Thermofisher antigen testing
we have the capacity up but
Oxford Nanopore
can scale a virus test

Chris White
deaths reflect what comes
before
unsurprising if depressing
ICA beds
Midlands - fastest growing area

Simon Stevens
How much to turn on the
Friday / SAT
40-80 beds at Exeter for weekend
Kent - 5000
Midlands - faster rate of growth
6 days in London
working closely w. Wolverhampton
+ Birmingham
28%

Biochemistry of the lungs
contract all J. Stevens
you need to test cancer patients
each lab has got permission to max
out
you have to use shuffordshire
type swabs
4000 swabs

Abbott - working w.

RCN spoke to Dave Prentice of UNISON

lab capacity across NHS

Will work - the issue is logistical bottlenecks

When will we have the results of the surveys
from Farrer & Wellcome

Elig & test - take blood serum

NHS capacity
Hydroxychloroquine
clotting gear for govt, aprom

CEPI - what to access

Mark Suleman

death numbers or case numbers
anyway we different per piece

Lee - tests response

Team up
What is the plan to get to adequate

Right down to summer
spring

NHS tests ramping up

NHS working
how can we scale up tests
anti body
this

Tough 6
Seems not doing so well
200 ventilation

$\frac{1}{4}$ of doctors are off ? No
7.7% are off

Feb
May
10,590 lbs.

social
diminishing
economy & consumption down.

We are not listening as made at the countries
big decisions in special distances

50-60,000

Paymaster General

2 metres

Who recommend the
metre

100% capacity

cycling & walking campaign
Pop-up cycle lanes
It's happening - LG are pushing

cycle to work scheme
2-300 increase for bikes

push forward on free transport
schemes

£250 in cash for

Asia, France, Germany, Italy
1st

This
message has
failed
He's coming to us to
a lunch of 150

He hasn't
been to school
revenue

a CCs
NHS staff to be
front of the
queue

Schools May 5 2020

planned approach

half the schools have early years

1-1 are 3-4

Group - say of
all children of the same age

After which year groups,
when the same age,
and

NHS 22nd June

Most children 1/2 → 2 weeks before the
summer

Years 10 & 12 Movers Brides & Grooms

Summer holiday a foreboding

You can try to anticipate with
how much

find people

Have not modelled full
return

non-essential return
→ a lot of pressure
from 2nd half

with increased for teachers
leaving with in 1/2 - 1/3 of

making
descriptions

Pakistan ✓

0.5 - 0.9 for the R
(same as seen)

What if we want health care workers &
care workers → low for the

Big one: spreading epidemic: 1) care homes
hospitals

What is likely to result in reduction
of R

What are home / hospital staff: 1) critical

What is coming down faster, what is a bit
faster - also give care homes?

Prevalence . 170,000 current
but'd be 65 - 360,000

regional variation : comparison between
ONS & modellers

incidence 18,000 per day NEW CASES
10-40,000

waiting time is 2 weeks but may be
a bit shorter in general population

ONS will give weekly updates on R on Thurs

Overall: if you cd exclude care homes /
nursing homes you wd be in a good position
to make changes

If you don't get these things under control
difficult to make changes

antibody positivity in health care workers

wave 1 → not a prob

wave 2 wd not peak it above 1
if there was a really good
trade as trace
→ date earliest data

transition years →
full going on with the transition years

very strong guidance on
hand hygiene
syphilis 1530

Personal care out

filing of coronavirus sheets
Dcoms

Care home staff should be tested

death rate in care homes is going down
for sec

ratio between health care or
social care rate & general public

→ It shd come down much lower

2 to 1 Crisis W.
Phase 4 we go one 1

We have been putting things true and real
us off the scale

The first bits of the we feel comfortable
with

NHS Capacity
to give capacity of health & trace

For pt more than 80% of the contacts

You have to back calculate

Trade & Trade
80%.

Wg much more (calculated) ~~to~~ 12
Italy -

Too complicated

Unit is not the ~~same~~ moment
David Spiegelha

Cat
Hamm

Dashboard looks pretty
stable - downward trend continues

people getting more worried about
loss jobs
loss future
loss economic future

clinically extremely vulnerable

the other

4 out of 10 say it

worried clearly was up a bit
any under 24s

lock-down

42% not confident that workplaces
can meet new safety

31 to plus for getting

Particularly worried about a 2nd
spike in infection/deaths -

My aim is to push up the bill

My aim is to push up the bill
to have be deaths

Why don't we ask why UK deaths so
high.

Why airports/borders so open?

Europe wants to see lockdown but not at
risk of infection

Hope and you're to sacrifice
Wednes/being at home/personal freedoms

Try to give us best chance on way in
but not on way out.

If we can't return to normal we should
with best deaths

Sequencing - What's to say
cutting for many lower places

Political with a bit we don't
understand too complex system - but we

Plus we need to explain

Stay a bit
control but virus
same time

Brakes

Bubbles

10

No slackness of

MW

Milo

Thank you list UK - name

bag of stuff, bags

Heavenly

that

what's up

Dep

Speech
rule

Simon Rodley

public messages - this is altruistic
if

Unions play handball

Keep away from the market on TFL platforms

Pushing

Thermofisher have opened a factory

Randox - test lab has gone down from
20,000 to 3000

A short programme creates a Randox
As the new lab comes in stream now

batch testing

MIRA batch

hand trace

Mark

gives / historic

they were used close cover 3 but not VPE
Why are guidelines

Numbers - 52%.

numbers of numbers who say they won't get the
NHS to school

43% went to R value

some have some worshippers

14% believe that care workers can cope

For 656
 Nat
 vetins news at age of 65

U3 Truss / George Fustice / ay 6.11

Kevin
 Ian
 Jeffries

Kevin - not earlier today ✓
 DAs & border unions ✓
 statement in House ✓
 Jolyon - back to work some
 cut work - some of staff back
 power - cliff - edge
 back to work guidelines
 border unions not like to feed in
 gradual easing of restrictions
 TFL - need to be resolved some
 water for later

Ian - desire to work
 lecture
 silence when off

Jeffries
 inclusive

Ed

Prin'

Intents of
 Immigration
 end of free movement
 a lot of sequences
 secure legal asset
 risk - so many changes
 reduce secure borders

We are still getting
 but numbers coming in
 people can still negotiate
 with be
 5m

framework for both
 glyn Williams -
 labour market strategy
 A need to get on top of
 the skills to enhance

2023 wants to be all in
 so much digital now

people who have to share data
 creator focus

What can help w. courts & r
 coming in

Need legal assets by volume
 for Migration Bill

Prin' increased by food
 enforcement
 public account groups the
 people supply baskets



higher sentencing
 child abuse

Food Standards agency
 being targeted by
 transnational software

Resistance - Making be
 more regular

Mark -
Walls -

- We have
revised
social dist
means

Nicola

- But we
are consi
mean

Arlene
Michelle

- We are r
includi
data

- Cobra
study

Justin
means
with combine
but hope it is to
compare

Mark Halseford

Nicola -

R higher than elsewhere
The only day 2 and contact
done with mean
parameters of test

genie discussion
Sty at home

Arlene

0.8 - 0.9

V. little room for manoeuvre
reputations relied on for 3 weeks
hope for future
Michelle
got up way forward

ONS

list of sports

Sanising once per day

of results alone w previous ONS

10-1 ratio of the same homes
US pm. pop

estimate of R 0.74
0.65 - 0.83

Asymptotic as we know US were
prevalence in same home / health care
necessarily low recovery down
+ faster.

0.65 - 0.9 say estimate

W got just back ONS data -
US get a slightly higher R -
US incorporate it w. other data

18,000 a day

No new estimate of health home
2 weeks

later figures
for London were lower
4x.

Seed spike is
over

We need to be
very cautious

But we need to

Katherine Hammond

OBESITY

BME
powers

No need of change to public
rate of decline slowly v. slightly

A lot of this is date of death

We peaked at over 19,000

→ deaths: we need a 4 nations
picture.

The official date is just a bit delayed

The deaths graphic — but
substantially above average

Part of our licence system to
crane

What we can do to bear down on this

The represented nature of conclusions

Subs use of pencils
The bigger issue

HSE doesn't guidance may be
is are no good.

Monday 11 May 2020

Border quarantine

air travel

→ all travel

2) Members
you are allowed to
survive w. members 2
you household

you can have a small
you can leave
you can leave
you can leave
w. members 2 you
household

2) you can visit
another person
outside to

COVID

dashboard

need in deaths looks
pretty positive

first signs of new
deaths later

New cases of today -
some deaths in care
home, some in all other
settings

data in eye

136,000 chance of
that aligns w. some
modelling in the R

think

new tests programme

when we have tested people
only 1% of those who have
symptoms have covid

new tests is going to
identify

92%

all

social distancing

over 65s and pretty

unemployed

but right after the trend

several beaches
closures

meets w. TPL
by one of the plans before
by end Monday 80% of
children

markets are all
very one
transport provision for
B&W

eye protection is but
shielding - but is too
expensive

health results seen. Look at
Tiger eye protection before B&W
2009 & decided that by
end we have been put into the
mode

Why put a pause on the

the most comfortable place
some start of the cases

gone

C1 - working class
have to leave for early work

44% reliability of govt information

52% said to not download that app

Kate Michael

You can play sports but
only w. members of your
clubhouse

You can not go outside
to be outside

You can go outside to
meet a friend
outside in a socially
distanced way.

We have a law on how
many people can gather

Meet your parents

Shielded

Clinically extremely
vulnerable

My husband & I are for
the go

Over 70s are told to take
extra care

You can't go out to
buy things

You can go out to
meet me

You can play football w.
your kids but not
respite care

What you can leave your
house for

You can leave your house to
do exercise
playgrounds are closed
outdoor gyms are closed

2

1
2

Rishi 11/75

Rebut - define
corporate - define
furlough - de. like

write a budget report review
Multi year spend review for
autumn

USDAW - the most constructive
under 5 are constructive. US will have
no members
retainers are all plans for
falls down 70%, the 50%.

For sales are up

TESTING

The Oxford Nanopore → get back
to go to site
by do genomic sequencing w. a handheld
device

My are a very serious company
Total ramping for the machine

Spine

2nd flight for one month

6-8m on flight
with little at 8m
a lot of 6m cost -

£86 a month. My will have been let go

22m people unemployed

staying it for a full month to July to get it

~~Now~~ there will be no cliff-edge
"allied" stream of it. Not helpful language

Not like 2008

We supported low-paid people

Keeps people connected to their livelihoods
3 month window - runs it

Express values

Part-time furloughs to save the recovery
Stop the scheme to entrants at some stage from

Business expect to drop in

The way the employee creates won't change

6.5m people who come at risk
of being laid off

It's not only biggest economic disaster

These are people -
- retail
- hospitals
- leisure

closed sectors

Approximately 4 weeks after it was
announced

It was an operational triumph

By where

self-employed open crew ahead of
schedule. By with get back cash

3.5m self-employed
By also get 80%.

160,000 home-based loans

£5bn out of the door

Cash in the afternoon

by far the best a supply business
high (6) credit

Employment law is done

Now has set up health & safety

people with public
not

Children employers
and a
responsibility

By will struggle to get their employees
back to work

You can have child-minders

By schools will be coming back & it
will be possible to have child-minders

By will use this as an excuse to have people not
go back

By will publish the assessment

HSE can report on & inspect

When there is bad behavior

How best to keep up HSE

It's about protecting your livelihoods

We've made it a safe place
to be

Lesson Statement on NHS
Targeted NHS app

away from unsystemic to business as usual

Tuesday May 12 2020

Schools - unions - head teacher across approach of plan
giving him all security schools back

COVID alert system

~~Emergency~~ ~~Alert~~ ~~System~~

South Korea - by built all the

How to do I in all work

COVID - more activities

Emergency Emergency

Dido

Underpin 10% up a same time
last week

Too people are not working

We will see some glass panes

by

ATE up 7% - we know what you'd

Input -

Eldest getting enough NHS means plans
for 80% by Monday. We need a
rush hour service to work

Emergency ☒

Eddie ☒

Dr Steven

Dido

At home
signs put
in front -
you
not to be with
to be for
we must have
wood poles

Consider people
outdoor space
what to use when day looks like

PPE: eye protectors

12/23 aprons - above minimum

weight as aprons

NHS - care homes

[NHS app trial - not yet]

The app trial has gone well
in the hospital has gone well

over 70s less answers

with streets children more answers

National Security

406
W
Mark
Anthony Richey

SALES

MERS — canals

Ramona creep too much to cond 19



National Trustees could
form a consortium

Robert Buckland

National Security

automatic early release has gone

(50) or so released so far
using the new 1-5 scale

for individuals good for looking people up
£10m in publications

carry on team computerisation

Don't need any new tools to deal w. prison numbers

28% capex

£100m cap value over £30m

Home detention curfew

for next 4 years, only if people arrested
CURFEW order

which will be dropped

leg dept a criminal justice
dept

New to dept - it's been too long
Spent 7/21

We will have fulfilled an

Burglary - we don't see a big
did we have a proper
offender disposal

alcohol
subjects bags - faps for
people released in
Lance - what's better if we
start by 500
Lance more bags

DRUGS display
of drugs

National security redaction

Munira

Sunday special
reading

Rishi has been explaining the problem

planning reform

setting out vision

family policy → make families more
special

Patrick Cus

get economy to recover as fast as possible

- labour market - perhaps

we want them back into production activity

- we need people back into work

= new employment offer

- build a better Britain

to accelerate training programme

2. Investment

how do we free up capital for
investment?
debt forgiveness

Kredit aus Welt für wieder aufbauen

Reconstruction Bill

National security redaction

Cyprus

Why did we intervene in

Iran crisis

PPE
 Care homes
 what is the number
 policy in care home
 PPE
 social teams 20
 with people problems is a significant aspect

glance
 color
 down
 fast Eddie

Covid Feb 13 2020
 more
 CDC data

test
 test results
 care homes nursing

Joint Biosecurity Centre
 policy up & running by end of year

Paul
 Transformation
 2000 = 1 week's work
 11 R Masks
 w/ 14 week 3 months
 30m of time

- 1) Care not made a case
- 2) Best case
- 3) genes

ONS data

April - first 6 weeks
 success marketing all cases
 keep alive on Friday

37%

brunswick day
 4% } death /
 7% } fear
 6% }
 10% }

glance we just didn't do any because
 we have a lot
 of pink methodology
 have to
 none of that from domestic manufacturers

there is a demand level between the 2
 to take away risks
 how many patients sitting
 no chance to be treated at all
 first time actual demand
 24 interventions
 16+ 17 interventions
 30% high
 20% over in the model
 masks are not back normal business
 gloves & aprons need to catch up

935,000 employees have finished 7.5u jobs

100 visits
 to coronavirus.gov.uk

at one moment level of confidence
 that manufacturing constraints are being
 converted into deliveries

Not plans of moving
 in care homes

a drift up in HGV vehicles
 loading data

tube is breaking
 6-7.30 → some capacity by
 the day

75% sunny for sat Monday
 by Bus + Shopper have made the connection

supply

A much better understanding of demand side &
 supply side
 Each day from is doing great work in
 learning ways
 nervous abt social care checking

2nd wave of covid?
 supply: much clearer picture

Swat (John) Powder

1) Manifesto commitment to full phase 1
breakdown 10-100x but current speed
significant broader - all at the same time
Areas where they don't have support at the
problem. When all your household objects
communicate w. each other. There will be
a ~~break~~

20% total commitment
96% already there -
we need to get

get to 100% support

Oral and speed to get 100%
required by 2025
we have from 80%
commercial

8-10 years

Get out support £750m

break some other competition
over

Ersson
Mehz
Hawes

OPEN RAN

IC@ - scale to

Ministers
taking responsibility

96

Kate Bryman

Patrick's work has been superb

Invent self-replicating RNA
modern

Modern - PRA

Mus - output - AZ

Two vaccine specific vaccine platforms

This is hard. & build up a platform for antibodies

Dollars the pub £300m

60m doses for Adeno

Vacc

Support in Oxford planning

2) "fill & finish"

- a bundle of costs for commercial supply

3) we can't make bulk antibodies

You can't make them alone

You are treating healthy people

Up you are vaccinating a population that is healthy you
have

4) Preclinical & adjuvants takes longer

GSK has the vaccine paper of

Older people who don't have good immune
systems

National Educational Union

They are long gone because
no plans

governments

thrusts

200,000 US\$
lab 'expenses'

Rebecca Hammond

Plots of care home downed jobs

New NHS data

and 0.25 have the disease

The number who have been
from work

83,000 - a week

having a ~~lot~~

Not a big act of day -
public behaviour

April A & E down $\frac{1}{2}$
what type of patients

60%.

procedures

Cancer referrals - went down
from 40k to 10k

rebates to 20k

half but rate - some say but
upside care services

PPE situation much better for care
providers

movements -

small increase -
parent attendance at school
a trend to watch -

settled for

84%.

public reaction
worried about death,
jobs, strangers

60% plus an
increase in death

economic woes has
clouded

more people staying
were social distancing