

1 paperwork to which we may refer ourselves where this
 2 issue has been specifically considered by the
 3 Welsh Government?
 4 A. No. I would have expected that, as we absorbed those
 5 responsibilities in 2018, it would have formed a pattern
 6 of work to review, not because that was being pressed at
 7 that time, but the reality was, in 2018, our resilience
 8 attention had just switched and we weren't able really
 9 to discharge some of those early expectations from
 10 sector assurance plans, so there is no documentation as
 11 such, but I know there had been some thinking over that
 12 previous time relying on, actually, the individual risk
 13 assessments that came up from the local resilience fora,
 14 and I said that was translated in document style into
 15 the programme of work for the Wales Resilience Forum.
 16 Q. Dr Goodall, I'm sorry to press you, you say there was
 17 a pattern of work and thinking was done in a document
 18 style; was a document drawn up in which the issue of --
 19 A. No.
 20 Q. -- a Welsh risk assessment was debated?
 21 A. No, I'm just reflecting that there was no document at
 22 that time.
 23 Q. Right. In hindsight, and it must surely follow because
 24 the Welsh Government's position now is that there is
 25 a need for a Welsh-centric risk assessment process, that

5

1 but the resilience team have actually been producing
 2 a Wales risk register as one of our lessons learnt.
 3 Q. Has that team made a decision on a piece of paper saying
 4 "The time has come to seek ministerial approval for the
 5 creation of a risk assessment process for Wales"?
 6 A. The team has not done that, in line with your wording,
 7 so no.
 8 Q. So that's the first part, the National Risk Assessment
 9 process. The second part to which you made reference is
 10 the corporate risk register.
 11 A. Indeed.
 12 Q. Is that process in existence because the government, the
 13 Welsh Government, like commercial entities and other
 14 government bodies, is required to assess what risks may
 15 face that particular entity, the Welsh Government, and
 16 obliged to identify the steps that are required to
 17 mitigate the risk to ensure that the consequences that
 18 would normally flow from that risk developing can be
 19 addressed?
 20 A. Yes, in respect of Welsh Government as an organisation,
 21 and in respect of capturing the risks and issues that
 22 the organisation is facing itself, yes.
 23 Q. Could we have, please, INQ000128968.
 24 Is this the corporate risk register for the
 25 Welsh Government in July 2014?

7

1 that was an error? It should really have been done at
 2 the time that the Transfer of Functions Order was made
 3 in 2018, so that there would be a risk assessment
 4 structure to which these new executive functions from
 5 Whitehall could be attached?
 6 A. Yes, it helps the clarity of the functions and
 7 responsibilities that moved across, and that helps to
 8 clarify a change from support and de facto leadership
 9 arrangements into the co-ordination role. So, yes,
 10 I would agree. And as I've said, you know, our current
 11 thinking and experience and activities that are taking
 12 place are actually looking to produce an intermediate
 13 Wales risk register that reflects our own priorities in
 14 Wales.
 15 Q. You've now used, if I may respectfully suggest, another
 16 euphemism: you're "looking to produce". Has the process
 17 started of --
 18 A. Yes.
 19 Q. -- writing a risk assessment process for Wales?
 20 A. Yeah, the resilience team is reviewing and has
 21 instigated arrangements to look at a Wales risk
 22 register.
 23 Q. Has the decision been made to produce a Welsh risk
 24 assessment process and register?
 25 A. Those arrangements haven't been endorsed by ministers,

6

1 A. Yes, it is.
 2 Q. If we could go to page 5 and row P5, thank you -- so
 3 page 6 actually.
 4 P5 says "Resilience (Major Emergencies):
 5 "If we fail to provide leadership to ensure Wales is
 6 prepared for and resilient to the full range of national
 7 hazards and threats, including pandemic influenza,
 8 terrorism, major flooding, severe weather and currently
 9 the impact of the fire fighters' industrial action, then
 10 there is a risk to the health and well-being of the
 11 citizens of Wales."
 12 Then if we could go back up to page 6 and the bottom
 13 half, the document sets out, does it not, mitigating
 14 steps, so things that need to be done in order to make
 15 sure that that risk doesn't develop into reality? And
 16 the controls are: comprehensive governance structure;
 17 links with responder agencies, liaison; investment in
 18 facilities and communications; emergency contact
 19 arrangements; the existence of a pan-Wales response
 20 plan; ministerial agreement to strategies, in particular
 21 the 2011 document; and Welsh Government-led pandemic
 22 influenza group meetings.
 23 So all, I suppose, the various moving parts of the
 24 Welsh Government and what it's doing in relation to
 25 meeting the risk of pandemic influenza.

8

1 Can you tell from this document, Dr Goodall, what
 2 the overall view was of the state of those mitigating
 3 actions? So does the document tell you whether or not
 4 the Welsh Government believes that it has adequately
 5 addressed the risk by virtue of its mitigating actions?
 6 Is there a reasonableness or a critical review of the
 7 overall state of play in this document?

8 A. It sets out the initial assessment of the risk, which is
 9 the score of 20, that scale runs up to a maximum of 25,
 10 and it provides the score on the right-hand side after
 11 those actions have been deployed, which, allowing for
 12 the actions that are set out under the control section,
 13 gives that a residual score of 12. So whilst they don't
 14 read across individually and directly to that number,
 15 they would be capturing a rounder view that there was
 16 a sense of assurance about the actions that were taking
 17 place at that stage, and this would have been in the
 18 run-up to some of the Exercise Cygnus-type arrangements
 19 at that time.

20 Q. Can you tell from the colour-coding on the right-hand
 21 side the degree of reasonableness of the actions that
 22 were being taken? So is this a category red, "Major
 23 risk, impossible to mitigate", or an orange risk, which
 24 is, "That's all right, we've identified reasonable
 25 mitigating steps and we think the risk has now reduced",

9

1 or is there some sort of other categorisation?
 2 A. No, it would be your latter description, which would be
 3 indicating that there was a view that those mitigating
 4 steps would have reduced the overall risk assessment
 5 score.

6 Q. To what sort of level?

7 A. To --

8 Q. And --

9 A. -- an amber level.

10 Q. What does amber mean?

11 A. Amber means that -- need to keep it under observation,
 12 under consideration, it's not at the highest level of
 13 escalation for actions.

14 Q. All right.

15 Can we now move forward, please, to the analogous
 16 entry for June 2019, just before the pandemic.

17 INQ000215558, please. If we could scroll in so that
 18 we may read it a little more clearly.

19 For quarter 1, 2019 to 2020, the risk is identified
 20 as a:

21 "Disruption Event, Affecting People, Places,
 22 Finances, Communications and IT.
 23 "If there is a significant disruption event (whether
 24 an 'act of god' or planned attack/event) the
 25 Welsh Government may struggle to recover its operations

10

1 quickly and effectively so that continuity of business
 2 critical activities is lost."

3 The mitigating measures are now identified as: the
 4 existence of a "Business Continuity Plan"; in very broad
 5 terms, the disaster recovery plans are in place; the
 6 assertion that "Lessons are learned from disruption
 7 events"; and the claim that "Emergency response
 8 protocols are in place and are practised through
 9 desk top and live exercises".

10 So a number of questions, please, Dr Goodall.

11 Firstly, why has the identification of the risk
 12 become so much more broad and opaque by 2019? There is
 13 no specific consideration of pandemic influenza being
 14 a risk and therefore no specific consideration of what
 15 mitigating measures might be necessary to meet that
 16 risk; why was that?

17 A. Yeah. So there was a change in the development of the
 18 corporate risk register, from the earlier version that
 19 you've showed as part of the evidence, through to,
 20 I think it was 2017, 2016/2017, when the risk register
 21 had been reviewed and set out more in the context of the
 22 specific issues that were relevant to the running and
 23 operation of the organisation, and this disruption event
 24 description was translated, therefore, into: could the
 25 organisation reassure that it was able to instigate its

11

1 own arrangements, so its own internal business
 2 continuity plans, that it was able to have disaster
 3 recovery arrangements for IT, and became more internally
 4 focused in respect of a smaller range of risks that were
 5 set out in the risk register at the time.

6 From my personal experience, because I was the
 7 Director General for Health and Social Services, we had
 8 actually included pandemic flu and other health
 9 emergencies preparedness within the context of our
 10 group-based risk register, and I think rightly, whilst
 11 of course that would touch on some of those internal
 12 areas, because of our oversight of the system, we
 13 actually did need to make sure that we were covering off
 14 those pandemic flu risks in that arena, and they were
 15 consistently described in there. But there was a shift
 16 in the corporate oversight and the way in which the risk
 17 register was put together. So this is: can we set up
 18 the emergency co-ordinating centre? Do we have a rota
 19 in place? Do we have our own resilience plans
 20 internally? And looking at it for the internal
 21 operation of the organisation.

22 LADY HALLETT: I'm sorry, Dr Goodall, I don't follow.
 23 Wouldn't a corporate risk register always focus on the
 24 operation and running of the business with specific
 25 issues relating to it? I'm not following what you mean

12

1 by it changed, other than it obviously did change.
 2 A. It changed to look at the way in which the civil service
 3 itself would step up in the emergency context, and also
 4 recognising that emergency planning and response over
 5 time had been limited to individual and almost rare
 6 events. We'd seen a pattern of requiring our
 7 contingencies arrangements to kick in much more often
 8 and using our internal co-ordinating arrangements. So
 9 there was a decision that was taken corporately
 10 reflecting on risk register arrangements and that
 11 decision was manoeuvred through. It was a much smaller
 12 list of corporate risks that were held at that level.

13 MR KEITH: Dr Goodall, can I ask you, as you answer, please,
 14 just to slow down a little.

15 A. Of course.

16 Q. You're going very fast for the stenographer.

17 A. Of course.

18 Q. Dr Goodall, this is a risk register for the entirety of
 19 the Welsh Government, is it not? It is the
 20 Welsh Government corporate risk register?

21 A. Yes, it's the Welsh Government risk register for the
 22 operation of the civil service of the organisation, yes.

23 Q. Yes. Risk registers are meant to identify risks facing
 24 the particular body to which the risk register relates,
 25 namely the Welsh Government and its administration and

13

1 because it was then in their risk register, nobody
 2 outside that group would have been required to focus for
 3 the purposes of the risk register on pandemic flu on the
 4 part of the Welsh Government, because it was no longer
 5 in the risk register?

6 A. I don't feel that represents the position, because there
 7 was a lot of preparedness activity taking on. I know
 8 that Cabinet received updates in 2018 and in fact had
 9 instigated sector resilience plans from all of the
 10 sectors in Wales, which were explicitly on pandemic flu,
 11 and that would have reflected the seriousness and the
 12 high level of risk associated with it.

13 But there is a danger in looking at the risk
 14 register that whilst it covers a series of individual
 15 areas that you would lose some of that expectation
 16 within the organisation if you weren't able to report up
 17 those concerns from the health group, I agree.

18 Q. You make, if I may respectfully suggest, a good point,
 19 which is that of course work and preparation continues
 20 by-the-by, but would you agree that if you take out of
 21 a formal quasi-legal document which is designed to
 22 ensure that the leaders of the Welsh Government focus on
 23 the greatest risks which face the government as a whole
 24 and the people of Wales, there will inevitably be
 25 a tendency to take your eye off the ball, because nobody

15

1 governance. Influenza pandemic was generally regarded
 2 as the greatest risk facing the nations of the
 3 United Kingdom; it was a Tier 1 risk in the
 4 United Kingdom risk register. So why, if that is -- if
 5 it is or was the greatest risk facing, generically, the
 6 Welsh Government, was the consideration of that risk,
 7 the detail of that risk, the proposed mitigation of the
 8 risk, the actions required to meet that risk, downgraded
 9 by virtue of being put into the Health and Social
 10 Services Group risk register -- which is not the
 11 Welsh Government, it is one part of the
 12 Welsh Government, it is the health and social services
 13 part of the Welsh Government -- and necessarily then
 14 taken out of the generic corporate risk register?

15 A. Simply, at the time the risk register was developed to
 16 be more generalised about the response, because of the
 17 pattern of experiences of other events happening and the
 18 need to step up the Wales resilience arrangements. So
 19 that was the decision that was taken at the time in
 20 development.

21 Q. Do you accept, Dr Goodall, that the inevitable
 22 consequence of that decision was that whilst the civil
 23 servants and ministers in the Health and Social Services
 24 Group part of the Welsh Government would have been
 25 thereafter focusing on the risk of pandemic influenza,

14

1 is saying, "Right, what must we do? Our own risk
 2 register says this is the greatest threat or hazard that
 3 we face, we must focus specifically on what we're doing
 4 to meet it"?

5 A. I'm concerned that it is possible that organisations
 6 would shift their attention. I would hope that the
 7 manner in which we continue to focus on the hazards and
 8 threats and that risk profile in terms of the oversight
 9 of the Wales Resilience Forum would have kept that
 10 attention, and certainly we continued with our
 11 preparedness activities through that period of time.

12 Of course I had the opportunity to raise any
 13 additional concerns from the Health and Social Services
 14 Group perspective because we were overseeing those
 15 arrangements within the detail of those plans as well
 16 where pandemic flu did feature.

17 Q. Mr Vaughan Gething, who was, firstly, Deputy Minister
 18 for Health and then subsequently, until 13 May 2021,
 19 Cabinet Secretary for Health, Well-being and Sport, has
 20 provided a statement to the Inquiry in which he says
 21 this:

22 "... preparedness was not a particular focus of
 23 interest or concern in government, the Senedd or
 24 outside, and I do not remember any significant
 25 questioning on the topic either in government, the

16

1 Senedd, in the media or elsewhere."

2 Elsewhere in his statement he says:

3 "... preparedness had not featured prominently
4 before in my work, that changed when I had a part in
5 Exercise Cygnus."

6 That would tend to suggest, Dr Goodall, that at
7 a high general level, whilst individual parts of the
8 Welsh Government were getting on with doing what they
9 felt they needed to do for preparing the Welsh people
10 for the Tier 1 risk of a pandemic influenza, there was
11 an absence of particular focus by the government on
12 preparedness; would you agree?

13 A. I know the minister was very personally involved in
14 Exercise Cygnus, but we would have taken some confidence
15 and at that point the moderated scores, but I note the
16 minister's statement and we would have raised those
17 issues with the minister if we had had significant
18 concern about our response and preparedness at that
19 time. But I know that he obviously had reflected, given
20 his involvement in Exercise Cygnus, about its
21 significance.

22 Q. Had the risk rating for disruption events, including
23 pandemic influenza, gone up between 2014, the first
24 chart we looked at, and 2019 to 2020?

25 A. The --

17

1 more confidence that the arrangements were working.
2 That would have come back on experience of instigating
3 some of these arrangements, like disaster recovery, over
4 that previous time. So it's a lower residual score, it
5 was at that time showing a high level of assurance.

6 **LADY HALLETT:** The risk has gone down from 8 out of 25. The
7 state of preparedness has got better according to this
8 risk register.

9 A. Indeed, yes, it had dropped from 12 to 8, yes.

10 **MR KEITH:** Was that in part because further actions were
11 identified as having been -- or actions were identified
12 as having been put into place, a business continuity
13 plan, generically disaster recovery arrangements were in
14 place, lessons were being learned, and response
15 protocols were in place? Is that why the overall risk
16 had gone down, because those things were being done?

17 A. Yes, it was, and also, as I say, because of that broader
18 use of it as being the internal trigger rather than
19 a cross-Wales trigger.

20 Q. But the reality was different, was it not, because, as
21 you agreed yesterday, the major civil contingencies
22 planning documents, the communicable disease plan, the
23 2011 strategy, the Health and Social Services Group
24 pandemic influenza response plan, none of them had been
25 updated since 2014, the Transfer of Functions Order in

19

1 Q. The overall risk rating and whether or not the risk had
2 been mitigated.

3 A. The overall risk score stayed at the same very high
4 level.

5 Q. What about the risk score after the mitigating events
6 are taken into account?

7 A. The mitigation score had dropped from 12 to 8 and, as
8 I said, we had used that more in terms of the internal
9 triggers for business continuity, so there was
10 a different assessment, but the score had gone down from
11 12 to 8.

12 Q. What does that mean, that the score had gone down from
13 12 to 8?

14 A. It means that, in respect of the mitigations and that
15 more general view, there was a view that those areas
16 would give a degree of confidence about the
17 responsiveness of the organisation and the triggers that
18 we'd utilise internally in the organisation.

19 Q. May we be clear, please, Dr Goodall. The reduction from
20 12 to 8 signified an appreciation or acknowledgement by
21 the Welsh Government that the mitigating features, the
22 measures it had identified to meet that risk, were no
23 longer as effective as they had been in 2014; their
24 impact had been diluted. Is that not right?

25 A. The score here would mean that there would have been

18

1 2018 had taken place, but the Welsh Government did not
2 have the full resources, the capacity or the structural
3 system to be able to accommodate those changes of
4 executive function, not all the recommendations from
5 Exercise Cygnus or Taliesin had been implemented, and
6 the workstreams that did take place throughout 2018 and
7 2019 were significantly interrupted by
8 Operation Yellowhammer?

9 So how can those control or mitigation measures have
10 been properly advanced as a reason for mitigating the
11 overall risk?

12 A. Yes, in hindsight on those scores, with the experience
13 we went through, that residual score, despite those
14 broader areas, should have been higher, but it wasn't at
15 the time.

16 Q. But, Dr Goodall, somebody compiling or somebody in the
17 Welsh Government would have known when this risk
18 register was being compiled that those mitigation
19 measures were to a large extent chimera, they simply
20 didn't reflect the reality of the position on the
21 ground, did they?

22 A. I think they were genuinely reflections at the time
23 about the way in which we had worked through various
24 internal arrangements, including business continuity.
25 We'd had experiences around disaster recovery and it

20

1 would have been demonstrating some assurance from the
 2 teams at that time, but I obviously can't change the
 3 score that is there at that time.

4 Q. Do you agree that those mitigation measures were not
 5 accurately described in that risk register? At
 6 quarter 1 of 2019, those mitigating measures did not
 7 reflect the reality of the absence of work within the
 8 Welsh Government in terms of the updating of the
 9 planning, the guidance, the resourcing, the response to
 10 the exercises, or the capacity to meet the Transfer of
 11 Functions Order?

12 A. I think personally, in hindsight, that should have been
 13 a higher residual score, yes.

14 Q. Yes. Therefore those mitigating measures identified
 15 there are inaccurate, they were simply not an adequate
 16 reflection of the reality?

17 A. They are generalised statements, but they would have
 18 been --

19 Q. They are --

20 A. -- business continuity arrangements that were referred
 21 to as part of that as well, but, as I said, the residual
 22 score in hindsight should have been higher at that time,
 23 I agree with you.

24 Q. Dr Goodall, they are either inaccurate or they are too
 25 general.

21

1 simply didn't have that within the coronavirus response.
 2 But I do agree that there were a range of areas in there
 3 which were not looking to contain mechanisms, and
 4 therefore more focus on those non-pharmaceutical
 5 interventions would have genuinely helped in the
 6 response.

7 Q. Were all the pan-Wales or Wales-centric health emergency
 8 pandemic influenza-related guidance documents all
 9 similarly tainted by that strategic error? So
 10 presumably the 2011 strategy, which was a UK document,
 11 was looked at by the Welsh Government, which would then
 12 rely upon it for the purposes of drawing up its
 13 communicable disease guidance, its Health and Social
 14 Services Group pandemic guidance, its civil
 15 contingencies guidance, its pan-Wales response plan, and
 16 so on, but they were all drawn, weren't they,
 17 strategically from that original single United Kingdom
 18 document?

19 A. Yes, the UK document directed and was the framework that
 20 we all worked within. It set out the strategy, and that
 21 would have translated through. It would have been
 22 different with some of the arrangements like the
 23 outbreak plan for Wales, because, given the particular
 24 focus there, there would have been a focus on
 25 containment rather than the pandemic flu principle,

23

1 A. Yeah.

2 Q. Which is it?

3 A. I think they were too generalised, and that probably
 4 gave some inappropriate assurance on arrangements in
 5 there. Within the Health and Social Services Group
 6 plan, we were able to highlight some of the higher level
 7 of actions that were taking place on behalf of the
 8 sector, and I hope that that would have mitigated some
 9 of that in terms of the way we worked our way through
 10 those.

11 Q. Briefly turning to some of those plans and the guidance,
 12 do you agree that the 2011 strategy, the UK pandemic
 13 influenza strategy, was not updated before the pandemic
 14 struck, insofar as Wales was concerned, and that, as it
 15 happened, doctrinally, strategically, it contained, as
 16 the evidence now very plainly establishes, a number of
 17 flaws; would you agree with that proposition?

18 A. I agree it wasn't updated, and I do agree, given the
 19 emergence of novel coronavirus pandemic, that there were
 20 a number of assumptions in there that directed us to not
 21 plan for a range of areas, and that might have included
 22 mass gatherings, non-pharmaceutical interventions. We
 23 would have been reliant more in a pandemic flu response
 24 for a series of opportunities to treat, to vaccinate, to
 25 use antivirals, almost as an initial response, and we

22

1 which was an expectation that it would get to a level of
 2 community transmission.

3 Q. Therefore, because the 2011 strategy failed to recognise
 4 through the inherent unpredictability of respiratory
 5 viruses that there may be a non-influenza catastrophic
 6 outbreak with different incubation periods, different
 7 transmission levels, different viral load impact, none
 8 of those issues or the associated countermeasures that
 9 might have been drawn up to deal with those problems
 10 were addressed in any -- as with Scotland -- pan-Wales
 11 documentation?

12 A. Yeah, there was a strong focus on beyond the detection
 13 and assessment stage to be able to use, in a pandemic
 14 flu context, treatments and antivirals and to deploy
 15 those, and that was unavailable to us with the
 16 coronavirus pandemic.

17 On the updating of documents that you raised, we did
 18 update the pan-Wales response plan in 2019, we updated
 19 the health group response activation in 2019 as well,
 20 but it would be right to say that even if we had updated
 21 the plan back in 2018, I don't feel that those
 22 underlying principles would have necessarily changed at
 23 that point. Of course, even if we had updated them in
 24 Wales, we would have updated them again because of a UK
 25 set of changes.

24

(6) Pages 21 - 24

- 1 Q. Whatever the variants, whatever the updates, they were
 2 still harnessed to that strategic yoke from the original
 3 document?
 4 A. Indeed.
 5 Q. The inevitable consequence of all that was, wasn't it,
 6 that in the early weeks of Covid -- and I refer now to
 7 a statement from Mr Kilpatrick -- it became absolutely
 8 apparent that the model which had to be drawn up from
 9 scratch in the early days of February and March 2020
 10 simply didn't align with the Public Health Wales
 11 Communicable Disease Outbreak Plan, which of course was
 12 the sole plan that Wales was relying upon for dealing
 13 with a communicable disease outbreak? It just didn't
 14 help them at all.
 15 A. Yeah, the outbreak plan would have tended to have been
 16 focused on outbreaks in a more local setting and would
 17 tend to be discharged within the local resilience fora
 18 setting, and obviously the translation to a national
 19 level would have been something different.

Certainly in, you know, reviewing the infectious diseases emergencies plan for Wales, that also was not really focusing on the broader sort of societal issues that were under review by the UK pandemic flu plan, and that, equally, would have needed us to step in differently at that kind of national level.

25

- 1 place, literally within 24, 48 hours.
 2 Q. Could you describe for us, please, the width of that
 3 exercise, how significant it was in the general pantheon
 4 of exercises? Because it was in two parts, I think.
 5 The first part addressed the technical and procedural
 6 aspects of communications between local resilience
 7 forums, the four resilience forums in Wales, and the
 8 strategic co-ordinating centres, which deal with the
 9 response, as opposed to planning; and the second part of
 10 the exercise appears to have been -- and it took place
 11 on a single day -- with examining the strategic
 12 decision-making of the strategic co-ordinating groups.
 13 So it appears in general terms to have been addressing
 14 the mechanics and the working practices of that lower
 15 level in the civil contingencies structure, the local
 16 level. Is that a fair summary?
 17 A. Yes, at the time I was a local health board chief
 18 executive and would have had involvement in those
 19 arrangements and through, you know, my organisation at
 20 the time. But, yes, it was looking to test the
 21 resilience of those local agency relationships and
 22 absolutely in the context of the local resilience fora
 23 structures as well. Of course that was up through the
 24 co-ordination mechanisms up at the Welsh level as well.
 25 Q. So the exercise didn't address directly the workings, in

27

- 1 I mean, my view is that we were using the plans as
 2 the basis of our response, that it gave us foundations,
 3 and certainly that would be true of the pan-Wales
 4 response plan, but we had to adapt very quickly to the
 5 emerging situation and with the knowledge that was
 6 coming through very, very quickly at that time.
 7 Q. All right.
 8 Now, may we then turn, please, to plans -- away from
 9 plans to exercises.
 10 The two major exercises with which we need to be
 11 concerned are Exercise Taliesin and Exercise Cygnus, are
 12 we not?
 13 Exercise Taliesin was in 2009. Was that
 14 a Welsh Government or a United Kingdom exercise?
 15 A. That was actually a United Kingdom exercise. We
 16 discharged it very significantly, though, in Wales.
 17 I actually remember being part of that exercise at the
 18 time, because I was two years into being a chief
 19 executive.
 20 Q. Was that an exercise which took place contemporaneously
 21 with the swine flu outbreak and therefore was able to
 22 pick up some of the lessons that were learnt necessarily
 23 from the outbreak itself?
 24 A. Yeah, it almost immediately went into the early part of
 25 the swine flu outbreak, as the exercise was taking

26

- 1 fact, of the central Welsh Government, so the workings
 2 of the Cabinet of the First Minister or the
 3 directorates, including Health and Social Services, or
 4 that part of the government, but of course they were the
 5 bodies that would receive whatever information was
 6 coming from the local resilience forums and the
 7 strategic co-ordinating groups?
 8 A. Well, I would say "and". I think they were absolutely
 9 focused on ensuring that those local resilience
 10 arrangements worked and responder organisations were
 11 part of it, but in the context of working in Wales, the
 12 structures would have come together at the national
 13 level as well, and there would have been involvement at
 14 that time from the Health and Social Services Group, its
 15 equivalent.
 16 Q. Could we have, please, INQ000128976, which is the report
 17 from that exercise. Exercise Taliesin/swine flu
 18 structured debriefing report, it took place in the
 19 Emergency Coordination Centre on 18 November 2009,
 20 although there was an earlier day, as I suggested,
 21 I think, in April where --
 22 A. There was.
 23 Q. -- there was an exercise from 8 till 8 in the evening
 24 for the strategic co-ordination groups and local
 25 resilience forums. It was prepared for the Wales
 28

1 Resilience Partnership Team, and if we could go, please,
 2 to page 13, I think we'll find the recommendations or
 3 conclusions. If we could scroll back out, please, at
 4 the bottom of the page:

5 "The following conclusions are based on the issues
 6 raised at the workshop for swine flu and
 7 Exercise Taliesin ..."

8 "In spite of pandemic flu being known as the highest
 9 risk and with considerable investment being made in
 10 recent years to ensure that the UK is prepared to cope
 11 with such an event, a number of gaps were exposed in
 12 plans which need to be addressed ahead of a more serious
 13 pandemic. These issues in particular are ..."

14 Then if we could -- could we scroll back out so that
 15 we can get our steps in relation to -- our bearings in
 16 relation to the particular areas: excess deaths,
 17 social care, schools and early years settings, and --
 18 over the page -- information gathering, cultural
 19 approach based on the worst-case scenario, and overall
 20 the response to swine flu did not fully test the plans
 21 in place.

22 So there were some quite serious issues arising out
 23 of Exercise Taliesin on the areas which I've identified.

24 To what extent were those areas still the focus of
 25 concern at the time of Exercise Cygnus held in Wales for

29

1 INQ000107136.

2 This is the recommendation document that came, as
 3 I've suggested, from that first part of Exercise Cygnus;
 4 when the United Kingdom adjourned or delayed its own
 5 Exercise Cygnus, Wales went ahead with its part of
 6 Cygnus in 2014. We can see that the first paragraph
 7 refers to the fact that a Tier 1 UK exercise was meant
 8 to be held in October 2014 with three phases. There
 9 were initially 11 scheduled -- local resilience fora
 10 scheduled to participate in England, but they didn't,
 11 of course, because that was put off, while Wales had all
 12 four of its local resilience forums agreeing to take
 13 part.

14 If we could scroll back out, please.

15 Strategic objectives were identified and then
 16 "Exercise Play", the workshop, is identified, and then
 17 right at the bottom of the page we can see that the main
 18 cross-government element scheduled for the week
 19 commencing 13 November was postponed.

20 Could we then go to page 2, please.

21 "Exercise Outcomes", a number of issues were raised
 22 dealing with excess deaths, so that was still an issue
 23 by the time of Exercise Cygnus, as you've just rightly
 24 acknowledged.

25 "Communication -- information demands and situation

31

1 Wales alone in 2014, four years later? So were all
 2 these issues addressed or did they continue to pose
 3 concern by the time of Cygnus?

4 A. Yeah, whilst actions had taken place on those areas,
 5 looking at the list -- I haven't got the whole list in
 6 front of me at this stage, but there were still concerns
 7 expressed about clarity of school closure proposals, as
 8 I've already indicated that is something that would also
 9 go back to some of the founding principles of the 2011
 10 pandemic flu strategy. The social care responsiveness
 11 and capacity in there, albeit that there would have been
 12 actions aside from emergency planning that we would have
 13 undertaken to have an understanding of capacity in
 14 social care. It's not line managed like the NHS, so
 15 it's a different flow of information. And on the excess
 16 deaths, whilst I know that there was work that took
 17 place at that time, it still seemed that with
 18 Exercise Cygnus we still needed to provide clarity, and
 19 a lot of that was around the changing assumptions or the
 20 challenge to some of the assumptions about potential
 21 deaths as well. So I think that was always a point of
 22 modelling that seemed to be asking for more assurance in
 23 the system as well, and that was repeated for
 24 Exercise Cygnus.

25 Q. If we look at the Cygnus recommendations, they are in

30

1 reporting needs to be centralised to reduce duplication
 2 ... There needs to be consistency of messaging across
 3 the board ..."

4 Does that mean communication in the sense of media
 5 and dealing with the public, or communication between
 6 the moving parts in the civil contingencies structure?

7 A. Your latter point, the moving parts of the structures.

8 Q. That's an important issue, is it not?

9 A. It's an important issue.

10 Q. If they don't communicate, then the system isn't likely
 11 to perform very well in terms of responding to whatever
 12 emergencies present themselves?

13 A. Indeed that's true, and whilst different arrangements
 14 require different data flows, yeah, the importance of
 15 having enough data but also making sure that there is
 16 enough time to be acting on the back of that evidence
 17 and data as well.

18 Q. Regulation we needn't be overly concerned with.

19 "Resources -- There needs to be a national stockpile
 20 of resources made available."

21 School closures, still an issue. Demands for data
 22 collection, still an issue. National pandemic flu
 23 service, one SCG, strategic co-ordinating group,
 24 expressed concern.

25 Then over the page, the recommendations -- sorry, at

32

1 the top of the page:

2 "Vulnerable People -- Concerns were expressed over
3 the capacity and readiness of privately owned care homes
4 to have robust contingency plans."

5 Then recommendations were made.

6 So is this the position, Dr Goodall: a number of
7 features which had come out of the earlier exercise had
8 still not been addressed by the time of Exercise Cygnus,
9 and some of them were of considerable importance and
10 went to the centrality of the civil contingencies health
11 response as a whole? These were significant matters.

12 A. Yes, some of those would have continued, and I would say
13 that there were activities taking place to understand
14 and address those areas, but they continued to feature.
15 You know, I know, for example, that we were able to take
16 assurance back from local resilience fora on their views
17 of being able to manage excess deaths on modelling
18 numbers, which took place back in, I think, 2018. But
19 I still don't feel that the work was fully completed
20 even by that point on the back of the Cygnus
21 recommendations.

22 Certainly on care home understanding of capacity,
23 having clarity on the local government responsibilities
24 and their local business continuity plans for homes was
25 important, and to seek that assurance, but at the

33

1 been fairly limited, hadn't it, and therefore it was
2 obviously desirable that the Welsh Government took part
3 in the adjourned exercise in 2016?

4 A. Yes, I agree.

5 Q. The recommendations from that, insofar as Wales was
6 concerned, were contained in a document, a Wales debrief
7 report, at INQ000128979.

8 October 2016. Exercise Cygnus had taken place
9 earlier in October 2016, so this is obviously the
10 debrief report.

11 If we could go, please, just scroll through the
12 first -- well, let's have a look at the first page.

13 We can see there that the references to the nature
14 of Exercise Cygnus:

15 "... a Tier 1 UK pandemic flu exercise with full
16 ministerial participation. In Wales, the Exercise began
17 on the 14th ... continued on [the] 18th ..."

18 It involved, again, multi-agency groups from all
19 four local resilience forums.

20 There was a -- the main exercise was on the
21 19th and 20th, with the CMO leading COBR officials at
22 a meeting, leading officials at a COBR meeting, and the
23 Cabinet Secretary for Health, Well-being and Sport, that
24 would be Mr Vaughan Gething, and the Minister for Social
25 Services and Public Health participating.

35

1 national level -- and this for me was beyond just the
2 emergency planning response, we did need to have more
3 understanding of simple issues like the numbers of beds
4 available across Wales. So in my Director General role
5 we did commission an exercise to understand that
6 capacity, just to try and have a similar understanding
7 to the way in which we would use some of our NHS data as
8 well, but it was still not to full resolution, I agree.

9 Q. The issue of the capacity of the adult care sector to
10 cope with the demands of a pandemic was perhaps the most
11 significant failing identified at the time of
12 Exercise Cygnus in 2014, was it not?

13 A. Yes, I would agree that that was still an area of
14 concern.

15 Q. It was the most significant area of concern because it
16 directly went to matters of life and death in the care
17 home sector; would you agree?

18 A. Indeed, and it was a serious issue for local authorities
19 and their discharge of their responsibilities, and it
20 was important to keep that focus up. As I said, it's
21 why we wanted to have a broader understanding of those
22 numbers.

23 Q. In 2016 the delayed United Kingdom exercise took place,
24 and it was an exercise which Wales participated in
25 because the original Exercise Cygnus in 2014 had only

34

1 There is then a reference to the NHS workshop on
2 the 14th, and how the local resilience forum pandemic
3 planning checklist and various injects were considered
4 for the purposes of the exercise.

5 If we could go forward to the next page, there is
6 a reference to countermeasures awareness workshop. Then
7 if you would bear with me one moment, Dr Goodall.

8 (Pause)

9 We'll go straight to the recommendations page.
10 While we wait for that to come up, is it right that the
11 overall position was that there were -- there we are,
12 thank you very much indeed, very sharp attention by our
13 brilliant technician.

14 Page 4:

15 "Recommendations

16 "... 1 -- All organisations were asked to review
17 their pandemic plans ...

18 "Recommendation 2 -- All organisations to ensure
19 there is sufficient awareness ... of what is ... within
20 the Welsh National Stockpile.

21 "Recommendation 3 -- All organisations to review
22 their local delivery points and antiviral collection
23 points ..."

24 If we could just scroll further forward one page, we
25 will see if there were any more recommendations, and

36

1 there weren't.

2 So insofar as Wales was concerned, only a small
3 number of the recommendations from the overarching
4 exercise were relevant?

5 A. There were more recommendations than that, I think, if
6 you scroll --

7 Q. Ah, is that because the recommendations were split up --

8 A. In sections.

9 Q. By reference to particular parts of the exercise.

10 A. Particular parts.

11 Q. All right, yes, there we are, page 7. We have
12 recommendations 4 and 5.

13 I believe there were 12 in all?

14 A. There were 12 within the Welsh context. There were 22
15 obviously when the overall Exercise Cygnus
16 recommendations came through, and I would say that they
17 also remained relevant to us, of course.

18 Q. Of the 12 recommendations of the overall 22
19 recommendations, the 12 that were relevant to Wales, how
20 many of those recommendations concerned issues which had
21 still not been addressed from the earlier Taliesin
22 exercise and the earlier Cygnus exercise?

23 A. Because of our particular use of this exercise, we
24 hadn't quite gone into all of those arrangements in that
25 way, but certainly the broader Exercise Cygnus

37

1 the Wales pandemic flu task and finish group about which
2 you debated the merits of -- with my Lady yesterday?
3 Was that the task and finish group that was put into
4 place to try to address such concerns as were coming
5 out -- finally out of Exercise Cygnus in 2016?

6 A. Yes, they were the practical arrangements. And
7 of course we reached out to the pandemic flu UK
8 arrangements as well and were observing in part of those
9 arrangements and participating.

10 Q. That task and finish group, as you said yesterday,
11 wasn't able to finish its work, because, although it
12 identified the tasks, it never finished them?

13 A. Also, as I said yesterday, we ended up moving our
14 resilience activity and focus on to other matters.

15 On the Exercise Cygnus arrangements, 15 of the
16 actions were completed, seven of them were still not
17 marked as complete and under consideration. I can
18 describe how on some of those measures I think that they
19 actually had more significant activity. As an example,
20 there was a draft communication strategy that had been
21 worked on and was available, but it hadn't been issued.
22 We had worked through a draft extreme surge guidance
23 plan, but at that point it wasn't issued, it was only in
24 draft and under consideration, so there were a number of
25 areas that we hadn't finalised or completed, as I said

39

1 recommendations and the 22, they would have continued to
2 show some consistent concerns that even if plans or
3 activities were taking place they still hadn't come to
4 the best outcome that would give resilience in those
5 arrangements as well. So we took the Wales
6 recommendations and drew them into the Exercise Cygnus
7 recommendations just for ease of access.

8 Q. The reality was, wasn't it, that the concerns about the
9 adult social care sector had not gone away two years
10 later, the communication issue had not gone away, but,
11 in addition, by the time of the Exercise Cygnus report
12 in 2016 there was then additional concerns being
13 expressed about countermeasures, the stockpiling; is
14 that correct?

15 A. There was a wish to understand the level of provision
16 that had been made to have assurance on those
17 countermeasure arrangements, but, as part of the Welsh
18 response at the time, we had particularly wanted to test
19 and exercise that, so it didn't mean that we didn't have
20 stocks or countermeasures in place, it was just making
21 sure that they were going to be appropriate for the
22 modelling data that was emerging through Exercise Cygnus
23 as well. So that was an intention for us to try and
24 focus particularly on those countermeasures.

25 Q. Was it at that point that the Welsh Government set up
38

1 yesterday.

2 Q. It may be thought, Dr Goodall, that in the event of
3 a disease outbreak in a pandemic, two of the most vital
4 concerns would be the ability to surge your provision of
5 health services, and a second would be your ability to
6 be able to provide adequate care and resource to
7 vulnerable people, particularly those in the
8 care sector, in order to be able to deal with the
9 terrible consequences of a pandemic.

10 It was those two areas, the surge planning and the
11 guidance and the arrangements for the protection of the
12 adult social care sector, that were not addressed by the
13 task and finish group after 2016, even though those were
14 areas which had been flagged up as long ago before as
15 Exercise Taliesin; correct?

16 A. Whilst the extreme surge guidance hadn't been issued, it
17 was available as a draft, and ultimately we were able to
18 use that when we were responding very quickly to the
19 coronavirus pandemic. But as I indicated, it wasn't
20 issued.

21 In respect of the care home resilience arrangements,
22 it was really important to maintain a focus on those
23 arrangements, absolutely, and to make sure we were able
24 to take assurance from the sectors and the systems
25 reporting in to us.

40

- 1 Q. In addition to this incomplete task and finish process,
 2 did the Welsh Government, following something called the
 3 Pollock review a few years before, which had been
 4 a review specifically commissioned to address why it was
 5 that lessons weren't being learnt from reviews and
 6 inquiries, set up something called the Joint
 7 Organisational Learning strategy, a body called the
 8 Wales Learning and Development Group, and then
 9 ultimately the Wales Pandemic Flu Preparedness Group, to
 10 also look into why learning was not being properly put
 11 into place following exercises?
- 12 A. It did do that, and it also led to the arrangements put
 13 in place first of all with training, which had been
 14 instigated back in 2008, but also the pattern of the
 15 annual conferences, both generally for civil
 16 contingencies and also for the health sector, that
 17 allowed us to be able to draw in those mechanisms with
 18 the organisations and the first responder arrangements
 19 as well. So they also allowed us to have
 20 an understanding of the focus of those activities over
 21 that time as well.
- 22 Q. But that additional -- and I'm sorry, I've described it
 23 repeatedly as labyrinthine -- process itself wasn't able
 24 to ensure that all the recommendations and the learning
 25 from the various exercises were put into place, was it?

41

- 1 Q. It was never updated, was it?
- 2 A. It wasn't, no, I do agree with that, although it had
 3 been worked on with colleagues and experts within that
 4 particular system, but I agree that it hadn't been
 5 updated by that point, but there was critical care surge
 6 guidance.
- 7 Q. The consideration that it was thought necessary to give
 8 to reviewing and amending the pandemic influenza
 9 framework for local authorities and social services
 10 providers was never complete?
- 11 A. It wasn't completed, but we did, through our resilience
 12 arrangements, take assurance from local resilience fora
 13 on their preparedness and also from local authorities as
 14 first responders on their arrangements. So there was
 15 an assurance link through to whether those organisations
 16 felt that their plans were sufficiently resilient or
 17 robust.
- 18 Q. There was no national resilience structure, assurance
 19 structure, put into place in the way that there is in
 20 England and in respect of local resilience forums in
 21 England, there was no national resilience standard
 22 process put into place, a national resilience assurance
 23 process by which local resilience forums could be
 24 checked put into place either, was there?
- 25 A. There was a self-assessment process for them within the

43

- 1 A. No. As I said yesterday, there were actions that were
 2 incomplete.
- 3 Q. In particular, as a result of resourcing problems, we
 4 looked at this through Sir Frank Atherton, the strategic
 5 decision taken to await work from Whitehall before
 6 getting on with doing work in Wales on the pandemic flu
 7 preparedness group workstreams, and also because of the
 8 diversion of attention away from civil contingencies
 9 planning towards the necessary preparations for
 10 a no-deal EU exit, those workstreams were never
 11 completed?
- 12 A. Yes, you're right, and we obviously talked about
 13 Operation Yellowhammer yesterday, and the way in which
 14 it needed to take resources within the organisation,
 15 although that did give us some insight into sector
 16 resilience plans more generally as part of that process.
- 17 Q. Standing back, in relation to the areas of concern
 18 expressed after Cygnus, one of the key issues during
 19 Cygnus was, as I've suggested to you, healthcare demand,
 20 the surge in demand for critical care, that work was
 21 still being finalised in 2018, but it never reached
 22 fruition, did it?
- 23 A. It was still in draft at that time. There had actually
 24 been guidance issued on critical care surge earlier,
 25 I think back in 2012.

42

- 1 responsibilities the Welsh Government had before 2018,
 2 before it had the legal duties. It didn't have the
 3 performance and assurance role, but from 2018 it would
 4 have allowed us to start discharging those assurance
 5 roles, and there was a sector resilience assurance
 6 exercise that was undertaken in 2018, and it was in the
 7 context of pandemic flu.
- 8 Q. Was there any non-self-assessment, any external
 9 assurance process for checking the validity, the worth,
 10 the merit of the plans that were being put into place to
 11 deal with a pandemic influenza?
- 12 A. It was generally a self-assessment process for LRFs and
 13 also for individual organisations. We had used some
 14 peer review examples where Welsh local resilience fora
 15 would look at each other's progress and make
 16 assessments.
- 17 Q. There was in 2018 an understanding that following the
 18 Transfer of Functions Order there needed to be a review
 19 generally of the civil contingencies structure in Wales;
 20 is that correct?
- 21 A. Yes, I agree. We needed to understand how we were going
 22 to properly and fully discharge those responsibilities.
- 23 Q. What happened to that general review of civil
 24 contingencies following the Transfer of Functions Order?
- 25 A. Whilst we had done the sector resilience oversight and

44

1 we had expanded the team with the new responsibilities
 2 coming over, our attention and activity had simply moved
 3 across to Operation Yellowhammer and the EU exit
 4 arrangements, and that meant that the resilience team
 5 was embedded in that work as well as a very large part
 6 of the organisation as well. So the discharging of
 7 those responsibilities as we intended was put on pause,
 8 even though we were using and deploying the civil
 9 contingency mechanisms for EU exit.

10 Q. The inability to carry out that review, of course,
 11 an inability which existed prior to Wales being struck
 12 by the pandemic, has been described by one of your own
 13 ministers as "extremely disappointing". You've seen the
 14 reference in Mr Kilpatrick's statement.

15 Even after the pandemic struck, when the review of
 16 civil contingencies in Wales took place in 2023 -- it
 17 did earlier this year, did it not --

18 A. It did.

19 Q. -- did it then become apparent that there were still
 20 flaws in the civil contingencies system, in particular
 21 in relation to leadership capacity, effective and
 22 continuous training and exercising, a system for the
 23 systematic capture of lessons from exercises, the need
 24 for an establishment of minimum standards for
 25 competency, skills, qualifications, training and

45

1 I have three questions, Dr Goodall, and I have
 2 ten minutes, so I'll be keeping an eye on the time.

3 Yesterday Sir Frank Atherton, when he was giving his
 4 evidence, was referred to a document which had been
 5 produced for the Health Protection Advisory Group.

6 For the reference that is INQ000177362.

7 I won't take you to that document, but I'd just like
 8 to read, first of all, what he said in evidence.

9 He was taken to the document and it was introduced
 10 to him as a paper prepared for the committee, that's the
 11 Health Protection Advisory Group, in July 2019,
 12 six months before the pandemic struck, and the document
 13 contained within it this statement:

14 "The current microbiology/infection services in
 15 Wales are fragile and are struggling to deliver on
 16 a day to day basis the prevention, early diagnosis and
 17 frontline support that professionals and the public
 18 require."

19 He was asked whether that was not a major concern,
 20 and he agreed it was a major concern.

21 I'd like to ask you about a document that you've
 22 referred to in your witness statement that you've
 23 exhibited, and if it could be brought up on the screen,
 24 please. The number is INQ000177552.

25 You've referred to it in your third witness

47

1 development?
 2 A. Yes, indeed. They remain the themes in those areas and
 3 that work is under way to make sure that they are
 4 resolved. There is a system that captures the lessons
 5 learned now, which is held on an all-Wales level by
 6 Public Health Wales, and that is a new introduction
 7 since 2017, but we do need to make sure that we embed
 8 those arrangements and deal with the actions as well as
 9 the culture and behaviour around those issues as well.

10 Q. So, Dr Goodall, would you agree that, given that many of
 11 those issues had been raised consistently, continuously
 12 from 2012 onwards, that is an egregious example of
 13 locking the stable door after the horse has bolted?

14 A. We've had to learn many lessons and adapt and, you know,
 15 we need to ensure that we keep addressing the issues,
 16 from our planning and also from our recent experiences
 17 as well.

18 MR KEITH: I've no further questions.

19 My Lady, you've given permission for three areas of
 20 questioning to be advanced by Covid-19 Bereaved Families
 21 for Justice Cymru.

22 LADY HALLETT: Thank you.

23 Questions from MS HARRIS

24 MS HARRIS: Good morning. I'm Bethan Harris. I appear on
 25 behalf of Covid-19 Bereaved Families for Justice.

46

1 statement at paragraph 128.

2 Hopefully that can be brought up on the screen.

3 Thank you. I think it's there.

4 This is a ministerial advice. You see it,
 5 Dr Goodall?

6 A. Yes, I can, thank you.

7 Q. Thank you. It's addressed to the Minister for Health
 8 and Social Services. It's dated 2 September 2019:

9 "Subject: Strengthening and improving the National
 10 Health Protection Service in Wales."

11 Box 1:

12 "What is the issue you are asking the Ministers to
 13 consider?

14 "This advice summarises the current health
 15 protection challenges faced in Wales and sets out the
 16 investment needed to meet this challenge and to
 17 strengthen and improve our National Health Protection
 18 Service."

19 Then it goes on to refer to the actions which are
 20 being recommended, which are to increase the revenue
 21 that's necessary, and indeed we heard Sir Frank Atherton
 22 refer to the request for additional revenue in this area
 23 when he gave his evidence yesterday.

24 I'd like to refer you to what is stated with regards
 25 to the context, which is on the next page, if we could

48

1 kindly go to that on the screen, please, headed
 2 "Advice":
 3 "4. Context -- What is the situation that has led
 4 to this advice?"
 5 First of all, the "recent terrorism incident in
 6 Salisbury" is referred to, uncertainties caused by EU
 7 exit, growing threat posed by antimicrobial resistance,
 8 increased threat of high-consequence infectious disease,
 9 such as Ebola, and then goes on to refer to:
 10 "International and domestic events demonstrated
 11 fragilities in all the respective national health
 12 protection services operating within the UK, which the
 13 responsible authorities in all four nations are seeking
 14 to address."
 15 Then it goes on to say:
 16 "Response to these threats relies on the same
 17 physical and human infrastructure which is currently
 18 under pressure to deliver basic health protection
 19 services. Health professionals in Wales are not
 20 confident that they could at all times provide
 21 an effective response to high consequence infections or
 22 other chemical and biological threats.
 23 "The National Health Protection Service in Wales is
 24 fragile; and the service today is confronted by a number
 25 of challenges. These include ..."

49

1 Then, first of all, it refers to UK-wide shortages
 2 of trained staff and then:
 3 "-- laboratory estates on many sites which are no
 4 longer fit for purpose ..."
 5 The next bullet point:
 6 "-- the need for increased ward-based clinical
 7 services and services in the community to support both
 8 infection prevention and antimicrobial stewardship."
 9 It then goes on to say:
 10 "Although microbiology is a shortage speciality
 11 UK wide, recruitment to Wales is particularly
 12 challenging when the laboratory estate on many sites is
 13 not fit for purpose, and a lack of investment in new
 14 technologies and redeployment of scientists means
 15 microbiologists are unable to spend time on the
 16 frontline supporting professionals ..."
 17 I'm going to skip the next paragraph. Then finally
 18 that:
 19 "Health protection professionals in Wales consider
 20 that, adequately resourced, there is much more they
 21 could contribute in the prevention, diagnosis and
 22 management of infection and in guiding prudent use of
 23 antibiotics."
 24 So that, as I say, is a document that you've
 25 exhibited, and what I'd like to ask you about is, first

50

1 of all, do you agree that the document that I initially
 2 referred to, the one that Sir Frank Atherton was
 3 referred to yesterday, and this particular document, in
 4 September 2019, they imply that there was a very real
 5 need to improve on infection prevention and control
 6 services in Wales at that time in 2019?
 7 A. Yes, I remember not just the document but the discussion
 8 at the time. It was a very honest assessment that had
 9 come through that group, also on the advice and
 10 expertise of Public Health Wales, and it was really
 11 important that we were responding to those concerns
 12 about fragility, and the decision was made to support
 13 that. In fact the previous year we had actually made
 14 some additional financial investment in Public Health
 15 Wales in this arena as well.
 16 Q. Do you agree that, in terms of pandemic preparedness and
 17 being prepared for the Tier 1 risk that everyone across
 18 the UK, including in Wales, was aware of, that there
 19 would need to be capacity to meet a significant increase
 20 in need for infection prevention and control services?
 21 A. Yes, indeed. I mean, the NHS faces day-to-day pressures
 22 whilst it's discharging many activities and supporting
 23 its communities. The day-to-day pressures of the
 24 service, you know, would need to have some resilience
 25 built in to be able to deal with those extra

51

1 responsibilities as well. So yes, the existing service
 2 was under pressure, which was why we were addressing it,
 3 but we were also trying to build in some resilience into
 4 the system with the investment as well.
 5 Q. Going to what I think you are saying, and I'll ask you
 6 to confirm, were the two or two of the main pandemic
 7 preparedness planning documents -- I'm going to ask you
 8 whether they actually reflect the importance of
 9 infection control and prevention.
 10 First of all, if you can perhaps confirm that the
 11 Wales Framework for Managing Major Infectious Disease
 12 Emergencies, October 2014, was one of the main
 13 preparedness guidance documents that was current in
 14 Wales from 2014 onwards, right up to when the pandemic
 15 hit?
 16 A. Yes, it would have covered responsibilities and maybe
 17 not gone into all of the detail. Certainly the outbreak
 18 plan for Wales would have really dealt with some of the
 19 very specific issues in terms of discharging that on
 20 a local level.
 21 Q. Yes, thank you. So that's one of the documents. It's
 22 right, isn't it, that that document, the Wales Framework
 23 for Managing Major Infectious Disease Emergencies, you
 24 may be familiar with its content without me needing to
 25 take you specifically to the document, but I'd like to

52

1 refer you to a passage in it, and it was indeed
 2 a passage that was highlighted yesterday, again in
 3 Sir Frank Atherton's evidence. Paragraph 11.1:
 4 "All hospitals need to establish ways of caring for
 5 large numbers of infectious patients on a scale outside
 6 their normal experience, including those requiring high
 7 dependency care."

8 So just to confirm, that document clearly recognised
 9 the importance of infection control in the context of
 10 being prepared for a pandemic?

11 A. Yes, I agree.

12 Q. Indeed.

13 The other document is the Wales Health and
 14 Social Care Influenza Pandemic Preparedness and Response
 15 Guidance, again another one of the major preparedness
 16 guidance documents, 2014, that remained in force
 17 throughout up until the pandemic hit; yes?

18 A. Yes, indeed, yeah.

19 Q. Thank you.

20 A. We'd hoped to review it in 2018, but it was the document
 21 in 2014 that was an important response document for us,
 22 yes.

23 Q. That one referred to the meticulous use of infection
 24 control procedures being part of preparedness and part
 25 of what would be needed in the event of a pandemic?

53

1 proposals and plans and they would have been able to
 2 make some local decisions on that infrastructure as
 3 well.

4 Q. Right. So you're saying things were done, but do you
 5 accept it wasn't enough?

6 A. When we were receiving that national protection
 7 proposal, that was showing that we needed to invest more
 8 and have more flexibility and capacity, yes.

9 Q. Thank you.

10 I'm going to just deal with a second question very
 11 briefly, because I know that I'm running out of the time
 12 that's allocated. Thank you for those answers.

13 I'd like to ask you a question on PPE, and perhaps
 14 putting to one side matters of what the arrangements
 15 were with regards to how much PPE was stockpiled and
 16 what was the extent of the actual availability of PPE
 17 that was planned and put in place.

18 The distribution system for accessing PPE and
 19 distributing it, was the resilience of that system in
 20 Wales adequately tested in advance of the pandemic?

21 A. The PPE stockpiles, where we were making sure that we
 22 had about 15 weeks' worth of supply available, were well
 23 tested. When we were in the coronavirus response, we
 24 really had to utilise the excellence of the national
 25 procurement service arrangements to change the

55

1 A. Yes.

2 Q. That's familiar to you. Thank you.

3 So what I want to ask you is: do you accept that,
 4 when we look at what we had in September 2019, in the
 5 document I referred you to, which you've exhibited, and
 6 we look at those documents in 2014 and what they flag up
 7 in terms of needs, in terms of infection prevention and
 8 control, that there just wasn't a robust enough process
 9 of following up on what the Welsh Government's own
 10 guidance said, that there wasn't a critical review as to
 11 whether things were actually put in place that had been
 12 stated in the documents?

13 A. We would have worked with individual health boards in
 14 Wales who would have used their funding for a variety of
 15 areas. Public Health Wales, of course, would have made
 16 its assessment, and when it came forward with its
 17 national plan we were very happy to support it.

18 I mean, certainly, and I speak from personal
 19 experience as a local health board chief executive, we
 20 had tried to ensure that new hospital builds were
 21 supporting an infection control outlook, including
 22 single room arrangements, for example, but that was not
 23 available to all of the estates, and they were certainly
 24 possible with new build arrangements in Wales, but we
 25 would have worked with individual organisations on their

54

1 distribution model quite quickly.

2 But to your question, I don't think that they were
 3 rigorously tested. They may well have featured as part
 4 of the procurement service's own resilience proposals.
 5 But certainly we adapted very quickly to ensure we could
 6 distribute the PPE at least out to the regional centres
 7 before they needed to go through to the frontline staff
 8 and services.

9 Q. Just finally, obviously this module is not looking at
 10 what actually transpired and how things played out on
 11 the ground in any detail, but do you acknowledge that
 12 there were problems with distribution?

13 A. We ended up having to change our distribution model,
 14 rather than to 11 centres to literally get to hundreds
 15 of sites in matters of days, so it was a very different
 16 response that was required at the time.

17 Q. Right. In retrospect, would it be right to say that
 18 there hadn't been sufficient scrutiny of the resilience
 19 of that distribution system in advance of the pandemic?

20 A. We were assured on the existing arrangements, but at the
 21 scale, the severity and the duration of the
 22 arrangements, we would have needed to have done more
 23 work based on the experience that we had to the
 24 coronavirus pandemic.

25 **MS HARRIS:** Thank you.

56

1 Thank you, my Lady, those are my questions. Thank
2 you very much.

3 **MR KEITH:** My Lady, I omitted to ask about one particular
4 area which I know has been of concern to my Lady.

5 **LADY HALLETT:** The stenographer has been going for a long
6 time. Is it important to deal with it?

7 **Further questions from LEAD COUNSEL TO THE INQUIRY**

8 **MR KEITH:** Yes, it's about the Chief Scientific Adviser
9 system in Wales, and I wanted to ask two questions in
10 relation to that, if I may.

11 Dr Goodall, it is this: it appears from material
12 that the Chief Scientific Adviser for Health in Wales --
13 a man who is actually, I think, a Mr Rob Orford --
14 because he is concerned with being the Chief Scientific
15 Adviser for Health is not part of the UK Chief
16 Scientific Adviser system; and secondly, do we have it
17 right that, for whatever reason, the Chief Scientific
18 Adviser in Wales and the Chief Scientific Adviser for
19 Health in Wales are not at the centre of the Welsh civil
20 contingency structure, so they don't actually give
21 advice on civil contingencies to the Welsh Government?
22 Have I summarised the position correctly?

23 **A.** Yeah, you've summarised those correctly. There were
24 some changed arrangements put in place during the
25 pandemic itself to access those, but they were --

57

1 certainly Rob, as the CSA Health, was involved in the
2 pandemic response, but they had traditionally not been
3 directly involved in the preparedness.

4 **MR KEITH:** Thank you.

5 **LADY HALLETT:** Thank you very much, and I shall return
6 at 11.40.

7 **(The witness withdrew)**

8 **(11.22 am)**

9 **(A short break)**

10 **(11.40 am)**

11 **LADY HALLETT:** Ms Blackwell.

12 **MS BLACKWELL:** My Lady, may I please call
13 Dr Quentin Sandifer OBE.

14 **DR QUENTIN SANDIFER (sworn).**

15 **Questions from COUNSEL TO THE INQUIRY**

16 **MS BLACKWELL:** Dr Sandifer, thank you very much for the
17 assistance you've so far given to this Inquiry, and also
18 thank you for coming to give evidence today.

19 You have prepared a witness statement which we see
20 at INQ000192266. Your signature appears at page 83.

21 There we are.

22 You signed this statement on 27 February this year.

23 Can you confirm, please, that it's true to the best of
24 your knowledge and belief?

25 **A.** Yes.

58

1 **MS BLACKWELL:** Thank you.

2 My Lady, may we have permission to publish it,
3 please?

4 **LADY HALLETT:** Yes.

5 **MS BLACKWELL:** Thank you.

6 We can take that down, thank you.

7 I'd like to begin by establishing through you,
8 Dr Sandifer, the creation of Public Health Wales. It
9 was formulated in 2009 by the Minister of Health and
10 Social Services, following a review of public health
11 functions undertaken in 2006; is that right?

12 **A.** That's correct.

13 **Q.** Thank you.

14 The functions of Public Health Wales are three-fold:
15 it provides data and science-based leadership,
16 specialising in public health expertise and
17 co-ordination and advice, and is a delivery of key
18 public health services; second, it works closely with
19 public health boards, local authorities and other
20 partners, including education and housing; and, third,
21 it protects and improves the health and well-being and
22 seeks to reduce health inequalities. Is that right?

23 **A.** That's correct.

24 **Q.** Thank you.

25 The structure of Public Health Wales has a senior
59

1 management team that has changed in certain respects
2 since its incorporation in 2009, but the chief executive
3 since 2014 has operated a corporate level business
4 executive team structure, where collective
5 decision-making at a corporate level is a key feature,
6 in addition to each director having clear accountability
7 and responsibility for a specific portfolio; is that
8 right?

9 **A.** That's correct.

10 **Q.** The second key role is that of National Director of
11 Health Protection and Screening Services and Medical
12 Director, a title which was previously known as
13 the Executive Director of Public Health Services,
14 Medical Director.

15 **A.** That's correct, and I held that latter title from
16 October 2012 until December 2020.

17 **Q.** Thank you.

18 In your role at executive level responsibility,
19 which we'll go into in more detail throughout the course
20 of your evidence this morning, is it right that you have
21 now become a consultant adviser for pandemic and
22 international health for Public Health Wales?

23 **A.** Yes, following my retirement in December 2020,
24 I returned in 2021 and undertook that contracted
25 consultancy role on a part-time basis.

60

1 Q. Thank you.

2 I want to turn for a moment to deal with the funding
 3 of Public Health Wales, and to confirm with you, please,
 4 Dr Sandifer, that there are two main sources of funding
 5 for the organisation: funding from the Welsh Government
 6 and other National Health Service Wales organisations
 7 who provide remuneration for the provision of services
 8 delivered by Public Health Wales?

9 A. That's correct.

10 Q. You tell us at paragraph 41 in your witness statement
 11 that:

12 "In exercising its role as functions, Public Health
 13 Wales was not held back in any way by the funding made
 14 available by the Welsh Government."

15 And that, in your view:

16 "There are no examples of insufficient funding
 17 curtailing the ability to fulfil Public Health Wales'
 18 role and functions in a timely manner in relation to the
 19 pandemic."

20 Is that right?

21 A. That's right.

22 Q. Public Health Wales funding increased dramatically from
 23 2009 to 2010, when it was set at £41.5 million, to
 24 £152.9 million by the time we reached 2019 to 2020.

25 What was the cause of that dramatic increase in

61

1 funding, and why was it made?

2 A. Well, the figure that you started with, the £41 million,
 3 reflected a half year position, because the organisation
 4 was established at the beginning of October 2009. The
 5 full year figure, which is reflected in the 2010/2011
 6 accounts, was around £81 million.

7 The principal reason for the expansion in funding
 8 was partly as a result of some transfers of functions
 9 that were discharged in other bodies in Wales,
 10 transferring in to Public Health Wales, with the funding
 11 attached to those, and also in part as a result,
 12 likewise, of some service transfers, for example our
 13 diabetic retinopathy service was transferred in from
 14 a local health board into Public Health Wales and
 15 brought with it a substantial amount of financial
 16 resources.

17 Then there were some other additional investments
 18 made by Welsh Government during the course of the
 19 ten years, including in health protection, but also in
 20 other areas like policy, research, international health
 21 development.

22 Q. Thank you.

23 Can you confirm, for the purposes of the Civil
 24 Contingencies Act of 2004, Public Health Wales is
 25 a Category 1 responder?

62

1 Q. Right.

2 Did you think at the time, in 2014 to 2015, that the
 3 EPRR budget was sufficient?

4 A. I think Public Health Wales discharged its EPRR
 5 functions within the resources available to it, but in
 6 doing so, at that time, it should be said that the EPRR
 7 function was located in our Health Protection Team, and
 8 it is probably true to say that it was subsidised by the
 9 Health Protection service.

10 Q. Well, you tell us at paragraph 196 in your witness
 11 statement that "the health protection services in Public
 12 Health Wales were under-powered". What did you mean by
 13 that?

14 A. So that paragraph refers to our assessment of the
 15 initial phase of the coronavirus response.

16 So, if I could just summarise, perhaps, to help
 17 the Inquiry understand the pattern of investment:
 18 between 2010 and 2019 there had been no budget cuts and
 19 there had been an increase in both the financial
 20 resources and the workforce in the health protection and
 21 microbiology services, which is where most of the EPRR
 22 functions were based and from which they were delivered.

23 Q. Right.

24 Well, just before we leave the issue of finance and
 25 budgets, you also tell us at paragraph 78 that in

64

1 A. Yes, it is.

2 Q. So as well as having health protection and microbiology
 3 responsibilities, it also had an EPRR function, didn't
 4 it?

5 A. It did.

6 Q. In terms of the allocation of budget for emergency
 7 preparedness, resilience and response functions, that
 8 increased from 2014 to 2015 and £387,000 to 2020 to
 9 2022, £884,000. Can you explain why there was such
 10 a dramatic increase in that part of the budget, please.

11 A. Yes. I think it's fair to say it's very difficult to
 12 tease out what exactly were the financial elements
 13 attached to EPRR, because of course EPRR is a function
 14 delivered by the whole of the organisation, and in
 15 particular from our health protection and microbiology
 16 services. But I do recognise those figures, and the
 17 reason why there was such an increase is that following
 18 the Ebola outbreak in Wales in 2014 to 2016, and on the
 19 back of reviews that we undertook both to our emergency
 20 planning and business continuity arrangements, we
 21 introduced some changes in 2017/2018 including,
 22 for example, expansion of our emergency planning support
 23 workforce, the appointment of a lead manager, and all of
 24 those appointments attracted the need for further
 25 investment.

63

1 February 2019 the Welsh Government confirmed additional
 2 funding for the National Health Protection Service and
 3 that there was £1 million capital funding in that year
 4 to directly support the automation of the laboratory
 5 services across Wales and £0.6 million minimum revenue
 6 for the continued development of the Pathogen Genomics
 7 Unit. Is that right?

8 A. That's correct, and that reflected, in fact, a series of
 9 investments that had been made since 2014 in our health
 10 protection and our microbiology services.

11 Q. Dr Tracey Cooper, your successor in post, tells us in
 12 her witness statement that that funding facilitated
 13 enhancements to the microbiology laboratory network and
 14 infrastructure, but that those improvements were still
 15 being made and implemented at the time of the pandemic;
 16 do you agree with that?

17 A. If I could just gently correct, Dr Tracey Cooper's the
 18 chief executive of Public Health Wales and had been so
 19 since June of 2014, and remains still the chief
 20 executive.

21 Q. Thank you.

22 A. But to your point, yes, that is correct.

23 Q. All right. She also told us that that funding was only
 24 a part response to the need raised by Public Health
 25 Wales for the strengthening of the health protection

65

1 system across Wales, so she appears to be saying -- and
 2 please correct me if I'm wrong -- that a plea had been
 3 made for further investment, and the investment in terms
 4 of the laboratory services that was received was only
 5 a part response; do you agree with that?

6 A. It was. We began our discussions with Welsh Government
 7 in the second half of 2017 about what we regarded as the
 8 additional investment required to strengthen our
 9 National Health Protection Service. This also coincided
 10 with what we believed was some necessary investment,
 11 such as you referred to, the capital investment, in
 12 particular technologies, molecular diagnostics and
 13 genomics sequencing in particular. But -- and we were
 14 grateful for the investment that we did receive, but we
 15 had still anticipated and therefore made the case for
 16 further investment, which then came through later
 17 in 2019.

18 Q. Is that partly because in 2017/2018 the organisation
 19 identified to the Welsh Government in particular the
 20 need to strengthen the health protection system and what
 21 Dr Cooper describes as a particularly fragile
 22 microbiology service?

23 A. Yes.

24 Q. All right. Do you agree that at the time and before
 25 that investment was made, the microbiology services were

66

1 particularly fragile?

2 A. Yes, that fragility was created in 2015/2016 with the
 3 retirement of a number of senior microbiologists and
 4 difficulties that we had recruiting to those posts. And
 5 the investment that we referred to, the fragility and
 6 the investment we referred to, was accompanied actually
 7 also by some internal actions we took to strengthen the
 8 model for the delivery of microbiology at the same time.

9 Q. To what extent did Public Health Wales provide advice to
 10 the Welsh Government on its pandemic preparedness?

11 A. So Public Health Wales has throughout its existence
 12 provided specialist advice and direct support systems
 13 leadership to Welsh Government and the wider health,
 14 social care and local government system in Wales in
 15 respect of EPRR, and so, yes, that included specific
 16 advice to Welsh Government on its pandemic planning
 17 arrangements, learning and development, exercising and
 18 training.

19 Q. What level of representation did Public Health Wales
 20 have on scientific advisory bodies such as SAGE and
 21 NERVTAG?

22 A. So Public Health Wales has never been a member -- or at
 23 least, I'll put it the other way around. Representation
 24 from Public Health Wales, there has been no
 25 representation from Public Health Wales on NERVTAG.

67

1 Likewise, we've not had a seat on SAGE pre-pandemic.

2 Q. Right. Do you think that Public Health Wales deserved
 3 a place on NERVTAG and SAGE?

4 A. I do think that it would be beneficial for Public Health
 5 Wales to be on NERVTAG. I recognise that SAGE is
 6 established in specific circumstances --

7 Q. Yes.

8 A. -- and that government representation would be the most
 9 appropriate sitting outside of government. We didn't
 10 presume that that would include us but we would
 11 of course always be happy to support Welsh Government
 12 had we been asked.

13 Q. In terms of responsibility at a local level, Public
 14 Health Wales' duties and responsibilities, and its
 15 obligations indeed under the Civil Contingencies Act,
 16 meant that it worked closely with local resilience fora;
 17 is that right?

18 A. Yes, we had representation on four -- all four local
 19 resilience fora in Wales.

20 Q. Did Public Health Wales also chair the Wales Risk Group?

21 A. We did. One -- the senior manager for our combined --
 22 in 2017/2018, we combined our business continuity and
 23 emergency planning arrangements. Our business -- our
 24 manager for that service did lead that group from
 25 January 2018 till November 2020.

68

- 1 Q. What, if any, discussion was there during the meetings
2 of that group about the National Risk Assessment?
- 3 A. So what that group did is it took the National Risk
4 Assessment and then, with Welsh Government and with
5 representatives from the four local resilience fora,
6 considered how that risk assessment applied within Wales
7 and the steps and actions that should be taken,
8 including the inclusion of the risks in local resilience
9 fora, community risk registers.
- 10 Q. Did that also involve an assessment of any gaps in
11 preparedness that might exist at the local level?
- 12 A. We also, as I've already said, had representation at the
13 local level, and our representation at the local level
14 included liaising with each of the local resilience fora
15 about their assessed risks and advising them
16 accordingly.
- 17 Q. So how did Public Health Wales have the necessary
18 arrangements in place to effectively support and enable
19 the local resilience fora to make their own rapid and
20 effective responses to the pandemic when it struck?
- 21 A. So Public Health Wales' Health Protection Team, together
22 with the microbiology service, used our emergency
23 response plan as the basis for our initial response to
24 the pandemic in 2020, and in doing so we were aware that
25 the local resilience fora in turn were standing up their

69

- 1 strategic co-ordinating groups, as it appropriate, as
2 a response.
- 3 Q. What is the Wales Resilience Forum and how does Public
4 Health Wales contribute to that?
- 5 A. Wales Resilience Forum is a structure within
6 Welsh Government that is chaired by the First Minister
7 and includes representation from all multi-agency
8 partners at a strategic level to consider the risks
9 across the piece, so not confined only to health, and
10 I represented Public Health Wales as a member of that
11 group.
- 12 Q. How does that sit with the Wales Resilience Partnership
13 Team?
- 14 A. The Wales Resilience Partnership Team was a group
15 underneath the Wales resilience fora, in part providing
16 secretariat functions, and in part tasked with the
17 operationalisation of some of the activities that had
18 been discussed at the Wales Resilience Forum.
- 19 Q. Did you also sit on the Wales Resilience Partnership
20 Team?
- 21 A. I didn't, but our emergency planning and business
22 continuity manager did.
- 23 Q. Right, thank you.
24 All right, now having established the body that
25 Public Health Wales became in 2009 and its functions and

70

1 responsibilities, I'd now like to look at some of the
2 plans that were in place over the course of the Module 1
3 time period.

4 First of all, please, can we look at INQ000089558,
5 which is the Public Health Wales Emergency Response
6 Plan.

7 We can see that this version is version 2, created
8 in September of 2018, and if we go to page 2, please, we
9 can see that under the heading "Sponsoring Executive",
10 you appear as the sponsoring executive.

11 What does that mean in terms of this particular
12 document?

13 A. What that means is that, as the executive lead for
14 public health emergency planning in Wales, this document
15 was endorsed by me and commended by myself to our board
16 for consideration.

17 Q. What was the purpose of this document? How was it
18 intended to be used?

19 A. So this document, as it says at the top, provides the
20 specific arrangements for our strategic and tactical
21 response to emergencies, incidents and outbreaks.

22 It's the top level document of a suite of documents
23 also that sit with this. It is an internal document,
24 but it has been written very much in the spirit of the
25 Civil Contingencies Act, was shared with and therefore

71

1 deliberately made known to our local resilience fora
2 partners.

3 Q. So they had access to this?

4 A. They and Welsh Government had access to this document.

5 Q. Thank you.

6 Can we go to page 9, please, and look at
7 paragraph 1.1. Thank you. We can see here under the
8 heading "Introduction" that:

9 "The Public Health Wales Emergency Response Plan
10 details the organisation's response arrangements to any
11 emergency, incident or outbreak that impacts on, or
12 requires the mobilisation of, public health resources
13 and capabilities. The Emergency Response Plan provides
14 a framework to establish, create and improve
15 resilience."

16 Did this document replace an earlier iteration, and
17 if so, when was that first created, please?

18 A. So this document replaced an earlier version which had
19 been approved by our board in November 2016, and indeed
20 it was about the fifth -- I'd have to just remind
21 myself, we had a plan in 2009, 2012, 2014, 2016 and,
22 yes, this would have been the fifth iteration of the
23 plan in 2018.

24 Q. It wasn't updated, was it, until 2022, I think?

25 A. That's simply because events overtook us. At the

72

beginning of 2020, which is -- I mean, we review our plans annually anyway. The plan was still, we considered, relevant at the beginning of the outbreak of the pandemic, but we, during the course of the pandemic, recognised that the plan would need updating and at the earliest appropriate time we did so.

Q. Thank you.

Can we go to page 10, please, and have a look at the roles and responsibilities. We can see that, third row from the bottom -- can we just scroll out, please, here we are:

"Facilitate epidemiological follow-up of affected populations and communities as necessary."

To what extent did Public Health Wales achieve this? What was this intended to represent?

A. So in an incident, an emergency, particularly in an outbreak, what we always sought to do was to assess the impact of that on the populations affected. We did this during the Covid response, a wide range of assessments were undertaken, including epidemiological assessment. But an example would be: had there been a chemical release from a factory with a cloud of gas discharged and floating over a local population, we would follow -- after that event had been resolved, we might well follow up with the affected population to see

73

if there had been any longer term impact.

Q. Do you agree that within this document, the EPRR information largely focuses on command and control measures and doesn't include any specific detail on how to handle a coronavirus outbreak, and it doesn't go into any plan for non-pharmaceutical interventions?

A. So I think I should explain that this plan, which is an all-hazards plan, it's a generic plan, was written in the context of Public Health Wales as a Category 1 responder, being able to demonstrate that it was fulfilling the requirements of the Civil Contingencies Act and the duties and responsibilities, including statutory and non-statutory guidance, and that is how this document has been written.

Q. So is your answer that you wouldn't have expected that level of detail to be involved or incorporated into a document such as this?

A. I would expect that information to be in other documents.

Q. Right. Well, we'll move to look at other documents in a moment. But before we do -- we can take that down, please -- I would like to ask you about the Health Protection Advisory Group. That is a group that had been or indeed has been in existence for many years, hasn't it?

74

A. It has, yes.

Q. And it was -- it involved the CMO, the Chief Medical Officer for Wales, but you tell us in your witness statement that there was a period of abeyance of the group before it was re-established in May of 2018. Why was the group put into abeyance, which required it to be re-established in May of 2018?

A. So the group is a non-statutory advisory group to the Chief Medical Officer, and in 2014 the then Chief Medical Officer retired and the group therefore ceased to meet. The current Chief Medical Officer came into post later in the year, and then, at the beginning of 2018, he decided that he would like to re-establish the group.

Q. What was the involvement of Public Health Wales in that group?

A. Public Health Wales has always been a member of the Health Protection Advisory Group.

Q. To what extent was pandemic preparedness discussed during those group meetings?

A. So, the group looked at the whole breadth of public health threats and hazards, and Public Health Wales advised and supported the group, for example by preparing technical documents and papers for it to consider, and influenza pandemic preparedness had been

75

one of the subjects of discussion in the group.

Q. What was discussed about it?

A. So we had been aware that in 2016, or 2014, as has been discussed already, there had been an exercise in Wales and that there had also been an exercise at the UK level that Wales had participated in, and that had generated recommendations and outputs which needed to be followed through.

Q. So did Public Health Wales become involved with the recommendations that fell out of Exercise Cygnus and the other exercises that ran before that, which we'll turn to look at in a moment?

A. So when Exercise Cygnus took place, Public Health Wales had two representatives observing. When the report was published in July of 2017, we obviously received a copy of that report and, as was shown yesterday, a Wales influenza pandemic preparedness group was convened, meeting first in September that year, and Public Health Wales was represented on that group.

Q. All right. Well, we'll come to look at that in a moment.

Before we do, let's just have a look at a set of meetings from this group, from 17 December of 2019, when the Health Protection Advisory Group met, and we can see from the first page that Public Health Wales were

76

1 represented by Andrew Jones.

2 You sent your apologies for that meeting. We can
3 see that halfway down the page. But no doubt you will
4 have been filled in by -- what took place during the
5 course of the meeting and any recommendations that came
6 out of it?

7 A. Yes, I was on annual leave. Andrew Jones is my deputy.

8 Q. Thank you.

9 Can we go to page 4, please, of these meeting notes,
10 and look at paragraph 5.2. Thank you.

11 We can see that the:

12 "CMO acknowledged [that] there were significant
13 questions around the preparedness of NHS Wales to deal
14 with a similar situation and to be able to manage
15 an infected case at one of our acute hospitals for at
16 least 24hrs. It was agreed that whilst a key work
17 stream of strengthening the National Health Protection
18 Service would look at an all-Wales system for dealing
19 with high consequence infections more urgent action was
20 necessary to provide reassurance."

21 To what does this relate, please?

22 A. So this relates to discussions that were taking place at
23 the time about the development of a high-consequence
24 infectious diseases unit in Wales.

25 Q. Yes.

77

1 If we turn to page 2, please, we can see in the top
2 third of the page that again you are the sponsoring
3 executive, as the executive director of public health
4 services, and medical director.

5 Can you tell us when this group was established and
6 what the purpose was for the group being brought into
7 force?

8 A. So the group was established in August 2018. The story
9 behind it is we had conducted a review of our business
10 continuity arrangements in 2016, and that review had
11 recommended that we should bring together our business
12 continuity and emergency planning arrangements under the
13 leadership of a single executive. They were at that
14 time under different executives within Public Health
15 Wales.

16 It also recommended that we should establish the
17 role of the business continuity -- sorry, the
18 executive -- the emergency planning and business
19 continuity lead, the manager that I have already
20 referred to.

21 Q. Yes.

22 A. So all of that was accepted in 2017, and in 2017 we
23 brought -- started to bring these entities together, and
24 that was finally completed and formalised in the first
25 half of 2018.

79

1 A. At that time, it was necessary for any patient that had
2 a high-consequence infectious disease to be transferred
3 to a designated unit in England.

4 Q. Yes. Right. Well, if we look at the bottom of this
5 paragraph, we can see that action 23 was for the:
6 "CMO to write to health boards, [Public Health
7 Wales] and WAST requesting their plan/pathway for
8 dealing with a high consequence infectious disease
9 (deadline for [which was] March 2020)."

10 Do you know whether or not that was done?

11 A. So in January 2020, as it became clear to us in Public
12 Health Wales the novel coronavirus represented a very
13 serious threat, we as an organisation entered into
14 discussions with Welsh Government and -- with one of our
15 local health boards, to discuss how we could establish
16 very quickly a high-consequence infectious disease unit
17 at that hospital, in advance of and in readiness for
18 potential patients if novel coronavirus came to Wales.

19 Q. We can take that down now, please.

20 I would like to look at the Emergency Planning and
21 Business Continuity Group and look at the terms of
22 reference for this group which are at INQ000089648.

23 Thank you.

24 We can see that's the front page there. These are
25 the terms of reference.

78

1 Q. If we look at the bottom part of this page, we can see
2 that under the heading "Updates and amendments" that
3 there is a blank table. Has this document, these terms
4 of reference, ever been updated or amended?

5 A. I don't know the answer to that question to the current
6 time.

7 Q. All right. Well, if we need to establish the answer for
8 that, then we will formally ask.

9 Is it right that the Emergency Planning and Business
10 Continuity Team was steered by the local resilience
11 forum?

12 A. The Emergency Planning and Business Continuity Team
13 effectively provided the operational leadership for the
14 implementation of the emergency preparedness planning
15 and response arrangements of Public Health Wales, and
16 that necessitated engagement with a wide range of
17 partners, Welsh Government, local government, the health
18 boards, the local resilience fora.

19 Q. Well, let's look at the Emergency Planning and Business
20 Continuity Work Plan, please, 2018 to 2020, which we can
21 see at INQ000183523. Was this document the work plan
22 for the group?

23 A. It was.

24 Q. You sponsored this document as well, didn't you?

25 A. I did.

80

1 Q. Which was approved in July of 2019.

2 Could we look at page 2, please. Thank you.

3 We can see at the top that:

4 "[The] document outlines the Emergency Planning and
5 Business Continuity actions for [the time period]. The
6 actions address the legal requirements on Public Health
7 Wales in its role as a Category 1 responder ..."

8 Can we go to page 9, please.

9 We can see it that this sets out the emergency
10 planning activity under the integrated emergency
11 management system, and if we could just scroll through
12 the next few pages we can see that there are the six
13 phases that we've seen before.

14 Thank you, if we can carry on.

15 Ending with -- next page, please -- response and
16 recovery.

17 There are no references to pandemic or influenza in
18 this document, although there are references to bomb
19 threats and Brexit health and other such matters. Do
20 you agree with that?

21 A. I do agree with that.

22 Q. Why were references to the threats or hazards of
23 pandemic influenza and matters of that nature not
24 contained within this document?

25 A. So the reason why Brexit was included, because it was
81

1 a live issue at the time. Pandemic influenza was not
2 included because we were having -- those were set out in
3 the other documents, that no doubt we will come to, the
4 documents that have already been referred to, and that
5 this therefore took a strategic approach to how we
6 discharged our responsibilities under the Civil
7 Contingencies Act in respect of any incident, outbreak
8 or emergency that might take place. But it didn't
9 explicitly refer to the development of pandemic
10 influenza planning.

11 Q. Were you aware when you sponsored this document that the
12 National Risk Assessment had assessed the hazard of
13 pandemic influenza as being at the first tier, so it
14 created the most serious threat?

15 A. Yes, we did.

16 Q. So do you still say that it wasn't necessary or
17 appropriate for it to be mentioned in this work plan for
18 emergency planning?

19 A. As I say, we recognised that pandemic influenza was at
20 the top of the National Risk Assessment and we were
21 fully engaged throughout the period of Module 1 in
22 direct discussions with Welsh Government and with our
23 local resilience fora to prepare and respond to
24 influenza pandemic.

25 Q. But that's not really an answer to the question. Didn't
82

1 it deserve a mention in this document?

2 A. In hindsight, yes, I can see that it could, but at the
3 time, having just established this group, we didn't
4 include it.

5 Q. Does the fact that it's not included demonstrate that
6 pandemic influenza was not in the forefront of the mind
7 of Public Health Wales and other organisations who were
8 involved in the creation of this document?

9 A. No, I don't agree with that. As I prefaced my previous
10 answer, Public Health Wales has had a full and active
11 involvement in support of and advising Welsh Government
12 and partners in the development of our pandemic
13 influenza plans.

14 Q. Public Health Wales did sit on the Wales Pandemic Flu
15 Preparedness Group, didn't it?

16 A. It did.

17 Q. I'd like to look now, please, at a set of minutes from
18 the meeting of that group in January of 2018.

19 We have them at INQ000187219. Thank you.

20 Now, we can see who was present. David Goulding,
21 who was the Welsh Government health emergency planning
22 adviser, and other members of the Welsh Government, and
23 then we know that Public Health Wales was present,
24 although the name of the person attending has been
25 redacted. So that wasn't you on this occasion?

83

1 A. No, it wasn't, but I do know who it was.

2 Q. All right. Well, perhaps that doesn't matter, and if it
3 does we'll come back to it.

4 Could we have a look, please, at the second
5 paragraph, which is I think on page 2. Thank you. Here
6 we see under the heading "UK Pandemic Flu Review and
7 Work Plan":

8 "DG discussed the PFRB High Level Work Plan,
9 advising that the Review Board had agreed to extend the
10 time period into a second year to address ongoing
11 deliverables. [He] asked if there were any questions
12 regarding the Work Plan, none were asked and added that
13 the next UK Pandemic Flu Readiness Board would meet at
14 the end of February. WP alluded to the difficult
15 timescales for some areas being set centrally.

16 "The meeting discussed the importance of operational
17 delivery, through the UK review some key pandemic
18 influenza strategic policies and guidance are updated
19 notably the UK Pandemic Influenza Framework 2011 and the
20 Cabinet Office Pandemic Influenza Guidance to LRFs."

21 Now, is it right that three of the four LRFs were
22 not in attendance at this meeting?

23 A. You would have to re-show the first page for me to be
24 certain.

25 Q. All right. Can we go back to that, please. At the
84

1 bottom paragraph here we can see:

2 "It was noted with disappointment that three of the
3 four LRF Chairs" --
4 A. Yes.
5 Q. -- "were not in attendance. WP confirmed that the LRF
6 chairs had been invited and that no apologies had been
7 received from them. Reference was made to LRF
8 engagement with being taken forward by the DCLG in
9 England and the need for Welsh Government to also engage
10 with the LRFs in Wales. DG emphasised the importance of
11 having the LRF chairs on the group and asked that this
12 be re-enforced with them."

13 Does this chime with any concern that you had about
14 the engagement of LRFs in this particular group?

15 A. Until I saw these minutes recently, I had not remembered
16 that only one of the four LRFs had been in attendance.
17 My memory of our LRFs is that they were active and full
18 participants in pandemic flu preparedness, and I've
19 noted which health board was in attendance. So I share
20 this disappointment of the chair, and fully agree with
21 his sentiment that they should be reminded of the
22 importance of attending.

23 Q. But was this a common theme?

24 A. No.

25 Q. Was this a problem, that the LRFs were not engaged in
85

1 particularly in the area of critical care. I wasn't
2 familiar with the detail of the progress with the
3 social care surge planning.

4 Q. All right. We can take that down, please.

5 The Wales Health and Social Care Influenza Pandemic
6 Preparedness and Response Guidance we see at
7 INQ000089573.

8 This was issued, as we see, by the Welsh Government
9 Department of Social Services, Health Emergency
10 Preparedness Unit in February of 2014, and this was
11 really the Welsh response to the United Kingdom 2011
12 guidance, wasn't it?

13 A. It was.

14 Q. Yes. You will be familiar with this document,
15 Dr Sandifer?

16 A. Yes.

17 Q. Yes, and you can confirm then, without us having to go
18 into the detail of it, that in general terms it relied
19 upon the planning assumptions that had been established
20 in the UK 2011 document?

21 A. Yes.

22 Q. All right.

23 This guidance deals with stockpiles of a range of
24 consumable products, including eyewear, aprons, gowns
25 and gloves. We don't see that level of detail in the UK
87

1 this particular group?

2 A. No, as I said at the preface to the last answer, my
3 experience was that the LRFs were active participants
4 with us in all areas of emergency planning and response,
5 including pandemic flu.

6 Q. Is your recollection at the time that these meetings
7 were taking place -- and these minutes, I remind us,
8 were at January of 2018 -- that the Wales Pandemic Flu
9 Preparedness Group was an effective group?

10 A. The ... so I was aware that there were a range of
11 workstreams which had made limited progress, as has been
12 discussed already.

13 Q. All right. Well, I'd like to look, please, again at
14 page 2 and at paragraph 3, and the first paragraph
15 there:

16 "WP advised that it was the perception at a UK level
17 that Wales and other devolved governments are lagging
18 slightly behind England in some areas such as
19 legislation and health and social care surge planning
20 due to a lack of resource."

21 Were you aware of that at this time?

22 A. I was, and I recognise those issues.

23 Q. All right. What was done about it?

24 A. So, as I understand it, Welsh Government were
25 undertaking work on healthcare surge planning,

86

1 document. Did Public Health Wales have any involvement
2 in providing the additional guidance in relation to
3 those particular areas of stockpile?

4 A. So the Welsh Government led on countermeasures
5 stockpiling, including PPE. Our infection prevention
6 control lead did occasionally provide advice to
7 Welsh Government if any specific questions were raised,
8 but we had no other direct involvement.

9 Q. Could we go to page 13 of this document, please.
10 Thank you.

11 Now, we can see here the co-ordination arrangements
12 for major infectious disease emergencies in Wales. If
13 we familiarise ourselves with this, we've got the
14 National Security Council at the top, SAGE to the right.
15 Then, going from left to right on the second level, the
16 Department of Health organisations and the devolved
17 administration health departments. In the middle we've
18 got the Wales Civil Contingencies Committee and the
19 DH&SS Health Response Team, and to the right the
20 strategic co-ordination groups.

21 Then on the third tier, left to right, we have the
22 health boards, the NHS trusts and there, in the
23 right-hand corner at the bottom, Public Health Wales.

24 Now, is that co-ordination arrangement familiar to
25 you?

88

(22) Pages 85 - 88

- 1 A. It is.
- 2 Q. There would appear from this chart to be no direct
3 contact or line of contact between Public Health Wales
4 and, for instance, the SAGE group that we see at the top
5 right-hand corner. Do you think there should have been?
- 6 A. So, as I said earlier, no, there was no direct
7 connection between us and SAGE. We expected that
8 Welsh Government would be invited to join SAGE at both
9 ministerial and official level, and if it was thought
10 appropriate by Welsh Government for Public Health Wales
11 representation in support of their minister or
12 officials, then we would have been pleased to provide
13 that.
- 14 Q. All right.
- 15 Could we go to page 31, please.
- 16 Now, in relation to community care, we can see that
17 the guidance here is that:
- 18 "As demand for hospital care increases, patients
19 discharged home may require a greater level of care than
20 they would do normally. Social and community care
21 services may face particular challenges that
22 include ..."
- 23 There are a series of bullet points there.
24 Just moving down below the bullet points:
25 "Care of individuals in the community therefore

89

- 1 where we would have locked down a whole society or,
2 indeed, a whole country in the way that we did in
3 March 2020. Of course self-isolation of individuals or
4 perhaps a family unit, or quarantine of a small defined
5 population, are established principles in public health
6 infectious disease control. But lockdowns took us into
7 completely unchartered territory.
- 8 Q. But there's nothing in this document about any social
9 distancing measures of any severity, from mixing with
10 people within your community and that being restricted
11 to the other end of the spectrum, which is lockdown; is
12 that a mistake?
- 13 A. I would expect our health boards, working through their
14 local resilience fora, to be familiar with the basic
15 tenets of social distancing as a regular or a normal
16 practice in reducing community transmission. So at
17 the -- if you like, that end of the spectrum, I'm not
18 sure that that needed formal guidance. But of course
19 lockdowns I don't think were anticipated in the way that
20 they were implemented, and that is the reason why they
21 don't appear.
- 22 Q. All right.
- 23 Well, before we turn away from plans and guidance,
24 I'd just like to look at two more documents, please.
- 25 The first is at INQ000089572, and this is the

91

- 1 presents a diverse and complex challenge at a time when
2 staffing capacities are likely to be reduced. Close
3 working relationships across health and social care
4 organisations, the independent sector and voluntary
5 groups will be essential to sustaining services during
6 a pandemic."
- 7 Do you agree, Dr Sandifer, that this plan should
8 have included more guidance around when someone should
9 be discharged from hospital and what should happen on
10 discharge back into the community, for example guidance
11 on sending tested or untested patients to care homes or
12 back into the community?
- 13 A. Obviously that became an important issue during the
14 coronavirus pandemic, and I can see that that could have
15 been helpful to the health boards, and incidentally it
16 was the health boards and the local government
17 overseeing social care services that would have been the
18 principal beneficiaries of that guidance.
- 19 Q. All right.
- 20 Do you agree that there is also a failure or a gap
21 in this guidance to include advice in terms of when
22 lockdowns or social distancing measures of any
23 description could or should have been implemented?
- 24 A. Well, on lockdowns, I think it's fair to say from my own
25 professional experience I hadn't envisaged circumstances

90

- 1 Welsh Government's Wales Framework for Managing Major
2 Infectious Disease Emergencies.
- 3 I know that the Inquiry has already looked at this
4 document. It's dated October of 2014. We can see at
5 the bottom left-hand corner it's issued by the Health
6 Resilience Branch of Welsh Government.
- 7 I would just like to look at paragraph 1.1 on
8 page 5, please, and 1.2 as well, if we could zoom in,
9 please, on those two paragraphs.
- 10 We know that:
- 11 "This Framework sets out generic arrangements for
12 the management of major infectious disease emergencies
13 by health services in Wales and should be considered in
14 the context of the principles set out in ..."
- 15 Then there's four more pieces of documentation and
16 guidance: the NHS Wales Emergency Planning Guidance, the
17 Cabinet Office statutory guidance *Emergency
Preparedness*, and the non-statutory guidance *Emergency
Response and Recovery*, and the Pan-Wales Response Plan.
- 18 "The Framework is supported by the following
19 guidance ..."
- 20 We've then got five more pieces of guidance:
21 "The Communicable Disease Outbreak Plan for
22 Wales ..."
- 23 "The UK National Framework for responding to

92

1 an influenza pandemic ..."
 2 Which we've already mentioned.
 3 "Guidelines for Smallpox Response ...
 4 "Wales Health and Social Care Influenza Pandemic
 5 Preparedness & Response Guidance ..."
 6 Which we've just looked at.
 7 And:
 8 "NHS Wales Guidance Mass Casualties Incidents --
 9 A Framework for Planning."
 10 This was a complicated business, wasn't it?
 11 A. It was.
 12 Q. Did you, in your role at the time, find it unhelpful
 13 that there were so many different pieces of guidance and
 14 planning documentation that would need to be assessed
 15 and considered in the outbreak of a pandemic?
 16 A. I was very conscious that you had to have a good
 17 understanding of the range of organisations and guidance
 18 to be able to navigate your way through this.
 19 Q. Right. Far better, do you agree, Dr Sandifer, to have
 20 a slimmed down, simplified set of guidance and plans for
 21 everybody to be able to understand and follow?
 22 A. There's absolutely no doubt that the principle of
 23 consolidating and simplification is a good idea, would
 24 have been helpful, but I think it's just worth
 25 recognising the context of a couple of these plans.

93

1 The Communicable Disease Outbreak Plan for Wales,
 2 which we haven't discussed yet, that was really a plan
 3 for responding to local outbreaks, whilst this framework
 4 was for responding to infectious disease threats that
 5 might affect the whole of Wales.
 6 So I think it's important to recognise that there
 7 was some need for distinguishing between a plan to deal
 8 with something at a local level, between something at
 9 a national level, but the general premise of
 10 simplification would have been helpful.
 11 Q. All right, thank you.
 12 Well, let's look, please, finally, at the
 13 Communicable Disease Outbreak Plan for Wales, which is
 14 at INQ000089575. Thank you.
 15 Can we go to page 2, please.
 16 Now, we can see under the preface, written in April
 17 of 2014:
 18 "In recent years, there have been multiple plans in
 19 Wales for the investigation and control of communicable
 20 disease. All these have contained very similar
 21 guidance. Whilst it has been recognised that each
 22 individual plan was robust and fit for purpose, the
 23 presence of several plans for use in outbreaks has
 24 caused confusion as to which plan should be followed.
 25 Therefore, at the request of the Welsh Government,

94

1 a multi-agency working group was convened in 2008 to
 2 draw the plans together into one generic template."
 3 So just pausing there, this is a reaction in April
 4 of 2014 to multiple plans for the investigation and
 5 control of communicable diseases, so this was an effort
 6 undertaken in 2008, to simplify things, but, as we've
 7 just seen, in fact, although this one response deals
 8 with this particular area, when you look more widely
 9 there were still multiple pieces of guidance and
 10 planning documentation that was still in existence?
 11 A. That's correct.
 12 Q. Can we move down, please, to look at the full page.
 13 Thank you. If we can go over to -- oh, in fact, before
 14 we do that, can we just highlight what we can see in
 15 bold in the middle of the page, please. Because when we
 16 look at what was used to create this plan, we can see
 17 that it's an amalgamation of a major outbreak of food
 18 poisoning plan, an emergency framework for
 19 health-related incidents and outbreaks in Wales and
 20 Hertfordshire from contaminated drinking water, and
 21 then, finally, the model plan for the management of
 22 communicable disease outbreaks in Wales.
 23 So, so far as this Inquiry is concerned, that is the
 24 model plan upon which this document was able to draw?
 25 A. Yeah, if I could just clarify something about the

95

1 development of this plan. We had a series of plans --
 2 highlighted in bold here -- in the early noughties,
 3 which we recognised caused confusion, as the first
 4 paragraph states. The work began in 2008. The first
 5 version of the Wales Communicable Disease Outbreak Plan
 6 was actually published in 2011, and then we kept it
 7 under review and this plan reflected an updating of the
 8 2011 communicable disease outbreak plan in April 2014.
 9 Q. All right. Well, I want to look further back, please,
 10 because the Management of Communicable Disease Outbreaks
 11 plan upon which this was based, taking into account what
 12 you've just said about there being an interim plan in
 13 2011, was first written in 1995; is that right?
 14 A. As I understand it, yes.
 15 Q. And not updated until this plan was brought into force,
 16 although we can see that there was a draft update
 17 in 2007.
 18 A. So there was a draft update in 2007, and then that plan,
 19 together with the other two plans, consolidated into the
 20 2011 plan that I've just referred to.
 21 Q. Yes.
 22 Why was the Management of Communicable Disease
 23 Outbreaks plan not updated between 1995 and 2011?
 24 A. I don't know the answer to that. It pre-dated my time
 25 in office.

96

1 Q. Do you think that by 2011 the 1995 plan was massively
2 out of date?
3 A. Well, the 1995 plan had been updated, but it was in
4 a draft form --
5 Q. Well, according to -- I'm so sorry, Dr Sandifer, but
6 according to this note, although a draft update was in
7 force in 2007, from what you've told us, that wasn't
8 formalised until 2011.
9 A. That's right.
10 Q. All right.
11 A. But I would anticipate that our communicable disease
12 specialists would have been working to the most updated
13 plan, even if it was still in draft format.
14 Q. But why wasn't it updated between 1995 and the draft
15 update of 2007?
16 A. I don't know the answer to that question.
17 Q. Does that concern you?
18 A. It is a very long time, and I would have expected our
19 plans to have been reviewed and updated in a period of
20 12 years, at least once or twice.
21 Q. Yes. So does it concern you that it wasn't, according
22 to this note?
23 A. If I -- yes, I mean, it's a concern that 12 years
24 elapsed between updating of a plan.
25 Q. Again, I have to ask: does the fact that the

97

1 Cabinet Office Guidance ... states that there are
2 broadly 3 categories that need to be considered ..."
3 Then we have those with mobility problems, those
4 with mental health or learning difficulties, and
5 dependents such as children.
6 So it rather looks as if Public Health Wales were
7 taking their lead as to who would qualify to be
8 described as vulnerable from the Cabinet Office guidance
9 at chapter 5 of the emergency planning -- Revision to
10 Emergency Preparedness document?
11 A. Yes, I would accept that.
12 Q. Do you think that that was an extensive enough
13 description of who should be categorised and considered
14 as vulnerable?
15 A. Well, in hindsight and reflecting from today, no,
16 I don't.
17 Q. Because it doesn't contain any mention of the elderly or
18 those with comorbidities or those suffering from health
19 inequalities, does it?
20 A. No, it doesn't explicitly refer to those, but the way
21 I would expect this section of the plan to be
22 implemented is that the -- in the circumstances of
23 an emergency, a risk assessment would be undertaken.
24 The populations most at risk in the course of that
25 incident would be identified, and the responders would

99

1 communicable diseases outbreaks plan was in abeyance,
2 I'm going to suggest, demonstrate that this was not
3 a subject at the forefront of those who should have been
4 thinking and planning about it?
5 A. I don't think that's a fair characterisation of the
6 people who were responsible for discharging communicable
7 disease control during that period. It is a fact, and
8 I'm not disputing that, for a period of 12 years it
9 would appear that this plan was not updated, and I don't
10 have information to explain that.
11 Q. All right. Well, I'd like to go back, please, just for
12 a moment to the emergency response plan that we've
13 looked at briefly, the Public Health Wales Emergency
14 Response Plan, which is at INQ000089558, because I'd
15 just like to for a moment concentrate on what level of
16 consideration was given by Public Health Wales in this
17 emergency response plan to vulnerable people.
18 We can see that consideration at page 25:
19 "Public Health Wales is required to give special
20 consideration to those who are made vulnerable as
21 a result of the emergency or who are less able to help
22 themselves in the circumstances of an emergency."
23 And we see at 14.5:
24 "Those who are vulnerable will vary depending on the
25 nature of the emergency. For planning purposes the

98

1 pay due attention to those. But -- and that could be
2 a very, very long list, but this does reflect what the
3 chapter 5 says in the guidance.
4 Q. Has that narrow definition now been expanded?
5 A. So Public Health Wales recognises that it needs to take
6 a more, to quote Alexander and Mann, "people-centred
7 approach" to its emergency response planning, and the
8 current guidance plan that was recently published takes
9 us some way toward that but acknowledges that there is
10 still further work to be done to address that issue.
11 Q. Is that plan that you've just mentioned, the updated
12 plan, an update of this?
13 A. It is.
14 Q. What's the date of it, please?
15 A. May of 2023.
16 Q. So the current position is that, as you've just told us,
17 Dr Sandifer, the definition has been broadened but on
18 reflection now it needs to be broadened even further?
19 A. So it has been broadened and in very particular way to
20 take account of inequalities, recognising the particular
21 impact inequalities had during the coronavirus pandemic.
22 But it's my view that that plan represents a stage in
23 a process that still needs further development, and
24 I understand that my successor has had conversations
25 with his strategic partners to signal the need for us to

100

1 continue that work.

2 Q. Do you know when that will be completed?

3 A. I don't know when that work will be completed. The plan
4 has just been approved and I would envisage that Public
5 Health Wales will attend to that now.

6 Q. Are you able to help us with the detail of how that
7 current definition still requires to be extended?

8 A. Well, this definition is still within the guidance.
9 These groups are still relevant categories --

10 Q. Yes.

11 A. -- in any future plan. I would envisage that the plan
12 as it develops might move away from the expression of
13 "vulnerable persons", although that is generally
14 recognised within the EPRR community, and set out more
15 broadly the wider range of vulnerabilities in the
16 population that the plan should consider.

17 Q. So I'm going to press you on this. What isn't contained
18 in the current 2023 guidance that needs to be contained
19 within it?

20 A. Well, the guidance does refer to inequalities, but
21 I think it could go further and expand on what that
22 means in terms of different population groups, minority
23 ethnic groups, for example, who were particularly
24 vulnerable during the coronavirus pandemic.

25 Q. For whatever reason that level of detail has not yet
101

1 at the bottom.

2 If we look now, please, at page 2, in the
3 introduction, and it's the top paragraph, it says here:
4 "Since 2006 NHS Wales Shared Services Partnership --
5 Specialist Estates Services ... have surveyed and
6 produced an annual report on all airborne isolation
7 rooms in major hospitals across Wales. Every year the
8 reports have concluded that many of these airborne
9 isolation rooms are inadequate for the purpose intended
10 when assessed against current best practice."

11 Then the rest of that introduction just outlines why
12 there needs to be a working group to look at this.

13 If we then look, please, at page 3, next, these are
14 the recommendations and this is an indicative list of
15 the organisms requiring airborne isolation facilities.
16 Subparagraph (f): "SARS like infections and MERS CoV".

17 If we have a little look down at the bottom of the
18 page there are some recommendations. Recommendation 2:

19 "Every hospital in Wales with a 24-hour Emergency
20 Unit must have at least one Negative Pressure Suite
21 located within that Emergency Unit."

22 Then the recommendation below:

23 "Every Health Board in Wales must have at least one
24 Negative Pressure Suite able to accommodate a case
25 requiring respiratory isolation ..."

103

1 found its way into the 2023 guidance?

2 A. That, I think, is simply a reflection of the scale of
3 work that Public Health Wales is still engaged in, in
4 the transition of Covid-19 into an endemic and the
5 recovery work associated with that.

6 MS BLACKWELL: All right. Thank you very much.

7 Those are all my questions for Dr Sandifer.
8 I understand, my Lady, that you've provisionally
9 provided permission for Bereaved Families for Justice
10 Cymru to have five minutes of questions on particular
11 topics.

12 LADY HALLETT: I have, thank you.

13 Questions from MS SHEPHERD

14 MS SHEPHERD: Thank you, my Lady.

15 Dr Sandifer, I ask questions on behalf of Covid-19
16 Bereaved Families for Justice Cymru.

17 I want to look at an exhibit in your witness
18 statement. If we could have up on the screen, please,
19 INQ000089594.

20 So this is the report to inform policy on airborne
21 isolation rooms in major acute hospitals, and it's the
22 Report of the Airborne Isolation Rooms Review Working
23 Group on behalf of Welsh Government.

24 If we have a look at the date, it's 18 October 2017,
25 and we can see the purpose and summary of the document

102

1 If we have a look now, please, at page 13 of this
2 document --

3 LADY HALLETT: Ms Shepherd, just before you go on, can you
4 alert me to which is the question I have given
5 permission for you to ask.

6 MS SHEPHERD: Yes, my Lady, you gave me permission to ask
7 why there hadn't been an update to the airborne
8 isolation facilities in accordance with this document.

9 LADY HALLETT: Sorry, I must have lost it. Anyway, okay.

10 MS SHEPHERD: If we have a look at page 13, the very bottom
11 bullet point of this page, it says:

12 "Current building structures do not support safe
13 management of patients with infectious diseases, pose
14 significant threats to the capacity of the hospitals
15 following admission even of suspected cases, pose
16 a threat to the well-being of healthcare staff ..."

17 So that was the case as at 2017. Ms Blackwell KC
18 put to you earlier some meeting minutes from 2019 when
19 the CMO, Sir Frank Atherton, had raised the issue with
20 ability to deal with HCID infection. Was that still the
21 case as of January 2020?

22 A. Yes, I expect it was. I certainly raised it as
23 a concern, an ongoing concern, in July of 2019 with the
24 Chief Medical Officer. I fully recognise this report
25 and I fully agree with the content of this report.

104

1 I should state here for clarity: the responsibility
 2 for ensuring that there are safe isolation facilities on
 3 the healthcare estate rests with the health boards in
 4 Wales.

5 Q. Could we have a look, finally, please, in this document,
 6 at page 14, in the very top bullet point:

7 "None of the Health Boards are designed to deal with
 8 such threats and there is no hospital in Wales currently
 9 that has a facility to manage emerging infectious
 10 threats at an optimal level."

11 So since 2006 this has been raised, it was raised in
 12 this document in 2017, and it was raised again by the
 13 CMO Frank Atherton in 2019, we get to January 2020 and
 14 still nothing has been done to address this; do you
 15 agree?

16 A. I agree that this was a significant area that, yes, had
 17 not yet been adequately dealt with over a very long
 18 period of time.

19 Q. Does that reflect that there was a lack of urgency in
 20 Wales to address this issue and lessons were not
 21 learned?

22 A. I can't speculate on the precise reasons for that.
 23 As I say, Public Health Wales has flagged this as
 24 an issue over the years, but the issue clearly was not
 25 fully addressed by the time Covid-19 came along.

105

1 (12.58 pm)

2 (The short adjournment)

3 (1.45 pm)

4 LADY HALLETT: Ms Blackwell.

5 MS BLACKWELL: Good afternoon, my Lady. May I please call
 6 Vaughan Gething.

7 MR VAUGHAN GETHING (affirmed)

8 Questions from COUNSEL TO THE INQUIRY

9 MS BLACKWELL: Thank you, Mr Gething, and thank you for the
 10 assistance that you've so far provided to the Inquiry.
 11 Thank you for coming to give evidence today.

12 Your witness statement is at INQ000187304. If we go
 13 to page 20, please, we can see that it was signed on
 14 19 April of this year, and can you confirm, please, that
 15 it's true to the best of your knowledge and belief?

16 A. Indeed, yes.

17 Q. Thank you very much. We can take that down.

18 Now, dealing with your professional background, so
 19 far as it's relevant to this Inquiry, in 2003 you were
 20 president of the Wales TUC Cymru, you were also
 21 a partner at the law firm Thompsons LLP. In May of 2011
 22 you became a member of the Senedd for Cardiff South and
 23 Penarth. In June of 2013 you were appointed as Deputy
 24 Minister for Tackling Poverty, and in September 2014 as
 25 Deputy Minister for Health.

107

1 Q. Does that reflect a lack of urgency to deal with
 2 infection control generally in hospitals?

3 A. Again, our health boards, who have responsibility for
 4 the hospitals in Wales, also have a responsibility for
 5 healthcare-associated infections and antimicrobial
 6 resistance, and again that was a journey that they were
 7 still on. Public Health Wales had worked with them over
 8 the years to address the performance and generally
 9 progress had been made, some had made better progress,
 10 but we were not yet where I would have liked by the time
 11 we reached the end of 2019.

12 MS SHEPHERD: Thank you, my Lady.

13 LADY HALLETT: Thank you, Ms Shepherd, I did find the
 14 question in the end. Thank you.

15 Ms Blackwell.

16 MS BLACKWELL: Thank you, that concludes Dr Sandifer's
 17 evidence.

18 THE WITNESS: Thank you.

19 (The witness withdrew)

20 LADY HALLETT: I think the suggestion is I should take
 21 a shortened lunch break because we've got quite a heavy
 22 afternoon.

23 MS BLACKWELL: Yes, my Lady, would you consider perhaps
 24 sitting again at quarter to? Thank you very much.

25 LADY HALLETT: Very well, quarter to. Thank you.

106

1 By May of 2016 you had become Cabinet Secretary for
 2 Health, Well-being and Sport, and you maintained that
 3 position when the name of that portfolio was changed
 4 in 2018 to Minister for Health and Social Services, and
 5 from May of 2021 you have been Minister for the Economy;
 6 is that right?

7 A. That's correct.

8 Q. Thank you.

9 So you held roles within the Ministry of Health in
 10 one way or another since September of 2014, but before
 11 October of 2016 is it right that you had not been
 12 presented with the fact that a pandemic was
 13 a significant health risk to Wales?

14 A. Well, I understood that if a pandemic happened it would
 15 be -- it wasn't, as it were, brought to my direct
 16 attention that it was something that I needed to be
 17 particularly prepared for. I had other priorities, not
 18 this.

19 Q. So when did you become aware that a pandemic was
 20 a priority for Wales?

21 A. In the run-up to Exercise Cygnus with the briefing,
 22 I can't remember which officially it was, but described
 23 the fact that there was a request for an exercise and
 24 for my attendance and participation, which obviously
 25 I undertook.

108

1 Q. When you became Deputy Minister for Health, did you
 2 understand at that stage that pandemic influenza in
 3 particular was a Tier 1 risk for the United Kingdom?
 4 A. No, it wasn't the focus of my role as Deputy Minister
 5 for Health.
 6 Q. Well, did you understand that it was a Tier 1 risk? It
 7 might not have been a focus, but did you know at that
 8 time --
 9 A. No, no, because pandemic preparedness would have rested
 10 with the Cabinet Minister for Health at the time. My
 11 role was very much on NHS performance and the link with
 12 social care in as far as it affected delayed transfers
 13 of care.
 14 Q. So until you became Minister, Cabinet Minister, you had
 15 no knowledge that pandemic influenza was a Tier 1
 16 hazard?
 17 A. No, not in the way it's described now, no.
 18 Q. Becoming Minister in May of 2016, did it take
 19 five months for you to become aware of the pandemic
 20 threat?
 21 A. So when I became the Minister, the Cabinet Minister,
 22 I received a briefing which did mention pandemic
 23 preparedness but there wasn't an in-depth briefing, and
 24 it was in the -- as I say, in the run-up to
 25 Operation Cygnus, the Cygnus exercise, that I was much

109

1 better informed about the preparation for a pandemic
 2 and, indeed, the potential scale of it, and its
 3 relationship in the UK-wide risk register.
 4 Q. So before the briefing in October of 2016, what did you
 5 know? At the time that you became Cabinet Minister, did
 6 you understand that pandemic influenza was
 7 a Tier 1 risk?
 8 A. Not in those exact terms, I think that would be wrong.
 9 I knew that we had pandemic preparedness, and I'd seen
 10 it and read my initial briefing, obviously, but not in
 11 the way it's now described in the Tier 1 risk register.
 12 It would be wrong for me to try to tell you that
 13 I understood that it was in the Tier 1 risk register.
 14 That was definitely in the run-up to and the briefing
 15 for Cygnus.
 16 Q. So what did you know of it in May 2016, what did you
 17 know of pandemic influenza?
 18 A. I knew that it was a potential risk. I'd obviously
 19 lived in Wales and so was aware that swine flu had been
 20 something that the government had had to deal with, so
 21 it was a much -- much more general than the specific
 22 awareness of it being a Tier 1 risk in the UK-wide risk
 23 register.
 24 Q. As newly appointed Cabinet Secretary for Health,
 25 Well-being and Sport, didn't you think that it was your

110

1 business to understand what was the most pressing health
 2 risk to Wales?
 3 A. In the briefing that I had, it described the fact there
 4 was work ongoing about pandemic preparedness, it
 5 described the fact that this was something the
 6 department was responsible for at the time of my
 7 appointment. In terms of the most pressing risk, the
 8 risk register I think describes if these things come to
 9 pass these are the biggest risks that can happen. My
 10 job, in terms of being the Health Secretary for all the
 11 risks I had in front of me, were the very standard
 12 things in a politically contested environment.
 13 Q. Can we take it that if you didn't appreciate it was
 14 a Tier 1 risk, you didn't read the National Risk
 15 Register or the assessment?
 16 A. No, I did not read the National Risk Register.
 17 Q. Nor did you read any of the guidance and documents that
 18 we've been through during the course of this Inquiry so
 19 far? I'm going to describe it as a myriad of guidance
 20 and plans that were in force at the time dealing with
 21 civil emergencies in general and pandemic influenza in
 22 particular.
 23 A. No. I'm aware you have gone through a range of plans
 24 with previous witnesses and I did not read those on my
 25 entry into the post.

111

1 Q. When did you read them?
 2 A. I've read some of them for the first time in preparing
 3 for this Inquiry, because as a minister, for some of
 4 those documents, they're not actually read -- for the
 5 minister to read, it's about how the system, the overall
 6 system is prepared. I did obviously receive briefings
 7 on our pandemic preparedness from Cygnus onwards at
 8 various points in time, and they're included in the
 9 documents before the Inquiry.
 10 Q. All right.
 11 **LADY HALLETT:** Just pausing there, sorry, Mr Gething, like
 12 me you speak very quickly and we have a struggling
 13 stenographer.
 14 A. Okay.
 15 **LADY HALLETT:** So I have to train myself to try to slow
 16 down.
 17 A. I will try to speak slightly slower.
 18 **MS BLACKWELL:** Thank you.
 19 The Inquiry has heard much about the United Kingdom
 20 influenza preparedness strategy of 2011, and you will
 21 now be familiar with that document, Mr Gething.
 22 A. Yes, I see it.
 23 Q. Yes. It doesn't feature at all in your witness
 24 statement. When did you first read it?
 25 A. I read it in advance -- I read it and looked over it in

112

1 advance of preparing for this Inquiry.

2 Q. So whilst you were in post as Cabinet Office Minister
3 for Health and Social Services, you hadn't read the
4 United Kingdom Influenza Pandemic Preparedness Strategy?

5 A. No, I'd received briefings on the strategy in advance of
6 Cygnus and indeed briefings on our own strategies in
7 Wales to try to implement those.

8 Q. Were you aware during your time in office that the
9 Welsh Government had implemented the strategy into their
10 own planning?

11 A. Yeah, that was my understanding, yes.

12 Q. All right. Does that mean that you were aware, then, of
13 the Wales Framework for Managing Major Infectious
14 Disease Emergencies?

15 A. I was aware of it insofar as I was briefed on it, but,
16 as I say, that document isn't written for ministers to
17 run through and to read through. And I think it's part
18 of the point where you sit as a minister within the
19 system and the choices you're required to make. If
20 I chose -- if I read all of those documents and others
21 within my brief, then I wouldn't get to do anything
22 else. It's a choice about how ministers' time is used.

23 Q. There is no mention of that document in your witness
24 statement. Can we take it from that that, although you
25 might have been aware of it, you didn't read it whilst

113

1 you were in office?

2 A. That's correct.

3 Q. Were you aware of the planning assumptions that form the
4 basis of both of those documents, the UK-wide and the
5 Wales document?

6 A. Yeah, and that forms part of the briefing that went into
7 Operation Cygnus and so it set out the point about the
8 risk register, it set out the planning assumptions on
9 an influenza pandemic being the most likely of the
10 pandemics that could come. So those planning
11 assumptions were part of that, and obviously they were
12 part of how Cygnus was run as an exercise.

13 Q. Did you ever question whether those planning assumptions
14 were tolerable or whether they might be mitigated?

15 A. I didn't question the assumption that an influenza
16 pandemic was the most likely of the pandemic risks, and
17 in terms of what was tolerable I think that comes into
18 some of the things we went through in the Cygnus and
19 some of the follow-on work, and then obviously we had to
20 deal with those as very live issues during the Covid
21 pandemic.

22 Q. When you were in office, were you aware of the Wales
23 Health and Social Care Influenza Pandemic Preparedness
24 and Response Guidance of 2014?

25 A. I wouldn't say I was aware of the detail of it. Again,

114

1 I read that document, and looked over it more fully in
2 preparation for this Inquiry, but I received briefings
3 on the document and on the requirements in it around
4 Cygnus and afterwards, and you'll see it's mentioned in
5 a number of the documents that then come to me in the
6 briefings I received from officials.

7 Q. So did you read that document whilst you were in office?

8 A. No, I didn't read it in detail, because, as I say, I'd
9 received a briefing on what's generally required in the
10 documents and how that then would affect the choices you
11 might have to make as a minister.

12 Q. Were you aware as part of your briefing to that document
13 that paragraph 1.3 says that it will not be possible to
14 stop the spread of the pandemic influenza virus in the
15 country of origin or in the UK as it will spread too
16 rapidly and too widely?

17 A. I'm aware that's the planning assumption and, as I say,
18 in the run-up to Cygnus the assumption of that exercise
19 was that flu was already here and the challenge of
20 dealing with an influenza pandemic, again the
21 assumptions were it would already be here in numbers and
22 it would be spreading. So that challenge was there.
23 But I don't want to -- in terms of the specific
24 paragraph and had I read that before, that's not
25 correct, but I was aware of the assumption, as you put

115

1 it earlier, in planning terms.

2 Q. Do you agree with the evidence that the Inquiry has
3 heard from other witnesses that that was a flawed
4 doctrine, that really there should have been
5 consideration given to preventing the spread rather than
6 accepting that influenza would spread and that
7 mitigation of how to deal with the fallout from that was
8 all that the plan related to?

9 A. Yes, I've heard the witness evidence from a number of
10 people that it was a flaw to assume that it would be
11 an influenza-type pandemic and it would already be here.
12 There are, of course, questions you will come in to,
13 I'm sure, about how far you could either prevent or
14 contain something like that.

15 Q. If you didn't read these documents themselves and only
16 relied upon the briefings you were given, would you have
17 been aware of the absence in them of any guidance about
18 the scaling up of contact tracing, or moving patients or
19 quarantining or indeed lockdown?

20 A. Well, there's a number of points there. So the guidance
21 on a scaling up activity or moving patients, that was
22 part of what we went through in Cygnus, so I did have
23 an understanding that if you had a pandemic of that
24 scale, then you would need to make uncomfortable choices
25 that would require moving people around the system.

116

- 1 Q. Yes.
- 2 A. And that would probably require stopping some things to
3 allow more capacity to be created.
4 So there was a final part to your question as well?
- 5 Q. Yes, contact tracing, moving patients around,
6 quarantining and lockdown.
- 7 A. Yes. So on quarantining, I have heard the evidence of
8 Dr Sandifer this morning and I did understand, because
9 of particularly some of the localised outbreaks we had,
10 that quarantining in community or family groups was
11 entirely possible, but not at the scale that was
12 envisaged and there was not a genuine consideration of
13 the scale or the depth of the Covid pandemic, so there
14 wasn't then a consideration presented to me -- and
15 I think this evidence is common to all nations in the --
16 UK, of the scale of the lockdowns that were then
17 considered and implemented during the Covid pandemic.
18 So in terms of preparation there wasn't preparation that
19 considered that scale of lockdown.
- 20 Q. We'll come to deal with Operation Cygnus in a moment,
21 but just on the issue of your level of knowledge, did
22 you as Minister for Health, commission any research,
23 advisory papers or briefings to you as to what the
24 evidence was telling the scientists in terms of this
25 pandemic influenza hazard?

117

- 1 around Cygnus, but I read it in the January, and that
2 was after, obviously, the first indications about Covid
3 in China.
- 4 Q. You tell us at paragraph 37 in your witness statement:
5 "My impression of the Plan, as a layman and someone
6 without any previous experience or knowledge of pandemic
7 preparedness, was that it was considered and reasonable.
8 I do not think I first saw it [as we've established]
9 until January 2020."
- 10 Is it right, Mr Gething, to describe yourself as
11 a layman when you had been the Cabinet Minister for
12 Health since 2016?
- 13 A. I'm describing myself in comparison to, for example, the
14 people you've already heard evidence from. I wasn't the
15 Chief Medical Officer or the Medical Director of Public
16 Health Wales or the people involved in emergency
17 planning, so in that sense it is a lay perspective, but
18 obviously compared to the wider population I've got
19 experience in government of doing a range of things.
- 20 Q. Describing yourself as having no previous experience or
21 knowledge of pandemic preparedness when you had been
22 four years in post might be surprising to some people.
- 23 A. Again, I think if ... I'm trying to be clear about the
24 difference between myself and people involved in the
25 detail of emergency planning. So compared to the

119

- 1 A. No, because I did rely on the briefings that I received,
2 on the advice I received.
- 3 Q. So nothing --
- 4 A. It's hard to second-guess the advice you're being given
5 as a minister, whether you're new or not, and to decide
6 which areas you do want to try to second-guess on it,
7 and I did rely on the advice provided and the provisions
8 within it, and obviously in hindsight there are good
9 reasons to question and to look afresh at what we do.
- 10 Q. But nothing in the briefings that you received, nothing
11 about the detail of the pandemic influenza threat caused
12 you to request any further advisory papers or evidence
13 gathering to take place in order to try to work out what
14 Wales needed to do to mitigate this threat?
- 15 A. No, I had advice from officials who had expertise, and
16 obviously you've heard the way our system is constructed
17 with Public Health Wales and others within it, that
18 advice was provided, and at the time I had no reason to
19 go and to want to go behind it or to question it, so
20 I did rely on the advice I was given.
- 21 Q. You tell us in your witness statement that you first
22 read the Pan-Wales Response Plan in January of 2020?
- 23 A. Yes.
- 24 Q. Yes, did you know of its existence before that date?
- 25 A. I think, again, it was referred to and briefed in and

118

- 1 general population, I certainly had more experience and
2 knowledge, and I'm trying to be clear about that
3 distinction rather than trying to go beyond it.
- 4 Q. What level of contact did you have with the Chief
5 Scientific Adviser for Health, Dr Rob Orford?
- 6 A. I saw Dr Orford on a number of occasions through the
7 year. So in the pattern of that sort of engagement,
8 I would have a regular meeting with the Chief Executive
9 of NHS Wales, I'd have a regular meeting, normally at
10 least monthly, with the Chief Medical Officer, sometimes
11 sooner, and for some officials like Dr Orford I'd
12 probably see them three or four times a year in set
13 meetings. So, for example, some of the points that have
14 been described around investing in our genomics
15 capacity, some of that came from conversations with
16 Dr Orford and Dr Atherton about what we needed to do.
17 So I was -- I knew who Rob was, I'd met him on several
18 occasions before we get into the depths of the Covid
19 pandemic.
- 20 Q. Between you taking office in 2016 and the onset of the
21 pandemic in 2020, were you aware that the Chief
22 Scientific Adviser for Health had no involvement in
23 pandemic preparedness planning?
- 24 A. No, I wasn't aware of that specifically, no.
- 25 Q. Does that surprise you?

120

- 1 A. In retrospect, it is, because he had such a role in
2 giving advice to ministers when we actually had to deal
3 with the scale of the pandemic.
- 4 Q. Were you aware during your time in office of the
5 Welsh Government risk register?
- 6 A. Yes, I knew we had a Welsh Government risk register.
- 7 Q. Did you ever read it?
- 8 A. No.
- 9 Q. Were you aware of the Health and Social Services Group
10 risk register?
- 11 A. Yes, and I would discuss that from time to time as(?) it
12 was raised with me by the Director General at the time,
13 obviously who was Dr Goodall.
- 14 Q. Did you read it?
- 15 A. No, I don't think I did go through and read the risk
16 register.
- 17 Q. You tell us at paragraph 19 in your witness statement:
18 "My impression was that UK Ministers did not take
19 ministers and officials from the devolved governments
20 seriously."
- 21 Is that how you felt all the way through your time
22 as Cabinet Office Minister? Cabinet Minister, sorry.
- 23 A. It changed during the course of the pandemic, is --
- 24 Q. Right.
- 25 A. So actually until that time, yes, that was my clear

121

- 1 impression; and, with respect, I think the evidence of
2 Mr Hunt confirms that.
- 3 Q. Did you raise your dissatisfaction with how the UK
4 ministers treated you as a devolved minister with any of
5 the UK ministers at the time?
- 6 A. Well, that was challenging, because there was a choice
7 about the lack of contact, which I go through in my
8 evidence. Correspondence would either not be answered
9 or take months to answer, as I set out. So it was one
10 of the challenges, was that -- the point about contact
11 was a deliberate choice from the UK side, and my view
12 has always been there is plenty of room for the
13 political disagreement but there also has to be space
14 made for pragmatic engagement because we always need to
15 do business together on a range of things.
- 16 Q. In your view, Mr Gething, did the strained ministerial
17 relations hamper pandemic preparedness in Wales?
- 18 A. Yes, I do think they had an effect, I think they would
19 have been better if we had had some form of ministerial
20 engagement beyond the Cygnus exercise.
- 21 **LADY HALLETT:** To be fair, I don't think Mr Hunt said that
22 he accepted that the UK ministers hadn't deliberately
23 contacted you or avoided you or treated you with
24 disrespect, what he said was there was a difficult
25 political relationship.

122

- 1 A. Again, I think that Mr Hunt's evidence does not disagree
2 with my evidence, he simply does not agree with the
3 positive points that I make that it was a choice. We
4 would request meetings. We wrote on a number of issues.
5 We didn't write every week, it wasn't, "We'll write
6 a letter and see if we get a response", when we wrote on
7 real and serious issues we did not get a response or it
8 took a very long time to get a response, and that isn't
9 an accident. They knew who I was and what I was writing
10 for.
- 11 In no-deal Brexit preparation, I did not meet the
12 Cabinet Minister for Health, whether it was Mr Hancock
13 or Mr Hunt, and again that's a choice. When you then
14 have to deal with each other, as we did, you were
15 starting relationships from anew with someone you'd
16 never met, and I think that is suboptimal.
- 17 **LADY HALLETT:** He did mention that there were good
18 relationships between officials even if the politicians
19 weren't getting on, as perhaps most of us would like to
20 think they would try to get on. In what way do you
21 think things might have been different if the ministers
22 had had the kind of contact one would hope and you were
23 talking about?
- 24 A. When ministers talk and pragmatically agree, it always
25 helps to speed up decision-making, and it can often help

123

- 1 to highlight risks and opportunities. I see that in my
2 current role as well as my previous one. So I do think
3 that if there'd been ministerial engagement even only
4 once after Cygnus it would probably have moved along
5 preparedness for all of us.
- 6 I say in my own statement that I think that there
7 were good relationships between officials, but, as
8 I say, I think it would have been assisted if, despite
9 the fact that we are politically very competitive,
10 especially around the politics of the health service,
11 there should always be room for some pragmatism and you
12 have to do business. You don't have to like the person
13 on the other side of the desk, but you should from time
14 to time meet.
- 15 **MS BLACKWELL:** Thank you, my Lady.
- 16 Was it your experience as a minister, Mr Gething,
17 that the public-facing political concerns set the
18 agenda, and that was to the detriment of
19 forward planning for things like a pandemic influenza?
- 20 A. So the public facing concerns definitely affected the
21 agenda because every day something could happen that you
22 would end up having to deal with as the minister.
23 That's life in ministerial office, especially if you're
24 a health minister.
- 25 At the start of the term, what we're trying to do

124

1 was to deliver a long-term plan for health and
 2 social care, and so I was trying to do that whilst
 3 dealing with the very headline issues as well. So, yes,
 4 it did mean that other issues had less attention.
 5 Antimicrobial resistance, for example, I know it was
 6 mentioned in evidence earlier today, that was an issue
 7 that got occasional attention between not just myself
 8 but in the animal health field, veterinary health field
 9 as well. Pandemic preparedness was never a subject of
 10 questions, never a subject of scrutiny within the
 11 Welsh Parliament, and I suspect that will change and
 12 that will be a change for the better.

13 Q. Does that mean at the time that there was limited -- it
 14 was given a limited priority by the government?

15 A. It didn't have the same priority as those headline
 16 issues that did take up lots of the life and the energy
 17 of the government, and I know you've heard from other
 18 evidence that there was -- preparedness was taking place
 19 but it wasn't -- it didn't have the same intensity that
 20 trying to deliver a long-term plan had or responding to
 21 the latest very public challenges that our whole system,
 22 not just the minister, would have to deal with.

23 Q. Do you think that there needs to be a check on what is
 24 appearing or coming down the line in the long term as
 25 well as the focusing of ministers' attention on the here

125

1 and now?

2 A. That's the difficult balance to strike. So at the end
 3 of 2018 and into 2019 I was dealing with a maternity --
 4 a significant cluster of serious harm in maternity
 5 services in the Cwm Taf health board, so that was an
 6 issue that I wasn't aware of until it was brought to my
 7 attention by officials. I then had a meeting where we
 8 then had to do a number of very difficult things, and
 9 that took time that -- that was entirely appropriate and
 10 it was the right thing for my time to get directed at,
 11 but it meant that other things then needed to move.

12 So there is the challenge of what comes up, where
 13 you do need to shift your priorities, as well as your
 14 point about longer term priorities, and that's
 15 definitely a lesson learning point, not just for people
 16 in the government but more widely as well I think.

17 Q. I want to turn now to discuss with you your knowledge
 18 and involvement in the exercises that the Inquiry has
 19 heard so much about.

20 The Inquiry heard this morning in questions put to
 21 Dr Goodall about an exercise in April of 2009 called
 22 Taliesin. During your time in office, were you aware
 23 that that exercise had taken place?

24 A. It's Exercise Taliesin, Welsh poet.

25 Q. I do beg your pardon.

126

1 A. But no, I wasn't aware, and of course 2009 is before
 2 I was elected.
 3 Q. Yes, I understand that, but the result of that exercise
 4 and one of the recommendations being consideration given
 5 to the social care sector, that wasn't something that
 6 was brought to your attention?
 7 A. Not in pandemic preparedness and planning terms, but the
 8 social care sector was very important to me in terms of
 9 running the whole health and social care system, that's
 10 why we had a long-term plan for health and social care,
 11 but not in the specific context of pandemic preparedness
 12 and planning.

13 Q. The first Exercise Cygnus, in 2014, which was held in
 14 Wales, were you aware of that exercise at the time?
 15 I think you might have been Deputy Minister for Health
 16 at the time that that took place, or indeed shortly
 17 afterwards.

18 A. Yes, so I started in September 2014 as the Deputy Health
 19 Minister, but I wasn't aware of the Wales-only
 20 Exercise Cygnus operation.

21 Q. All right. One of the recommendations that this Inquiry
 22 has heard fell out of that exercise was the concerns
 23 around the capacity and readiness of privately owned
 24 care homes to be able to cope with the likes of
 25 a pandemic and having their own contingency plans in

127

1 place. So that wasn't brought to your attention?

2 A. Not that specific -- in relation to the pandemic. The
 3 broader points, though, about the future of the sector
 4 were much more in my mind. And, as the deputy minister,
 5 delayed transfers of care is definitely an area where
 6 you can't resolve that without health and social care
 7 working together, but that's not the same as looking at
 8 it through the lens of pandemic preparedness.

9 Q. Whilst you were in the role of Deputy Minister for
 10 Health, were you aware of Exercise Dromedary that took
 11 place in 2015?

12 A. No.

13 Q. That was a Public Health Wales multi-agency exercise
 14 dealing with the outbreak of one case of MERS CoV
 15 coronavirus, in which surge capacity wasn't tested but
 16 was mentioned. That's not something that was on your
 17 radar as Deputy Health Minister?

18 A. No, and essentially my role as a Deputy Health Minister
 19 was virtually everything that had a target on it, that
 20 had a number, was then my responsibility, including all
 21 of the media that went with it. So it wasn't actually
 22 part of the role that I had as the Deputy Health
 23 Minister.

24 Q. You don't mention Exercise Alice in your witness
 25 statement, which we know was delivered in February of

128

1 2016 by the Department of Health. Was that something
 2 that was within your knowledge when you became Cabinet
 3 Minister?
 4 A. No. So when I became the Cabinet Minister in 2015, and
 5 then in 2016 I am now aware that Exercise Alice has
 6 taken place, but I think it was a Public Health England
 7 led exercise, so I wasn't aware of it, no.
 8 Q. Yes. In your briefing for Exercise Cygnus later on in
 9 2016, were these previous exercises, and in particular
 10 I'm going to highlight the issues that they raised with
 11 social care, not brought to your attention?
 12 A. Not in the sense of pandemic preparedness. So around
 13 the exercise and the briefing and the conversation that
 14 takes place, then actually social care is part of the
 15 system-wide challenge that you're trying to understand
 16 and run an exercise for.
 17 Q. Did you have any direct involvement in Exercise Cygnus
 18 in October 2016?
 19 A. Yes, I attended ministerial meetings on both days as
 20 requested. My deputy at the time also attended some of
 21 those exercises as requested. So on both of the days
 22 when ministerial attendance was requested we both
 23 attended and participated.
 24 Q. It was a huge exercise, wasn't it?
 25 A. It was, it involved a range of people. I remember

129

1 because there are a number of notes that come after it
 2 and there is then the briefing I receive from officials,
 3 so let's be clear about which report.
 4 Q. Well, I'll put it on screen.
 5 A. Thank you.
 6 Q. It's INQ000022792, please.
 7 So this is the report following the three-day
 8 exercise in October of 2016.
 9 Can we go to page 6 and paragraph 3, please. Under
 10 "Key Learning", thank you:
 11 "The analysis of the evaluation reports from the
 12 organisations participating in the exercise indicate
 13 that the UK's command & control and emergency response
 14 structures provide a sound basis for the response to
 15 pandemic influenza. However, the UK's preparedness and
 16 response, in terms of its plans, policies and
 17 capability, is currently not sufficient to cope with the
 18 extreme demands of a severe pandemic that will have
 19 a nation-wide impact across all sectors."
 20 Let's just pause there. Do you remember reading
 21 that in October of 2016?
 22 A. No.
 23 Q. Had you read it, would that have caused you some
 24 concern?
 25 A. If I had read this, and with respect I think it was

131

1 having the briefing with Dr Atherton and I remember
 2 sitting down in the basin of Cathays Park in the control
 3 centre where it was run from and participating in those
 4 meetings.
 5 Q. Was it important to you that all relevant learning from
 6 Exercise Cygnus was carried forwards and incorporated
 7 into Wales pandemic planning?
 8 A. Yes. And as I think I describe in my statement,
 9 I understood there would be lessons learning, there
 10 would be an officials route(?), both within Wales as
 11 well as with other partners, and I expected that the
 12 learning from that would then be implemented. My own
 13 impressions from the exercise were that there were
 14 positives and there were things that I would expect to
 15 be worked on.
 16 Q. The way in which you describe it in your witness
 17 statement at paragraph 67 is:
 18 "I was advised that learning points had been
 19 identified and would be implemented ... either in whole
 20 or in part, or that there was a delay in implementation.
 21 For that reason, I assumed, absent any advice to the
 22 contrary or questions in the Senedd, that the lessons of
 23 Exercise Cygnus had been applied."
 24 Did you read the Exercise Cygnus report, Mr Gething?
 25 A. I can't recall which report are you referring to,

130

1 produced after October 2016, I'm not sure of the exact
 2 date, but whenever, if I had read that paragraph, then
 3 I -- I almost certainly would have asked extra questions
 4 about what was then taking place, and there is definite
 5 learning from that about -- again, I made the point
 6 earlier about where ministers' time is used. If I had
 7 read that I think that I almost certainly would have
 8 asked more questions and asked for more assurance about
 9 what was happening.
 10 Q. Can we take it that you didn't read the report?
 11 A. No, I didn't. I did not read this report. I recognise
 12 the front now in preparation for it.
 13 Q. Did your advisers feed back to you the fact that there
 14 were real concerns about the capacity of the
 15 United Kingdom preparedness and response?
 16 A. My advisers fed back, and you've got the documents, that
 17 there was a need for improvement, there was a need for
 18 learning to be applied, and I received briefings on the
 19 progress of those during 2017, 2018 and 2019, and I know
 20 you've got some of the email trains around that as well.
 21 Q. What steps did you take, then, to satisfy yourself that
 22 Wales would be prepared for the next pandemic?
 23 A. Well, I engaged with the briefings I received from my
 24 officials, and you'll know that at various points I have
 25 asked about follow-up from different parts of the

132

1 sector, and I know you've also been through,
 2 for example, the improvements, the investment in
 3 microbiology, a range of other things that happened. So
 4 there were different decisions that I made.

5 Looking back, I think it is fair to say that if
 6 I had put more ministerial time into this, then I may
 7 well have sped up preparedness.

8 Q. Was social care on your radar as Cabinet Minister?

9 A. Yes. I've set out earlier that social care was part of
 10 the departmental responsibility, and at the start of the
 11 term my deputy and I at the time invested fairly
 12 significant time and then through the rest of that
 13 period in not just having the long-term plan to cover
 14 both health and social care but actually direct time
 15 with local government and with partnership boards
 16 bringing health and the third sector together, because
 17 we knew that you can't have a long-term future for the
 18 health service without social care being part of the
 19 answer.

20 Q. Did your advisers bring to your attention that, as part
 21 of Exercise Cygnus, the local resilience forums had
 22 expressed concerns that it was not possible to collate
 23 an accurate picture of social care capacity because much
 24 of the capacity lay with private providers?

25 A. Not specifically in those terms, but I'm obviously aware

133

1 structure of the service, what improvement could look
 2 like, and the broader vulnerability within the sector as
 3 well.

4 So you're thinking about different models for
 5 social care so it's more sustainable, who the new actors
 6 are going to be. There are lots of relatively small
 7 family-run homes that give you different vulnerability.
 8 If people retire, that home can go and you potentially
 9 have a number of residents who may not be able to carry
 10 on. So that was a challenge, and the way that it's
 11 commissioned and funded is also a key risk as well. And
 12 all those challenges, in the way I've described them,
 13 would still exist now, but we're in a better position
 14 now than when I started, and I expect we'll be in
 15 a better position in the future, because, you know,
 16 social care is essential for the future of the health
 17 service and it's part of our -- it's part of our success
 18 story that lots of us can expect to live to be older and
 19 there is a need to plan for and to deliver against that.

20 Q. Did you take any action on this recurring issue that
 21 there appeared to be no register of private care homes
 22 in terms of the contingency plans for a pandemic or for
 23 any sort of outbreak that they might have? Did you take
 24 any action on that?

25 A. No, not on that specific point.

135

1 of the structure of social care and how it has changed
 2 significantly over the last few decades.

3 Q. You will be aware now that that concern is something
 4 that was raised as far back as Exercise Taliesin, and
 5 nothing appears to have been done about it in the
 6 meantime; is that a concern that was ever brought to
 7 your attention when you were Cabinet Minister for
 8 Health?

9 A. Not in those specific terms. Like I said, the concerns
 10 about social care were broad and not simply focused on
 11 pandemic preparedness, it was much more about the
 12 stability of the sector, given the demands that it
 13 faces. And the structure of it is part of that too.

14 Q. Did you cause for any research, briefings, action to be
 15 taken as a result of what you knew to be the problems
 16 with social care during the time that you were Cabinet
 17 Minister?

18 A. Yes, we invested in social care, it was part of our plan
 19 for the future. I made deliberate choices to put parts
 20 of the NHS allocated budget into partnership space that
 21 had to be used by health and social care working
 22 together through the seven regional partnership boards
 23 that we'd created. So social care was definitely part
 24 of what we were concerned about, and wanted to invest in
 25 its future, and that did also take into account the

134

1 Q. Are you aware, Mr Gething, that following
 2 Exercise Cygnus there was a group created called the
 3 Wales Pandemic Flu Preparedness Group?

4 A. Yes.

5 Q. Did that group ever report directly to you?

6 A. I received briefings from that group. The named
 7 individual who provided those briefings is
 8 David Goulding, and he is referred to in the papers.

9 Q. Were you aware that during a meeting of that group, the
 10 following was discussed:

11 "Adult social care and community healthcare.

12 "NR advised that there was currently an issue around
 13 who would be the SRO for the social care workstream
 14 within the Department of Health. He added that within
 15 Wales he was trying to establish where there was
 16 social care capacity but the task was extremely
 17 difficult as most of the care provision was provided by
 18 independent companies."

19 So, in other words, there was a restatement of the
 20 problem, knowledge of private social care?

21 A. Yeah, and that -- that's part of what you're looking at
 22 across the whole system, regardless of the purpose,
 23 because understanding who's providing the care,
 24 understanding the commissioning arrangements that are
 25 largely led by local government and understanding the

136

1 variety of different homes in each of the 22 authorities
 2 is part of the challenge we have, and had, when it came
 3 to dealing for this in very real terms.

4 Q. Were you able to watch the evidence of Frank Atherton
 5 from yesterday or have you been able to receive
 6 a briefing on what that might have contained?

7 A. I've seen some of it. We had Cabinet yesterday so
 8 I wasn't able to absent myself to watch all of it.

9 Q. All right. Are you aware, then, that in an email trail
 10 from July 2018 there was concern expressed about the
 11 pace of development of the review and guidance which
 12 needed to be exposed to ministers, according to
 13 Mr Atherton, along with resource issues? In fact
 14 I think it might have been Mr Kilpatrick who sent the
 15 first email, but there was a chain, I think, referred to
 16 during the evidence of Mr Atherton which indicated that
 17 this concern needed to be brought to the attention of
 18 ministers?

19 A. Yes, I'm aware of the email exchange that was referenced
 20 yesterday.

21 Q. Yes. Was that brought to your attention?

22 A. Not specifically in terms of that exchange, but I know
 23 you've heard other evidence about some of the other
 24 steps that were taken, but, for example, I didn't then
 25 get at that briefing saying, "We need you to intervene,

137

1 England first -- that's just the reality of travel
 2 patterns and population size -- that you would want to
 3 have that come through. So, again, if that was put in
 4 front of me as a minister, I would -- and it goes back
 5 to, I think, my Lady's questions about what could be
 6 helped -- if I'd had a briefing that said, "We haven't
 7 got this in the Department of Health in England, it
 8 would be really helpful, and we also need to make sure
 9 that we have a greater focus in the Welsh Government",
 10 one of the things you could have done as a minister
 11 would be to say, "I want to know more about this, I want
 12 to know what has happened within a certain timescale",
 13 and often that is something you do, say, "I want to know
 14 within three months what's happening, and I want to have
 15 the officials in front of me", that kickstarts people to
 16 do things within a timescale, and you could have written
 17 or asked for a conversation with a UK minister, and
 18 that's one of those challenges, where you do have
 19 correspondence, it isn't political, where not having
 20 better relationships does get in the way of doing
 21 government business that has to take place.

22 Q. One of the issues which Wales could have grappled with,
 23 without having to wait for the Department of Health to
 24 act, is getting to grips with private care home capacity
 25 and ensuring that they had in place contingency plans,

139

1 Minister, because we're not making enough progress".
 2 And there are times where you intervene and you say,
 3 "I want to know what's happening", or, "I want to meet
 4 officials", and it does accelerate progress and provide
 5 renewed focus, but I don't recall ever being briefed on
 6 that particular exchange or its outcome in relation
 7 specifically to, "We want you to be more engaged in
 8 pandemic preparedness to make sure that we accelerate
 9 the work that we're doing".

10 Q. One of the concerns expressed in that email train was
 11 the fact that the Welsh Government appeared to be
 12 waiting for the Department of Health to issue guidance
 13 before it could assess and review its own plans and
 14 guidance. Do you consider that to be a problem for
 15 Wales, reactive rather than proactive?

16 A. Well, I think it's always part of the challenge when you
 17 want to work across the four nations about where and how
 18 you do that, and to do that in a way where you can have
 19 your own plans to do what you want to in Wales, whereas
 20 in the pandemic scenario you know it's likely to affect
 21 all four nations and so you want some deliberate
 22 consistency. Or if you're going to do things
 23 differently, to understand why. And because England is
 24 a much bigger block within the UK, and it's likely that
 25 if you have a future pandemic it will come through

138

1 isn't it?

2 A. So I think that's fair. I think it's fair to say that
 3 we could have made more progress with our own sector.
 4 The prime concern about the social care at the time was
 5 its vulnerability and sustainability full stop, and so
 6 actually that still means needing to understand who is
 7 in the sector. In general terms you had
 8 an understanding about the average size of homes, but
 9 actually the more granular detail, to understand, with
 10 local authorities in particular but also the health
 11 service, the numbers of homes, where they are, and in
 12 this area their infection prevention and control
 13 procedures in general terms as well as the specifics
 14 around the pandemic.

15 Q. Right. Finally, Mr Gething, I want to ask you about
 16 PPE.

17 LADY HALLETT: It's all right.

18 MS BLACKWELL: Not at all, I was just pausing.

19 LADY HALLETT: It's the pollen.

20 MS BLACKWELL: It's affecting us all.

21 At paragraph 35 in your witness statement you say:
 22 "We have learned a great deal about the importance
 23 of PPE supplies, the adequacy of our stockpile, the
 24 importance of secure supply chains and the trade-offs
 25 between price and security of supply."

140

1 What do you mean by the trade-off between price and
 2 security of supply?
 3 A. So we had operated a just-in-time system where price
 4 drove most of our procurement decisions, including on
 5 PPE, and one of the lessons is about the length and the
 6 fragility of those chains and, again, I think it's
 7 common evidence from a number of people that they
 8 collapsed in the face of the pandemic. So if we want to
 9 be more resilient in the future we would need to carry
 10 on investing in PPE production that is closer to home.
 11 That would almost certainly mean that it will cost more,
 12 and the challenge there is that whoever is in whichever
 13 part of the government across the four nations of the
 14 UK, there are political and financial choices that come
 15 with that.

16 If you want to invest in having a supply that you
 17 know is more expensive than you could buy in another
 18 part of the world but you're doing it because you want
 19 to make sure you don't have fragility if there is
 20 a future pandemic, you've got to be prepared to do that,
 21 and that has a budget consequence to it.

22 It's the same with other areas of preparedness as
 23 well, and, you know, I have looked at Mr Hunt's evidence
 24 and he talks about South Korea, so not just on PPE but
 25 on improving capacity in laboratories, for example,

141

1 well, that isn't just the capital involved in building
 2 a facility, you need the people to do that, and you've
 3 got to invest on a recurrent basis for that to happen.
 4 So those are choices and that resilience, if you're
 5 looking to build it in, if you need more capacity you
 6 can't avoid the fact that that will cost more money, and
 7 that's a choice that we have to be prepared collectively
 8 to make. I think that holds regardless of who is in
 9 government in whichever part of the UK.

10 Q. Were you aware that Welsh and UK-wide planning
 11 assumptions were to plan for successive flu waves to
 12 each last approximately 15 weeks in duration?

13 A. Yes.

14 Q. All right. I'd like to just look, please, at the
 15 document which sets out the stockpile held in
 16 South Wales of PPE.

17 It's at INQ000066526.

18 Just reminding ourselves that the central PPE
 19 stockpile for Wales was the pandemic influenza
 20 preparedness programme stockpile. This is Audit Wales'
 21 report entitled "Procuring and supplying PPE for the
 22 Covid-19 Pandemic". It's dated April of 2021.

23 Now, this will be the subject of evidence in later
 24 modules, but I'd just like to look, please, at page 21
 25 and paragraph 1.26 to ask you about the planning and

142

1 whether or not it was sufficient.

2 Can we highlight, please, the table in the middle of
 3 the page.

4 A. Yeah.

5 Q. This is the quantity of items in the PIPP stockpile, as
 6 we've just established, in March 2020, and how long it
 7 lasted: aprons, six weeks; eye protectors, ten weeks;
 8 type IIR masks, which are of particular use for
 9 care homes and hospitals, 5.5 weeks; FFP3 respirators;
 10 10.9 weeks; gloves, singles, 1.5 weeks; hand sanitiser,
 11 4.3 weeks.

12 Even if we acknowledge that the assumptions that the
 13 Welsh and UK Government were planning for were not
 14 strictly adhered to by the Covid-19 pandemic, in fact in
 15 some senses they were worse, weren't they? Do you agree
 16 that the PPE stockpile in Wales was woefully inadequate
 17 to deal with the pandemic that was being planned for?

18 A. Yes, so our collective planning assumptions did not
 19 stand up against reality. So they were not adequate for
 20 the challenge we then faced, and that is set out in the
 21 table. I think it's very, very clear. And that --

22 LADY HALLETT: I don't think, with respect, sorry to
 23 interrupt, that wasn't the question.

24 A. Sorry.

25 LADY HALLETT: The question was the planning was for
 143

1 something that was going to last for 15 weeks.

2 A. Yes.

3 LADY HALLETT: The point that Ms Blackwell is making is that
 4 it didn't even last 15 weeks, not just Covid.

5 A. No, and that was -- and I remember having a conversation
 6 about this time. I want to try to avoid going too far
 7 into the actual response.

8 We were going through PPE at a much faster rate than
 9 our planning assumptions assumed we would, so actually
 10 we found that our stockpile that should have lasted for
 11 a whole wave didn't. And, you know, the rate at which
 12 we were going through it was much faster than we
 13 expected, and it's why in the very early stages this was
 14 one of my major concerns in practice. But I don't want
 15 to get drawn too far into what I know we'll be going
 16 through in Module 2.

17 MS BLACKWELL: So do you agree, Mr Gething, that the plan
 18 that was in place was not just a plan for the wrong
 19 pandemic, but it was an inadequate plan in any event,
 20 even for the pandemic that it was being created for?

21 A. I think it's fair to say that the plan for an influenza
 22 pandemic would still have had challenges. If we'd had
 23 an influenza pandemic -- I hesitate to say it was
 24 inadequate because it's such a loaded term, but it
 25 certainly -- with all the evidence that I've seen, and

144

1 I know the Inquiry have seen, the planning for
 2 an influenza-type pandemic was not complete, and we
 3 would have had vulnerabilities if it had been
 4 an influenza pandemic.

5 Q. Thank you.

6 My Lady, those are all the questions I have for
 7 Mr Gething. You have provisionally provided permission
 8 for a series of questions all to be asked by Covid-19
 9 Bereaved Families for Justice Cymru. Please may that be
 10 done now?

11 LADY HALLETT: Certainly.

12 Questions by MS SHEPHERD

13 MS SHEPHERD: My Lady.

14 LADY HALLETT: Ms Shepherd.

15 MS SHEPHERD: Mr Gething, my name is Laura Shepherd and
 16 I appear on behalf of Covid-19 Bereaved Families for
 17 Justice Cymru.

18 I'm going to start off by asking you about
 19 stakeholders. I don't know if you heard the evidence of
 20 Rosemary Gallagher that she gave last week. She spoke
 21 about the engagement or perhaps lack thereof that she
 22 had with the United Kingdom Government. Did you as
 23 Health Minister invite the Royal College of Nursing or
 24 the British Medical Association or any other clinical
 25 stakeholder groups to have input into the

145

1 as in the rest of the UK, and the challenges, during
 2 a surge capacity it's not just a facility, it's people
 3 you need, and that is the big challenge. So if you
 4 could invest in more people you have more capacity to
 5 surge to, but those people will be working before you
 6 need to change things. So the ability to surge is about
 7 people, it's partly about facilities, it's also -- and
 8 I think I went through this briefly in questions
 9 earlier -- you have to choose what you're not going to
 10 do to create that space, whether that's the number of
 11 people who you would then expect to provide care to give
 12 you more capacity, or whether that is stopping some
 13 services from happening, or reorganising the way that
 14 they do.

15 Q. Were those choices made in preparation or were they made
 16 at the time when Covid hit?

17 A. So some of that work had been done in preparation,
 18 I know you heard this from Dr Goodall, the work hadn't
 19 been concluded but the thinking about it was not
 20 starting from a zero base. The challenge then is when
 21 it happens you have to think very quickly. That's why
 22 the workstream on regulation is relevant as well,
 23 because part of that surge capacity was a change in
 24 regulation that was swiftly introduced, and was
 25 envisaged, actually, in terms of pandemic preparedness,

147

1 Welsh Government's pandemic planning?
 2 A. No, I didn't ask for royal colleges to take part
 3 specifically. In the way that pandemic planning was
 4 undertaken, you have had this evidence from a range of
 5 people, officials within the Welsh Government worked
 6 with a range of partners, but I'm not sure whether they
 7 did engage with the royal colleges or not. But I did
 8 not see Rosemary Gallagher's evidence on this point.

9 Q. Were you aware that in her report in 2011,
 10 Dame Deirdre Hine, this was following the swine flu
 11 pandemic, she advised as to increased stakeholder
 12 engagement in pandemic planning?

13 A. Yes, I'm aware of that in preparation for this Inquiry.
 14 I'm not sure if she defined the list of stakeholders,
 15 but I'm aware that it was one of the recommendations.

16 Q. I'm going to move on now to ask you about surge
 17 capacity. So you have been asked questions about the
 18 sufficiency of the PPE stockpile, and I know that you
 19 heard the evidence that was given earlier by
 20 Andrew Goodall, and he spoke about the workstream that
 21 was in place as to surge capacity and how that wasn't
 22 finalised before January 2020.

23 When it got to the pandemic, do you agree that there
 24 was a difficulty with surge capacity in Wales?

25 A. Yes, there was a difficulty in surge capacity in Wales,

146

1 to allow you to have people put back on the professional
 2 registers to undertake work they wouldn't otherwise have
 3 done, and that of course relies on those people wanting
 4 and being prepared to come forward.

5 So I guess fair to say that the work wasn't
 6 complete, but it doesn't mean that nothing had happened,
 7 because when the time came there was thinking to rely on
 8 as well as the need to make choices.

9 Q. I just want to have a look at some of the planning
 10 presumption when it comes to surge capacity.

11 If we could have up on the screen, please,
 12 INQ000089573.

13 This is a document you've already been referred to
 14 today, this is the Wales Health and Social Care
 15 Influenza Pandemic Preparedness and Response Guidance
 16 dated February 2014.

17 If we could have a look at page 7, please. So in
 18 the box there in the middle of the page, the very top
 19 row in that box says:

20 "Up to 50% of the population could experience
 21 symptoms of pandemic influenza over one or more pandemic
 22 waves each lasting 15 weeks."

23 Then if we look a couple of boxes down it says:
 24 "1-4% of symptomatic people may require hospital
 25 treatment."

148

1 So that's up to 2% of the entire population of Wales
 2 in hospital, potentially in a 15-week period. Was Wales
 3 prepared for that?

4 A. Not in the sense we had the hospital capacity at the
 5 start of the pandemic. That's a simple matter of the
 6 maths of the matter. To be prepared to know that you
 7 might have to do that in general terms we didn't have
 8 a granular plan on: here is how we will create that
 9 capacity.

10 I think it's also fair to point out, Ms Shepherd,
 11 that the planning assumptions are on the reasonable
 12 worst-case scenario, so that is if you're not taking
 13 action, and actually of course we did act, and the
 14 assumptions are these things can happen if you don't
 15 take action.

16 What we did meant that fortunately 2% of the
 17 population did not require hospital treatment, and to
 18 create the capacity for that -- again, I'm trying not to
 19 get drawn into Module 2, my Lady, but of course we did
 20 have to rapidly go through some of the challenges around
 21 field hospital expansion.

22 Q. I'm going to move on now then to excess deaths, and what
 23 I mean by this is the measures in place to deal with
 24 that, body bags, mortuary capacity and the ability to
 25 maintain the dignity of those who died.

149

1 a bad death is and understanding that that has a real
 2 impact on people who are left behind, and when we
 3 started and had to consider the measures we might have
 4 to take immediately for mortuary capacity and for
 5 crematoria -- and I knew that crematoria capacity and
 6 there were plans that had gone through and been
 7 discussed with partners about how to increase crematoria
 8 capacity, but actually all of this work was not fully
 9 completed, and that meant that when Covid came, we were
 10 not as prepared as we could and should have been, and
 11 that does, yes, Ms Shepherd, lead to additional pain for
 12 bereaved families.

13 Q. Do you accept that you had responsibility to plan for
 14 that?

15 A. Yes, I'm the minister in the government, of course it's
 16 my responsibility.

17 Q. There is one final area I wanted to ask you about, and
 18 that's infection control and in particular isolation
 19 rooms in hospitals. The evidence that we heard earlier
 20 today from Dr Sandifer, and we also heard it yesterday,
 21 was there was no provision in Wales whatsoever to deal
 22 with HCIDs, which means that if people in Wales -- if
 23 someone in Wales has an HCID, they're taken to London or
 24 I think it's Newcastle. Do you accept that lack of
 25 preparedness for even one case of SARS in Wales reflects

151

1 According to a Welsh Government document from the
 2 Technical Advisory Group, there were 2,257 deaths
 3 involving Covid-19 between 1 March 2020 and 31 May 2020,
 4 so that's a period of 12 weeks. Wales was not prepared
 5 for that number of deaths, was it?

6 A. I think in terms of the briefing that I had, excess
 7 deaths were mentioned. I was aware there was work on
 8 excess deaths that needed to be completed. I don't
 9 think that work was finalised. The most difficult part,
 10 I think, is not the physical capacity, it's the dignity
 11 in death that I found most difficult.

12 Q. If we could have a look again, please, at the
 13 INQ000089573 document, page 7. Again we've got excess
 14 deaths below the table on page 7, and again it says
 15 here:

16 "Planners should aim to be able to cope with
 17 between 12,000, and 15,000 deaths in Wales ..."

18 That's over a 15-week period, and we had just over
 19 2,000 deaths in Wales over a 12-week period. Do you
 20 accept that that lack of preparation led to real pain
 21 and suffering of the bereaved in Wales?

22 A. I think, in honesty, addressing the issue of excess
 23 deaths does lead to pain and suffering and it did lead
 24 to it, because, as I say, one of the things I found most
 25 difficult was the dignity in death, and knowing what

150

1 a big oversight from those who were responsible for
 2 pandemic preparedness?

3 A. No, and I think the reason is important. So if you have
 4 two centres in England, you're dealing with very small
 5 numbers of a high-consequence infection. The challenge
 6 we are looking at is how do we make sure we have the
 7 ability to deal with a small number of high-consequence
 8 infections. For the scale of the pandemic, the centres
 9 in London and Newcastle could not cope and would not
 10 reasonably cope. Actually the challenges around how you
 11 surge capacity, as we had to with intensive care and
 12 more, is much more relevant to pandemic preparedness and
 13 coping with a genuine pandemic, as we did in the early
 14 stages of containment, and I think Chris Whitty has
 15 given evidence on this as well, I don't think it would
 16 have made any difference if we'd had a centre in Wales.
 17 If that had been in the Heath in Cardiff, if you live in
 18 Betws-y-Coed, that wouldn't have been the place you
 19 would have gone anyway. So there is a challenge about
 20 understanding the difference between a very small number
 21 of high-consequence infections -- if you recall, when
 22 there was a nurse who returned from the work she was
 23 doing and the challenge around Ebola, actually that is
 24 where you have those very limited number of high
 25 consequence facilities. The pandemic is a different

152

1 order.
 2 Q. SARS was an HCID until March 2020 and there was not --
 3 sorry, Covid -- coronavirus and SARS was HCID until
 4 March 2020, and there was not one single isolation unit
 5 in Wales that could deal with it, was there?

6 A. Not at that time, no. And, as I say, in terms of --
 7 I think we are maybe talking about different points
 8 here. Having an individual unit with a small number of
 9 beds would not have prevented the challenges of the
 10 pandemic. The scale and the depth of what we needed to
 11 prepare for and to deal with would not have been changed
 12 if we'd had four high-consequence infection beds at
 13 University Hospital Wales in Cardiff. That's the point
 14 I'm trying to make. I think there's a danger that you
 15 say, "This is the issue", when actually it's the much
 16 broader challenges of preparedness I think that are the
 17 real challenge.

18 MS SHEPHERD: Thank you, my Lady.

19 LADY HALLETT: Thank you very much, Ms Shepherd.

20 MS BLACKWELL: My Lady, that completes Mr Gething's
 21 evidence.

22 LADY HALLETT: Thank you very much for your help,
 23 Mr Gething.

24 THE WITNESS: Thank you.

25 (The witness withdrew)

153

1 Q. Mr Drakeford, whilst you give evidence, could you please
 2 keep your voice up whilst at the same time not falling
 3 into the trap, into which a number of other witnesses
 4 have fallen, of speaking too fast for our stenographer.

5 Mr Drakeford, it is very well known that you are the
 6 First Minister of Wales and you have been so since
 7 December of 2018. But before that, from March 2013,
 8 were you Minister for Health and Social Services, and
 9 from May 2016 Cabinet Secretary for Finance and Local
 10 Government, and then November 2017, Cabinet Secretary
 11 for Finance?

12 A. I was.

13 Q. Your experience, therefore, reflects or is important for
 14 a number of areas in this module, because in practice
 15 you've worked inside, and of course you now lead, the
 16 Welsh Government since the outset of devolution, and
 17 you've worked as both Health Minister and Minister for
 18 Local Government, and therefore you have great
 19 experience of dealing with the system for health
 20 emergencies, as well as, of course, the resourcing for
 21 the preparedness structures in Wales.

22 Did you also have to deal with the Ebola outbreak
 23 whilst you were Health Minister?

24 A. That did happen while I was the Health Minister, yes.

25 Q. You may indeed even have been an adviser in government
 155

1 MS BLACKWELL: Would that be a convenient moment to take our
 2 afternoon break before the final witness of the day.
 3 LADY HALLETT: Yes, of course. I'm just trying to think --
 4 it's very important that we finish Mr Drakeford's
 5 evidence today.

6 MS BLACKWELL: Perhaps ten minutes? Sorry, you're getting
 7 mixed messages.

8 LADY HALLETT: I am getting mixed messages. Ten minutes.
 9 3 o'clock.

10 (2.50 pm)

(A short break)

12 (3.00 pm)

13 LADY HALLETT: Mr Keith.

14 MR KEITH: The First Minister of Wales, please.

15 MR MARK DRAKEFORD (affirmed)

16 Questions from LEAD COUNSEL TO THE INQUIRY

17 MR KEITH: Would you be good enough to give your full name,
 18 please, to the Inquiry.

19 A. Mark Drakeford.

20 Q. Mr Drakeford, thank you very much for the assistance
 21 that you have so far provided to the Inquiry by way of
 22 the provision of a witness statement. Is that a witness
 23 statement dated 21 April 2023 to which you've appended
 24 your signature and declared the statement of truth?

25 A. It is.

154

1 at the time of the swine flu pandemic before that?

2 A. That's true.

3 Q. All right.

4 I'd like to start asking you questions, please,
 5 about devolution and the position concerning civil
 6 contingencies.

7 You are, of course, familiar with the Welsh
 8 Ministers (Transfer of Functions) Order 2018. That is
 9 a hugely important piece of legislation, secondary
 10 legislation, which came into force on 24 May 2018, and
 11 it transferred functions from ministers of the Crown in
 12 London to Welsh Government ministers in relation to the
 13 field of civil contingencies, as well as, I should say,
 14 a large number of other matters; is that broadly
 15 correct?

16 A. That is correct.

17 Q. So that we can understand the position, prior to that
 18 date were there a number of functions, activities,
 19 executive functions which were already within the
 20 competence of the Welsh Government, that is to say that
 21 they were not reserved, they were devolved matters, but
 22 they had not practically been transferred to the
 23 Welsh Government enabling you to be able to carry them
 24 out?

25 A. Well, the Welsh Government had been involved in dealing
 156

1 with civil emergencies from the very start of
 2 devolution. The very first year I was part of advising
 3 the Welsh Government we had a series of events in
 4 flooding, in fuel protests and foot-and-mouth disease,
 5 which illustrated that in fact, if not in law, the
 6 Welsh Government was drawn in to responding to those
 7 civil emergencies, and that continued to be the case in
 8 the decade and more thereafter.

9 **Q.** But legally some of the functions which you were
 10 required, obligated to carry out would or were on one
 11 view still reserved matters which had not been converted
 12 into devolved matters, enabling you to act legally, or
 13 were matters which had been changed into devolved
 14 matters but the piece of secondary legislation formally
 15 confirming that they were powers that you could exercise
 16 hadn't yet gone through, but you just got on with the
 17 job?

18 **A.** In many ways the Transfer of Functions Order regularised
 19 the way in which things had happened on the ground for
 20 some time.

21 **Q.** An important part of that order concerned part 1 of the
 22 Civil Contingencies Act 2004, the United Kingdom
 23 legislation concerned with civil contingencies, because
 24 until the order was made transferring functions from
 25 ministers of the Crown to the Welsh ministers, the

157

1 Welsh Government was unable to pass regulations under
 2 that Act and also formally to discharge the functions
 3 specified by the Act itself; is that broadly correct?

4 **A.** That is correct, yeah.

5 **Q.** There is evidence before my Lady's Inquiry that until
 6 the Transfer of Functions Order, much of the discharge
 7 of civil contingencies powers by the Welsh Government
 8 was therefore framed not by that legislative framework
 9 or the legality of the functions order, but by the views
 10 of the First Ministers in place at the time and senior
 11 Welsh ministers. You were, in other words, forced back
 12 into the position of making decisions yourselves as
 13 ministers, as executive ministerial decision-makers,
 14 regardless of the legal position and the application of
 15 the Civil Contingencies Act; would you agree?

16 **A.** Only in part, I think, because many of the emergencies
 17 which were dealt with over that period relied on other
 18 powers which were already in the hands of Welsh
 19 ministers.

20 So I could give you one example, while I was the
 21 Health Minister there was a major measles outbreak in
 22 South Wales. It was a public health emergency, but all
 23 the powers that we needed to respond to that were
 24 already in the hands of Welsh ministers through the
 25 Public Health Act of 1984.

158

1 **Q.** Presumably, in anticipation of the Transfer of Functions
 2 Order being made, and it was an order which you had
 3 sought of course, politically the Welsh Government had
 4 for some time stated to the United Kingdom Government,
 5 "It is time for these functions to be transferred, let
 6 us make *de jure* what is already *de facto*", presumably
 7 you had to make sure that the Welsh Government
 8 structures, in terms of resourcing, the personnel, the
 9 group or committee structure, was ready to discharge the
 10 new functions which it would be allowed to carry out?

11 **A.** Well, the normal pattern would be that a transfer of
 12 functions is accompanied by a transfer of funding to
 13 discharge those functions, because those functions are
 14 already being discharged elsewhere. So you no longer
 15 need to discharge them at central government level and
 16 the funding follows. So it would be true that the
 17 Welsh Government was responsible for making sure that,
 18 in terms of structures, that we were ready to discharge
 19 those new responsibilities. In this case, as I think
 20 the Inquiry will know, no funding followed from
 21 the United Kingdom Government for these purposes. So
 22 funding had to be found from within wider
 23 Welsh Government resources that would otherwise have
 24 been used for other purposes.

25 **Q.** So looking at those three areas of resources, personnel
 159

1 and the structure, in terms of resources, the
 2 Welsh Government was keenly aware that it would need
 3 extra resources in order to be able to discharge the
 4 additional functions which it was empowered to operate
 5 or would be empowered to operate from May 2018.

6 Did you seek from the United Kingdom Government
 7 additional resources to enable you to carry out those
 8 new functions?

9 **A.** Yes.

10 **Q.** What was the response?

11 **A.** Cabinet Office said that they had been unable to
 12 identify any expenditure that they had undertaken to
 13 discharge those functions, and therefore there was no
 14 money to be transferred. They could not identify any
 15 discrete sums of money used for those purposes in Wales,
 16 and therefore there was no sum of money that they could
 17 identify to accompany the transfer of responsibilities.

18 **Q.** So, in effect, because they were unable to specify how
 19 much the existing discharge of those functions cost
 20 them, in the general kitty, perhaps the general
 21 consolidated fund, they would not give you and could not
 22 give you the same amount of money in order for you to
 23 then discharge those functions going forward?

24 **A.** That was their argument.

25 **Q.** Therefore you fell back, of course, on your own funding
 160

1 sources?

2 A. We did. We employed eight new -- or we created eight
 3 new posts within the Welsh Government to enable us to
 4 discharge these new responsibilities. But they were
 5 funded, as I said, not from the new money that you might
 6 have expected, but from money that was already devolved
 7 to Wales for the functions that the Welsh Government
 8 already possessed.

9 Q. May we take it from the fact that post-Covid the
 10 relevant risk and resilience directorate or division has
 11 many more people now in it than was the case in 2018,
 12 that the number of people you were able to fund fell
 13 short of, to use a word from earlier in the evidence,
 14 the optimum? You would, all other things being equal,
 15 had you had the money, have preferred to fund
 16 considerably more people than the eight that you were
 17 able to do so?

18 A. Well, my experience as Finance Minister taught me that
 19 you always had to think of two things: you had to think
 20 of the amount of money that you have available, but you
 21 also have to think about the capacity of a system to
 22 absorb that funding. Sometimes it's not just a matter
 23 of finding the money. Systems can't spend the money --
 24 can't spend the money wisely if you provide it all too
 25 quickly. Capacity has to be built up over time. In the

161

1 beginning, eight posts to take on these new
 2 responsibilities, I felt, as the Finance Minister having
 3 to find the money, that that was both something we could
 4 manage financially but also that the system would be
 5 able to use that money in a proper way.

6 Q. Let me ask you the same question in a different way,
 7 Mr Drakeford: had the United Kingdom Government provided
 8 the funding that you had sought, would you have still
 9 ended up with only eight people in that team?

10 A. Very hard question to be sure, given that they didn't
 11 give us any money at all. We would have cut our coat
 12 according to our cloth.

13 Q. All right.

14 In terms of personnel, it wasn't just a question
 15 then of being able to identify changes in personnel in
 16 the particular part of the Welsh Government, the
 17 Welsh Government resilience team, perhaps. What
 18 consideration was given to ensuring that, for the
 19 discharge across the board of these civil contingencies
 20 powers, more people would need to be placed in various
 21 other parts of the Welsh Government or outside the
 22 Welsh Government, either in relation to the audit teams
 23 or the local resilience forum level or the strategic
 24 co-ordination group level and so on?

25 A. I think my recollection of the time is that the powers

162

1 were more about allowing resources that were already
 2 there to be deployed more effectively. I'm not saying
 3 for a moment that there was no case for additional
 4 resources, but the primary case was: you have
 5 a resource, the powers that they need are not in the
 6 right place, when those powers are transferred, those
 7 people who are there already would be able to do their
 8 job more effectively.

9 Q. Finally, in relation to the structure, there was
 10 a pre-existing civil contingencies structure in Wales,
 11 of course, and as we will see later in the course of
 12 your evidence it had many moving parts. To what extent
 13 did the Welsh Government seek to recalibrate that
 14 structure, to make sure that the structure was in the
 15 best place possible to start carrying out the new
 16 functions which the Transfer of Functions Order
 17 permitted them to do so?

18 A. Well, ministerially, because that's the perspective from
 19 which I was able to view it, the structures were
 20 sufficient to make sure advice flowed to ministers,
 21 flowed in a timely way, was enabled to raise issues with
 22 ministers when those issues were required. And in some
 23 ways -- you don't spend your time looking at the wiring
 24 diagram so long as you are confident that the diagram
 25 produces the result that you need, consistent advice of

163

1 the quality that you require, in a timely fashion, and
 2 I felt confident that the system did do that.

3 Q. Beyond -- I don't mean this pejoratively -- beyond the
 4 parochial issue of what advice individual ministers and
 5 the First Minister was receiving, to what extent did the
 6 Welsh Government stand back and say, "Is this structure
 7 for civil contingencies emergency preparedness the
 8 correct structure to be able to deal with the future
 9 discharge of these additional powers?"

10 A. Yes.

11 Q. The evidence is quite plain that there are a lot of
 12 different bodies in the Welsh civil contingency field.
 13 Were they the right bodies in the right place to be able
 14 to deal with these new functions?

15 A. Well, my predecessor as First Minister ordered a review
 16 of those structures to accompany the transfer of
 17 functions. So there was a conscious effort to make sure
 18 that the Welsh Government would be equipped in that
 19 structural sense to use the new powers that came its
 20 way.

21 Q. There was, and my Lady has heard evidence to this
 22 effect, a report on civil emergencies in Wales dated
 23 6 December 2012. There is absolutely no reason why you
 24 would have had to have had that brought to your
 25 attention when you became First Minister or even Health

164

1 Minister, because it was before your tenure as Health
 2 Minister. But the evidence yesterday and in part today
 3 is that that report in 2012 highlighted the fact that
 4 there were too many bodies, too many groups in the civil
 5 contingency system in Wales, that there was a complex
 6 resilience framework, problems with inefficiency and
 7 effectiveness, as well as there being no common approach
 8 to risk assessment and a number of other important
 9 matters.

10 Do you know whether or not following that report in
 11 2012, six years before the Transfer of Functions Order,
 12 there was any rationalisation of the groups or the
 13 structures?

14 A. Well, I've given this some thought, having heard it
 15 raised with previous witnesses. From the perspective of
 16 the Minister, the system did not look particularly
 17 complex. You know, there was -- I think it's to be
 18 found in the Pan-Wales Response Plan, on a single page,
 19 the essence of the structure.

20 Once the structure moves into the particularities
 21 of, you know, professional roles and perspectives, it
 22 does sometimes enter a rather arcane world that is only
 23 really understood by those that are part of it.

24 But as a Minister, what I needed to know was: how
 25 would advice get to me, which levels would it have

165

1 provided all of that is effectively translated into the
 2 actions that you would need to take in face of
 3 an emergency, as set out on pages 9 and 11, then you
 4 have confidence to know that the system, when called
 5 upon, whatever complexity might lie behind it, the
 6 system when called upon will operate in that
 7 comprehensible way.

8 Q. Would you nevertheless agree that, following the 2012
 9 civil emergencies report, the audit office report on
 10 civil emergencies in Wales, and between that time and
 11 2018, there was no wholesale change or no significant
 12 change to the civil contingencies structure in Wales?

13 A. Yeah, I think that will be fair.

14 Q. All right.

15 In May 2018, exactly concurrent in fact to the
 16 Transfer of Functions Order, there was a report of
 17 Internal Audit Services called Audit Services' Emergency
 18 Planning, Preparedness and Response, INQ000128972, which
 19 was concerned with the assurance rating of the emergency
 20 planning preparedness and response system. So it's
 21 a report by Internal Audit Services within the
 22 Welsh Government.

23 If you look at the top half of the page, you will
 24 see an overarching general assurance rating given to the
 25 system of emergency planning, preparedness and response,

167

1 passed through, am I confident that that means that the
 2 advice that comes on to my desk has been tested, has the
 3 necessary expertise. And I didn't feel that complexity
 4 was a barrier to that happening.

5 Q. We're going to try to find that diagram, Mr Drakeford,
 6 if we can.

7 A. Page 9.

8 Q. I think it's the Pan-Wales Response Plan, INQ000107119.

9 A. You can find it on page 9, and page 11 goes alongside
 10 it.

11 Q. Thank you.

12 Yes, so there is the flowchart which deals, in fact,
 13 with a slightly different issue, which is the levels of
 14 contingency or emergency, because in the event of
 15 a level 2, the civil contingencies group is required to
 16 establish a Wales civil contingencies committee.

17 So I think what you have in mind is perhaps rather
 18 more page 11, which is a concentric chart -- no, that's
 19 again dealing with levels 1, 2 and 3.

20 We will see if we can find it, but I think you have
 21 in mind there is a concentric chart which sets out the
 22 local resilience forums, the strategic co-ordinating
 23 groups, the various external bodies and then those parts
 24 of the Welsh Government on top.

25 A. But essentially, from a Minister's point of view,

166

1 and quite evidently, Mr Drakeford, all parts of the
 2 Welsh Government are subject to audit at some level and
 3 from time to time, and this is the audit on emergency
 4 planning, preparedness and response.

5 The assurance rating is given as reasonable. If you
 6 take it from me that that was a reduction in the rating
 7 from the earlier rating, which was substantial, that it
 8 had received eight years before in 2010, were you aware
 9 that at the time that the functions were being
 10 transferred to the Welsh Government, the assurance
 11 rating for the Welsh Government's emergency planning
 12 system had been downgraded one slot, one mark?

13 A. I don't think that I would have known it in those terms.
 14 What I would have been aware of was advice that
 15 suggested that the level of threat over that period had
 16 grown, so that the system itself may have been as it was
 17 in 2012, but now it's having to deal with different
 18 threats and more significant threats.

19 Q. There are references in this report to prospective
 20 obligations which would have to be placed on the
 21 First Minister of Wales. You weren't First Minister
 22 then, you became so in December of 2018, but if you
 23 could have page 3, paragraphs 1.3 through to 1.6 --
 24 page 3, 1.3 to 1.6 -- and perhaps picking up the thread
 25 at 1.5:

168

1 "Following a Wales Audit Report in 2012, the
 2 First Minister has agreed to the transfer of executive
 3 functions ... This is likely to take place by
 4 June 2018 ... This ... give[s] Welsh Ministers brand new
 5 powers to exercise additional functions including:
 6 "- Issuing guidance ...
 7 "- monitoring devolved responders and requiring them
 8 to produce information ...
 9 "- bringing enforcement proceedings ..."

10 Then if we could just run through, please, to page 5
 11 at paragraph 3.7, so we can see the overarching scheme:

12 "Resource requirements have been identified by the
 13 Resilience Team to be able to carry out the new duties
 14 and activities required to support Ministers'
 15 responsibilities."

16 There is a reference then to the then First Minister
 17 writing to the United Kingdom Government looking for
 18 money.

19 In broad terms, Mr Drakeford, following that audit
 20 report, which had noted that the rating had reduced
 21 itself from substantial to reasonable, was there
 22 a wholesale rewriting of guidance? Were, in a general
 23 sense, the Welsh Government's pandemic plans and civil
 24 contingencies plans rewritten? Were there or was there
 25 put into place a new system or an enhanced system of

169

1 has, and we were content at this point to do so.
 2 I'm not sure we would have felt that there was
 3 a huge advantage to be gained from deducing
 4 Welsh-specific risks when the United Kingdom
 5 Government's risk assessment process appeared to us to
 6 be one that you could rely on and had the expertise it
 7 required to deliver it.

8 Q. You are, of course, familiar with the doctrine that all
 9 risk is local, the subsidiarity principle, you've no
 10 doubt seen the evidence about how, in the civil
 11 contingencies field, the principle of subsidiarity is
 12 applied. There will no doubt be risks, won't there,
 13 which will affect Wales differently? There may even be
 14 risks which would only affect Wales. But to rely upon
 15 the United Kingdom risk register for risks identified by
 16 UK officials to apply across the board tended, did it
 17 not, to fail to give sufficient consideration to
 18 Welsh-specific risks and how they might be managed?

19 A. Well, the way that that was discharged was through the
 20 four LRFs, so I agree with you that you needed a local
 21 application of the national register. Whether there is
 22 a Welsh intermediate tier for that was something we did
 23 not feel at that time would have justified the resources
 24 that would have been required to develop it. But we did
 25 ensure that at the four LRF levels there was a statutory

171

1 monitoring devolved responders and possibly bringing
 2 enforcement proceedings?
 3 A. The system didn't have a wholesale change, and the
 4 review that my predecessor set in motion in 2016
 5 concluded that wholesale change was not required. There
 6 were adaptions and modifications but the system did not
 7 need a root and branch rewriting in the terms that you
 8 put it.

9 As you know, the powers that came with the Transfer
 10 of Functions Order were not exercised immediately.

11 Q. On a related issue, the Welsh Government had never
 12 produced its own self-standing risk assessment process
 13 or risk assessment document setting out all the risks
 14 facing the Welsh Government in the same way that
 15 the United Kingdom Government did in London and we're
 16 aware that the Scottish Government did in Scotland.

17 Do you recall whether at this time of great change
 18 consideration was given to the production and
 19 publication for the first time of a Welsh-centric risk
 20 assessment process?

21 A. I don't think I could say to you I remember a specific
 22 discussion of that sort. I remember the general
 23 discussion, which is that for certain purposes it is
 24 sensible from a Welsh perspective to lie on -- to rely
 25 on the expertise and the capacity that the UK Government

170

1 obligation to produce a community risk register. So if
 2 I might just give you one example, the National Risk
 3 Register no doubt had things in it about what would
 4 happen in the event of an explosion at an oil refinery.
 5 Now, in the Dyfed-Powys part of Wales, that's
 6 a significant concern, given that there is
 7 a concentration of oil refineries. In the north of
 8 Wales that wouldn't be a very high consideration there
 9 being no oil refineries actually across the North Wales
 10 coast.

11 So the way in which we discharged the obligation,
 12 which I agree with is an important one, to localise and
 13 particularise the National Risk Register, was not at
 14 a Wales level but at the level of the four LRFs.

15 Q. That's exactly the point, isn't it, that the risk
 16 assessments were looked at solely in the context, at
 17 least formally on paper, of the four local resilience
 18 forums. There was no formal process by which the
 19 national Welsh Government could identify a risk in
 20 relation to which it may have to step in to deal with
 21 alongside the local resilience forum, the strategic
 22 co-ordinating group, and whatever regional partnership
 23 there might be?

24 A. I think you will find that in the -- and I've heard you
 25 used the word "labyrinthine" -- structures that exist,

172

1 actually there is a group which is chaired by the
 2 Welsh Government which brings the four LRF risk
 3 assessors together for this purpose. So while it's
 4 discharged at the LRF level, the Welsh Government is not
 5 in ignorance of the way that those community risk
 6 assessments are being produced because there is a coming
 7 together of the four LRFs under the chairing of
 8 a Welsh Government official in order to collect that
 9 back at an all Wales -- from an all Wales perspective.

10 Q. There is a Wales Resilience Forum at which such issues
 11 are debated?

12 A. Indeed.

13 Q. My point, though, Mr Drakeford, was concerned with the
 14 system of risk assessment. There is no process by
 15 which, formally, the Welsh Government gets to analyse
 16 the risks which its country faces -- which may have to
 17 be responded to not just by local resilience forums but
 18 by the Welsh Government itself -- in the way that there
 19 is for Scotland and for England?

20 A. No, for those purposes, we used the UK-wide risk
 21 assessment process.

22 Q. All right.

23 In October of 2018, at one of the meetings of that
 24 exact same body, the Wales Resilience Forum,
 25 Mr Drakeford, the then Cabinet Secretary for local

173

1 until 2023?

2 A. No.

3 Q. So that we can understand the chronology, it took the
 4 best part of 2018 for that review process to be
 5 initiated. The review was then hampered by the
 6 diversion of resources to what is now, by way of
 7 a familiar refrain, the necessary preparations for
 8 a no-deal EU exit, and then of course, after that,
 9 Covid.

10 Is it a matter of some regret that that review,
 11 which was obviously important, otherwise you wouldn't
 12 have ordered it, was not in the event able to be brought
 13 to fruition, and was not brought to fruition for
 14 a matter of years, there being at least 18 months from
 15 October 2018 to March 2020?

16 A. Well, of course it was a matter of considerable
 17 disappointment to us, because the Welsh Government had,
 18 as you said, worked hard to secure the transfer of those
 19 responsibilities, and to make sure that we were in
 20 a proper position to discharge them.

21 But by the time I became First Minister, I chaired
 22 my first Cabinet I think four days after becoming
 23 First Minister, and almost the whole of that Cabinet
 24 meeting is devoted to preparations for leaving the
 25 European Union without a deal. So by the time I became

175

1 government and public services agreed that a review of
 2 emergency planning governance and structures was
 3 required, I think, in order to ensure whether they were
 4 "fit for purpose".

5 You agreed, as First Minister -- because by December
 6 you had become the First Minister -- you had agreed that
 7 a comprehensive review should be undertaken which would
 8 develop a platform to support the new regulations.

9 So the answer, perhaps, to one of my earlier
 10 questions was that there was a recognition by you, on
 11 behalf of the Welsh Government but by you personally,
 12 that it was important to carry out a review to make sure
 13 that the system could cope with that transfer of powers?

14 A. I think I said, apologies if I glossed over it in
 15 an earlier answer, that my predecessor, on agreeing the
 16 transfer of functions, had initiated that review.

17 Now, by the time it came to make its way into
 18 sort of formal sign-offs, it had probably been overtaken
 19 by my arrival. But the initiation of it pre-dated my
 20 becoming First Minister.

21 Q. We believe that following that Wales Resilience Forum
 22 meeting, which didn't take place until October 2018, the
 23 matter formally did go to you as First Minister and you
 24 agreed that that review was necessary.

25 The review didn't, however, take place, did it,
 174

1 First Minister, the system was already turning its
 2 sights very firmly to a danger that was right in front
 3 of you and of very significant potential consequence.

4 Q. May we have, please, then that review, INQ000187580,
 5 please, of 2023.

6 There is the Review of Civil Contingencies in Wales.
 7 It says across it, or at least on the copy that we have,
 8 Mr Drakeford, in stern terms "Not government policy".
 9 We have been collectively a little troubled by that.

10 This is a review of civil contingencies in Wales ordered
 11 by the Welsh Government in part but jointly owned by
 12 a number of other organisations. Why is it necessary --
 13 or why does it say "Not government policy"? Is that
 14 because you haven't yet formally decided whether or not
 15 to give effect to its recommendations?

16 A. Well, I am imagining, rather than being certain on the
 17 specifics, but this would be the normal way of things
 18 happening in Wales. The document would be produced, we
 19 would wish the views of partners to be received on it,
 20 there may be, you know, aspects of it that the
 21 fire service, for example, to take just one example,
 22 might wish to draw to our attention. So while we would
 23 circulate the document to make sure that anybody with
 24 an interest can contribute to the final version, we make
 25 it clear to people that it's not, at that stage,

176

1 formally adopted as government policy.

2 Q. If we turn to page 33, please, we'll find the
3 recommendations, priorities and next steps.

4 The first one is a national assurance framework for
5 Wales to be developed with monitoring to be managed by
6 the Wales Resilience Board. So in fact a new body, not
7 the Wales Resilience Forum but the Wales Resilience
8 Board. In the right-hand column the authors of this
9 worthy document state that this is a matter that is
10 "Critical".

11 If we just go forward to page 35 we will see what is
12 meant by critical, although it may be thought
13 self-evident. There we are:

14 "Critical (Do Now) -- it is of the greatest
15 importance that action is taken immediately."

16 So going back to page 33, may we take it,
17 Mr Drakeford, that the authors of this report regarded
18 the absence of a national assurance framework for Wales,
19 that is to say a system by which all the moving parts in
20 the Welsh civil contingencies structure could be tested
21 to make sure they were up to scratch, was a matter of
22 the very greatest concern to which it was essential that
23 action be taken right away?

24 A. Well, it is self-evidently the views of the authors that
25 this is their most important recommendation. My own

177

1 that time. I was aware, because I've been involved in
2 some discussions, through the resilience forum, that
3 contemporary thinking is that that intermediate Welsh
4 level may need strengthening, and you see that in this
5 recommendation.

6 Q. On page 34, at number 13:

7 "Regional risk assessment should be used to define
8 a regional training and exercise regime to address
9 Wales-wide capability gaps or development needs."

10 Then over the page at 15, page 35, "centrally
11 managed training and exercise regime".

12 Now, plainly many of these recommendations must have
13 been formed as a result of the terrible experience of
14 Covid, but to the extent that they identify significant
15 changes in the Welsh structure for civil contingencies,
16 training, assurance, formal process of risk assessment,
17 does this not rather indicate that there were
18 pre-existing structural flaws in the civil contingencies
19 system in Wales, that is to say even before Covid?

20 A. I think I probably have two observations to make there.
21 First of all, I wouldn't necessarily interpret the fact
22 that a document says that skills and professional
23 development is needed as meaning that that didn't exist
24 previously.

25 Q. Agreed.

179

1 view would be that, nevertheless, that recommendation
2 has to be tested by others, given that its
3 implementation will rely upon the willingness of others
4 to make that contribution. So no doubt this will make
5 its way to my desk with final proposals and they may not
6 look identical to the ones that we see in front of us
7 this afternoon.

8 Q. The civil service in Wales will of course present this
9 to you along with their own views and no doubt seek
10 a decision from you.

11 Number 2, risk, we were just debating this very
12 issue a few moments ago:

13 "[The Welsh Government] and [the local resilience
14 forums] should work in partnership to interpret the UK
15 National Risk Register and adapt UK level risks to Wales
16 ... to identify upcoming and potential risks that would
17 significantly impact Wales ...

18 "Essential."

19 Does that go directly to the heart of the issue that
20 we were debating a few moments ago: the need for
21 a Welsh Government level input into the identification,
22 management, ownership of Welsh risks?

23 A. Yes, it does. I was careful in answering your earlier
24 questions to try to be clear that the view that the UK
25 risk register was adequate for the purpose was a view of

178

1 A. I think it is just a statement of the ongoing need to
2 make sure that that is part of the system. And I don't
3 think myself you can necessarily conclude that because,
4 in the light of new powers, changed circumstances, that
5 a report says that that now needs to be reflected in new
6 and strengthened systems, that that says that prior to
7 those things the system that was there was not fit for
8 the purposes which, at that time, were there to be
9 discharged.

10 Q. But, Mr Drakeford, the premise of that answer was that
11 this is recommending new and improved systems. Insofar
12 as the report recommended a national assurance
13 framework, a Welsh Government risk assessment procedure,
14 a provision of centrally managed training and exercise,
15 those were not improvements, they are standalone and
16 completely novel developments. They simply have never
17 existed hitherto.

18 A. And they reflect the report authors' view of what is
19 needed in Wales in 2023 rather than their reflection of
20 what was needed in 2018. I think that's the only point
21 I'm making, is that it is reflecting today's Wales,
22 today's circumstances, today's challenges.

23 Q. But these were challenges, of course, which have come
24 into focus as a result of Covid, but in terms of the
25 structural performance of the civil contingencies

180

1 structure in Wales, these are not new issues. The
 2 United Kingdom -- the London government had put into
 3 position over many years a system for national
 4 assurance, for National Resilience Standards -- my Lady
 5 heard evidence about the production of three different
 6 versions of those National Resilience Standards --
 7 a national resilience academy, a structure for training
 8 and exercising; they're all part and parcel of civil
 9 contingencies, are they not?

10 A. And the capacity to offer training and a number of those
 11 things existed right through the system. They are
 12 restated here in the contemporary circumstances.

13 Q. All right.

14 Risk registers. You'll know from the paperwork
 15 which we have provided you with that there were in
 16 existence corporate risk registers for the
 17 Welsh Government.

18 Please may we have up the first one, which is
 19 an issue which is January 2016, INQ000215556, page 1,
 20 column P5 -- or entry P5, row P5:

21 "Resilience (Major Emergencies):

22 "If we fail to provide leadership and co-ordination
 23 in ensuring Wales is prepared for and resilient to the
 24 full range of national hazards and threats which is
 25 faces then there is a risk to the health and well-being

181

1 control measures, by way of business continuity plan,
 2 disaster recovery arrangements, lessons are learned,
 3 emergency response protocols.

4 Dr Goodall, the permanent secretary to the
 5 Welsh Government, from whom we heard yesterday and
 6 today, acknowledged that, insofar as those measured
 7 purported to reduce the risk of disruption events,
 8 whilst worthy on their own -- in their own terms, they
 9 did not actually reflect the reality of the position on
 10 the ground, insofar as, although there were a multitude
 11 of plans, civil contingency, public health emergency,
 12 pandemic influenza plans, they had not been updated, and
 13 in the majority had not been updated since 2014, the
 14 disaster recovery arrangements were undermined by the
 15 fact that a significant number of recommendations from
 16 earlier exercises had not been implemented, lessons had
 17 not been fully learned from disruption events, and
 18 emergency response protocols, whilst the subject of some
 19 training and exercising, had not been scrutinised to the
 20 full.

21 Would you agree, therefore, that insofar as the
 22 Welsh Government sought to properly understand the risk
 23 of pandemic influenza, it went awry by virtue of relying
 24 upon mitigation measures which turned out not to be
 25 wholly accurate?

183

1 of its citizens."

2 A self-evident risk one might think.

3 There are then a list of controls identified as
 4 being the risk control measures or proposed mitigating
 5 actions, and if we could just go over the page, please,
 6 we will see the rubric, the notes which go with that --
 7 those scores, and explain what they all are.

8 If you go back, please, to page 1, there is, it
 9 appears, in this risk register, very little by way of
 10 specific identification of what the emergency that is
 11 pandemic influenza might consist of or the specific
 12 controls or countermeasures for pandemic influenza as
 13 opposed to major emergencies, civil contingencies, major
 14 events and so on.

15 Would you agree, Mr Drakeford?

16 A. I think that is -- that's a fair summary of what we see
 17 in front of us.

18 Q. If we then have a look at June 2019, INQ000215558, which
 19 is a single-page document -- and on this occasion please
 20 feel free to scroll in, the reference to risk
 21 description, disruption event affecting people, places,
 22 finances, communications and IT. If there is
 23 a significant disruption event the Welsh Government may
 24 struggle to recover its operations quickly and
 25 effectively. Then a number of mitigation measures,

182

1 A. Well, as far as the two documents that I've just seen
 2 are concerned, I think Dr Goodall is a more effective
 3 witness than I can be. Ministers are not responsible
 4 for the corporate risk register. I would expect it to
 5 be used by senior officials to draw the attention of
 6 ministers to areas where senior officials believe
 7 ministerial intervention would be necessary, but
 8 ministers do not routinely see and are certainly not
 9 directly responsible for the material that lies behind
 10 them. So Dr Goodall's evidence to you would be more
 11 useful to you, I think, than my own.

12 Q. All right.

13 Could you give us, then, some indication of the
 14 frequency with which the issue of the Tier 1 risk of
 15 a pandemic influenza was brought to the specific
 16 attention of the First Minister.

17 You were, as First Minister, ex officio the chair of
 18 the Wales Resilience Forum, and it's obvious that there
 19 are a number of Welsh Government documents in place.
 20 But how often was pandemic preparedness brought to you
 21 specifically as a priority worthy of your attention?

22 A. I wonder if I could just make one general point.

23 Q. Please.

24 A. Which is that I have struggled a little in reading
 25 documents again for today to distinguish between things

184

1 which I am learning as a result of preparation and
 2 things that I actually knew at the time, and I do not
 3 want to imply to you that because I know things now
 4 I necessarily knew them then.

5 Q. Of course.

6 A. So that is a line I've not always found it easy to
 7 completely walk down.

8 But I think I should probably say that, of course,
 9 by the time I'd become First Minister I have been, as
 10 you have said, engaged in the Welsh Government for --
 11 well, since the very start of devolution, and have lived
 12 through a whole series of emergencies, and having been
 13 the health minister particularly, I am maybe more alert
 14 to the risk of an influenza pandemic than I otherwise
 15 would have been.

16 So I am --

17 Q. Because of those emergencies that you had to deal with
 18 de facto?

19 A. Yeah, the history of being in the Welsh Government is
 20 constantly dealing with one sort of civic emergency or
 21 another. During the time that I was the Health
 22 Minister, for example, as well as the measles epidemic
 23 I was dealing with officials with a TB outbreak in the
 24 town of Llanelli, the Ebola outbreak happened while
 25 I was the Health Minister, and that is, you know,

185

1 completely beyond things like flooding, coal tip safety,
 2 cyber security incidents and all the other emergencies
 3 that you have to get drawn into.

4 By the time I became First Minister I was,
 5 therefore, aware, but I think as much because of the
 6 background of the fact that there was a Tier 1 risk and
 7 that pandemic influenza was and had been over many years
 8 repeatedly identified as the most likely risk to face
 9 the United Kingdom.

10 Q. In his witness statement to this Inquiry, Mr Gething
 11 said, as far as he could recall, preparedness was not
 12 a particular focus of interest or concern in the
 13 government, the Senedd or outside; but he became aware
 14 of it by virtue of his personal involvement in
 15 Exercise Cygnus.

16 Regardless of your own plainly established personal
 17 involvement as First Minister in the field of civil
 18 emergencies and including health emergencies, can you
 19 recall to what extent the civil servants brought to you
 20 or to your fellow ministers concerns about the state of
 21 preparedness for pandemic influenza?

22 A. Well, in my recollection it would almost always have
 23 been in the context of exercises that were carried out.
 24 So the 2014 Cygnus exercise happened when I was the
 25 Health Minister. That was, of course, the Welsh-only

186

1 exercise.

2 Q. Yes.

3 A. So while I share the same identical experience as
 4 Mr Gething, I don't think I was ever asked a single
 5 question on the floor of the Senedd or in any media
 6 interview on preparedness per se. That did not mean
 7 that when exercises took place and conclusions were
 8 being drawn from them that your attention as a minister
 9 was not drawn to them.

10 Q. In your witness statement for this Inquiry you say:

11 "I became First Minister in 2018 [that's obviously
 12 December 2018]. I do not recall any advice from
 13 officials that there were reservations about the state
 14 of Wales' pandemic preparedness, nor did I recall any
 15 concerns in the Senedd being raised with me."

16 May we take it from that that none of the issues
 17 that we've so far debated, the civil contingencies
 18 report of 2012, the issues about putting the
 19 recommendations from that into place, or, as you rightly
 20 observe, the outcome of Exercise Cygnus, the
 21 Wales-specific part of it in 2014 or the UK part of it
 22 in 2016, or exercise -- and the name has now completely
 23 escaped me -- Talie ...

24 A. Taliesin?

25 Q. Taliesin, I'm very grateful, Mr Drakeford.

187

1 None of those specific issues, we may take it, were
 2 brought to your attention because they all preceded,
 3 of course, you becoming First Minister, and if you never
 4 received advice or you can't recall advice about
 5 reservations and the state of pandemic preparedness, it
 6 must follow that none of those specific matters were
 7 brought to your attention?

8 A. Not at the point that I became First Minister, but, as
 9 I've tried to indicate, I would have been aware of them,
 10 having been involved in those events throughout that
 11 period.

12 Q. But your own personal knowledge of the state of affairs
 13 or the state of play of the civil contingencies system
 14 can't be translated into executive action on the part of
 15 the government or a determined attempt to try to improve
 16 the position, that's not within your capability, is it?
 17 You may have known of problems or flaws in the system,
 18 but unless the government around you identifies those
 19 flaws and determines it will act upon them, nothing is
 20 likely to be done, is it?

21 A. So just to try and make myself plainer, if I can: by the
 22 time I've become First Minister I'm not unaware of the
 23 issues that have been faced by the Welsh Government or
 24 the exercise in which the Welsh Government has been
 25 involved. When I become First Minister I do not receive

188

1 advice from the civil service that says, "You need to be
 2 particularly aware of difficulties that we are now
 3 experiencing in these fields".

4 Q. Thank you.

5 We have heard something of task and finish
 6 committees being instituted in order to ensure that
 7 recommendations from exercises and outbreaks are learnt.
 8 Following swine flu, the Wales Resilience Partnership
 9 Team agreed to set up the Wales pandemic flu task and
 10 finish group to consider recommendations from the 2009
 11 swine flu pandemic.

12 Were you aware that that committee was unable to
 13 finish its task because the recommendations were not all
 14 fully implemented?

15 A. I could not say that I was -- that I recollect being
 16 aware of that specific issue.

17 Q. All right. There was a review in 2013 called the
 18 Pollock review which investigated ironically why lessons
 19 weren't being learned, and as a result of that review
 20 the Wales Learning and Development Group was formed, and
 21 a decision was taken to apply something called Joint
 22 Organisational Learning strategy.

23 But then Exercise Cygnus came along, both in 2014
 24 and 2016, and the Wales Resilience Partnership Team
 25 delegated the responsibility of implementing

189

1 recommendations to yet another body, the Wales Pandemic
 2 Flu Preparedness Group.

3 That group met in September 2017, but didn't meet
 4 again after January 2018. Were you aware when you
 5 became First Minister in December 2018 that that primary
 6 group for the implementation of the recommendations from
 7 Cygnus, whilst sitting in September 2017, never sat
 8 after January 2018?

9 A. I'd want to check my own recollection, but I actually
 10 believe it met in as late as October of that year.

11 Q. October 2018?

12 A. 2018, yes, I believe that was the final meeting before
 13 its resources were directed into the no-deal Brexit
 14 exercise, rather than the January.

15 Q. All right. Well, we'll double-check that, of course.

16 A. Thank you.

17 Q. But the point remains, doesn't it, that the workstreams
 18 which were identified after Exercise Cygnus in 2016 were
 19 not all fully implemented because the body designed to
 20 ensure implementation, the Wales Pandemic Flu
 21 Preparedness Group, didn't sit -- we'll agree to
 22 disagree whether it was after January or October 2018 --
 23 because of the impact of the no-deal EU exit planning?

24 A. Yes, I think the expert report that the committee --
 25 that the Inquiry has says that devolved administrations

190

1 did pursue pandemic preparedness, and that in Wales it
 2 went on for two years after the Cygnus conclusions were
 3 reached, but you reach a point at which we are diverting
 4 resources across the whole of the Welsh Government into
 5 dealing with the dangers that are sitting right in front
 6 of us of leaving the European Union without a deal.

7 Q. But obviously this Inquiry is concerned exclusively with
 8 civil contingency emergency preparedness; from that
 9 standpoint, those recommendations were never fully
 10 implemented?

11 A. That is without doubt. I simply make the point that
 12 government is never exclusively concerned with any one
 13 strand in the many challenges that it has in front
 14 of it.

15 Q. Indeed.

16 A. You can't understand the way the government responds
 17 unless you are aware of the context within which it is
 18 responding.

19 Q. Pandemic preparedness is self-evidently a matter of life
 20 and death, is it not?

21 A. Yes.

22 Q. To what extent was that terrible balance identified
 23 between focusing upon the life and death consequences of
 24 pandemic preparedness and the consequences of failing to
 25 prepare for a no-deal EU exit?

191

1 A. Apologies if this answer is slightly longer than some of
 2 the ones I've tried to give.

3 So at the point when the UK Government decides to
 4 institute Operation Yellowhammer and we are now facing
 5 the reality of leaving the European Union without
 6 a deal, with all the consequences that that would have
 7 had for Wales, I am making a decision, along with my
 8 colleagues, to divert resources to deal with that.

9 The number of people we have in the Welsh Government
 10 who have genuine expertise in civil contingency matters
 11 is relatively modest, and their skills are particularly
 12 relevant to preparing for leaving the European Union
 13 without a deal. To give you just one example, Wales has
 14 reservoirs that serve not simply the Welsh population,
 15 but the whole of Birmingham and the whole of the
 16 northwest of England. The chemicals that you rely on to
 17 make that water safe to drink come from Germany, and
 18 while we were a member of the European Union they came
 19 without hindrance and they came on an "as they were
 20 needed" basis. We faced a real risk that if we left the
 21 European Union without a deal, that water supply would
 22 no longer be usable. That is the sort of present danger
 23 that you are talking about. It is absolutely real,
 24 would be immediate, and would have absolutely direct
 25 results on the lives of people.

192

1 Who do we look to in the Welsh Government to help us
 2 to find a way through that if we need to? Well, some of
 3 those people would need to be people who had the
 4 expertise in preparing and thinking about, and indeed,
 5 in the Welsh context, practically responding to the
 6 other emergencies we had already faced.

7 Q. To what extent was that balance brought to your
 8 attention, Mr Drakeford? And the point that you make
 9 is, if I may say so, very well made. You were faced
 10 with present and immediate risks, which of course you
 11 had to address. But it's in the way of government,
 12 isn't it, that you get on with addressing the job in
 13 hand? To what extent were you aware that that
 14 necessarily was diverting resources away from other less
 15 present but perhaps more catastrophic risks? Was it
 16 an issue on which they sought your advice?

17 A. I am very consciously aware of it, and I am consistently
 18 aware of it because I'm forever having to disappoint my
 19 colleagues, who have ambitions in their own portfolio
 20 areas, pieces of legislation that they are committed to
 21 bringing forward, for example, and my job is to explain
 22 to them why that will now not be possible. I'd do that,
 23 you know, month after month, throughout the whole of
 24 2019, always to their disappointment.

25 So yes, the diversion of resources from other
 193

1 priorities to dealing with leaving the European Union
 2 without an agreement, it's a very conscious set of
 3 decisions, and constantly debated as well, as to whether
 4 we are getting that balance right.

5 Q. May we take it from that answer, Mr Drakeford, that you
 6 were, therefore, aware of the consequential impact upon
 7 pandemic preparedness because of the necessary diversion
 8 of resources, that it was an area that was brought to
 9 your attention and in relation to which you were forced
 10 into the Hobson's choice, perhaps, of saying, "That area
 11 can no longer be resourced and it simply cannot be the
 12 subject of focus because of this other greater risk that
 13 we face"?

14 A. Well, it cannot be resourced to the extent that it
 15 previously was being resourced. It's not the case that
 16 you rob everything away from it. Work does continue
 17 even beyond the end of December 2018, but you've had to
 18 reduce the resource in order to deal with something that
 19 is immediate and pressing and potentially catastrophic
 20 in its impact if you're not able to deal with it.

21 LADY HALLETT: Mr Keith, forgive my interrupting. How are
 22 we doing for time? Because obviously we need a break.

23 MR KEITH: It's a very convenient point.

24 LADY HALLETT: We are determined to complete your evidence
 25 today, Mr Drakeford, don't panic.

194

1 THE WITNESS: Thank you.

2 LADY HALLETT: So I shall return at 4.10, just a five-minute
 3 break.

4 (4.05 pm)

5 (A short break)

6 (4.10 pm)

7 MR KEITH: Mr Drakeford, turning to the question of guidance
 8 and strategies and plans, you are of course aware that
 9 the United Kingdom 2011 document, the influenza
 10 preparedness strategy, formed the genesis for all the
 11 civil contingency and major infectious disease pandemic
 12 related documentation in Wales, and therefore was
 13 similarly tainted -- they were all similarly tainted by
 14 the same doctrinal or strategic flaws, as my Lady finds
 15 them to be. What was sauce for the goose was sauce for
 16 the gander doctrinally for all that material, wasn't it?

17 A. The plan was an inadequate basis for dealing with the
 18 events that subsequently unfolded, but not wholly
 19 inadequate. There were aspects of it which were still
 20 useful, but it clearly did not stand up to its major
 21 test.

22 Q. It went beyond that, though, didn't it, because there
 23 was a complete failure to address issues such as the
 24 inherent characteristics of respiratory viruses, the
 25 consequences of differing incubation periods, differing

195

1 transmission rates, differing viral loads and so on, and
 2 of course all the associated countermeasures which might
 3 prove to be necessary to deal with such a virus; all
 4 that was absent?

5 A. All of that is absent, and there are other aspects that
 6 the plan turned out not to have grappled with adequately
 7 either.

8 Q. Yes. The Pan-Wales Response Plan of 2019, even by 2019,
 9 was tainted by the same doctrinal flaws. It doesn't
 10 itself or didn't itself in fact contain much in it by
 11 reference to pandemic planning, because although there
 12 was a section on terrorism and the threat of terrorism,
 13 there was no analogous section on influenza pandemic,
 14 was there?

15 A. It is a generic document intended to cover the range of
 16 potential emergencies that might be faced in Wales, so
 17 in that sense it doesn't operate at that level of
 18 specificity, that is true.

19 Q. So in summary, Mr Drakeford, by the onset of the
 20 pandemic in January 2020, the government -- not you
 21 personally but the government -- had failed to address
 22 many of the problems identified in the Wales audit
 23 office report of 2012 in relation to the complexity of
 24 the Resilience Framework, problems with inefficiency and
 25 ineffectiveness, doubts over the availability and

196

1 maintenance of physical assets in human resources.
 2 It had failed to implement all the recommendations
 3 from Exercise Taliesin and the two Cygnus exercises.
 4 There hadn't been any significant recalibration of the
 5 structural system following the Transfer of Functions
 6 Order. None of the pandemic or disease outbreak or
 7 civil contingency paperwork that mattered had been
 8 updated. Then, of course, materially some of the final
 9 workstreams arising from the Wales Pandemic Flu
 10 Preparedness Group were blown off course by the
 11 preparations for a no-deal EU exit.

12 So, in the round, would you agree that there were
 13 and there continued to be significant failings over that
 14 eight-year period?

15 A. There's no doubt at all that there were failings.
 16 I think the way that you set them out would, to my mind,
 17 give an unduly bleak account of some of the things that
 18 had happened over that period. So while some things had
 19 failed to be followed through, it was a failure in part
 20 rather than in whole.

21 When you say that the system had not taken the
 22 lessons in terms of effectiveness, in fact the system
 23 was very, very regularly tested in reality, including to
 24 a very major extent in February of 2020, and
 25 demonstrated that it was very effective in dealing with

197

1 real life civil emergencies in Wales.

2 So while I don't dissent at all from your general
 3 conclusion that there were things that ought to have
 4 been done and could have been done that hadn't been
 5 done, I think to describe it entirely in those terms is
 6 to overlook some of the things that positively had
 7 happened and the successful way in which the system in
 8 Wales demonstrated its ability to respond when real
 9 emergencies arose.

10 Q. Let me make it absolutely plain, Mr Drakeford, it forms
 11 no part of this examination to question the remarkable
 12 individual response, of course, from all those who
 13 responded in the face of the pandemic, and of course
 14 it's quite plain that the Welsh Government was able to,
 15 in material regard, respond efficiently to the terrible
 16 demands made on it. But the fact that it was able to
 17 respond is neither here nor there in terms of the
 18 consideration of whether or not structurally the system
 19 of preparedness, in advance of the pandemic, was simply
 20 not as good as it should have been and therefore the
 21 Welsh Government was not as prepared as it could have
 22 been. Would you agree?

23 A. Put like that, I would agree, yes.

24 Q. Right.

25 Could I now ask you, please, some questions about
 198

1 links to the United Kingdom at a ministerial and medical
 2 level.

3 The Hine review in July 2010 made a multitude of
 4 recommendations about how health ministers should meet
 5 pan UK in order to address matters of mutual concern.

6 Was it your experience that at that level, the
 7 health minister level, the relations between Wales and
 8 the Westminster government worked well?

9 A. No, I wouldn't characterise them as working well. What
 10 they --

11 Q. Why not?

12 A. -- lacked was a systematic basis for engagement, and
 13 this has long been my complaint about intergovernmental
 14 relations in the United Kingdom, that they rely far too
 15 often on individual willingness to work in that way,
 16 whereas what you need is a robust system of machinery of
 17 government that brings people to the table for common
 18 purposes, whether individuals are so inclined or not.

19 Q. You've referred then expressly to ministers. I was
 20 actually asking you about at the health level. Does
 21 what you say apply, therefore, to all forms of Welsh
 22 ministers, so the First Minister, health ministers and
 23 other ministers, or does it also apply to the health
 24 official level, so, for example, relations between the
 25 Chief Medical Officers?

199

1 A. At official level, much work goes on day in, day out in
 2 a perfectly orderly and engaged way, and I think you've
 3 got good examples in the way the Chief Medical Officers
 4 at that top of the profession level worked together as
 5 well. I was trying to explain my long-held view that
 6 the United Kingdom lacks, at that ministerial
 7 intergovernmental level, a sufficiently robust,
 8 reliable, regular pattern of engagement that does not
 9 rely on the individual predilections of particular
 10 players either to become engaged or not to become
 11 engaged.

12 Q. In effect, a system that doesn't rely on ministerial
 13 whim as to whether or not a meeting will take place at
 14 all?

15 A. Well, I would give you a good example, if I could. When
 16 I became the Finance Minister, I took a telephone call
 17 at his initiative from the Chancellor of the Exchequer,
 18 Philip Hammond at the time. We agreed that day-to-day
 19 the relationships will be between myself and the Chief
 20 Secretary to the Treasury, but he made it clear in that
 21 call that at any point if I needed to speak directly to
 22 him about an issue, he would always be available to take
 23 that call.

24 That is a good example of where a particular
 25 minister with a predilection to co-operate in that way
 200

1 made it clear that he wanted to do so. The system ought
 2 not to rely on individual willingness of that sort.
 3 Q. There is evidence to suggest that consideration was
 4 given at some stage to the setting up of a health
 5 ministers forum to provide a structure of the type that
 6 you've described. Do you know why that never came to
 7 pass?
 8 A. Well, there is a JMC mechanism, a joint ministerial
 9 committee mechanism. It operated very well in certain
 10 contexts, it didn't operate at all in others. It didn't
 11 operate in the Health context and during the time that
 12 I was the Health Minister in Wales. While we enjoyed,
 13 I would say, very good relationships with Jane Ellison,
 14 who was a Conservative minister in charge of public
 15 health and who led the Ebola response, that was absent
 16 at the level of the Secretary of State.
 17 Q. The JMC system has always existed, and it may or may not
 18 operate effectively depending on perhaps the whim of the
 19 contributors, but I am asking about a particular body,
 20 a health ministers forum, which was debated after the
 21 Hine review in 2010. Do you know what became of those
 22 proposals or why nothing in practice was done?
 23 A. I would say there was no appetite on the part of
 24 UK Government ministers to establish such a forum. The
 25 initiative lies with them in a JMC context.

201

1 ministers for example could be one. I myself do not
 2 believe that that tier has operated in the way that the
 3 intergovernmental review mechanism anticipated. It has
 4 been at best hit and miss.

5 **LADY HALLETT:** Is that because health is such a party
 6 political issue? Why do you think, Mr Drakeford?
 7 A. It will be wider than health, and my own view is, is
 8 that where there were pre-existing relationships, they
 9 have continued. So there's always been a strong
 10 interministerial group around farming and environment
 11 and rural affairs, and that has continued to meet under
 12 the new regime and to do so regularly. Where there is
 13 no history of engagement of that sort, the new machinery
 14 has not succeeded in sparking those arrangements into
 15 life.

16 So I don't think it's particularly to do with health
 17 or the politically contested nature of health. I think
 18 there's no history of it in health, and as in other
 19 parts of Whitehall where there is no history, the new
 20 intergovernmental arrangements haven't succeeded in
 21 generating new forms of interaction.

22 **MR KEITH:** It does appear, however, to be an improvement on
 23 what went before?
 24 A. It is systematic, it has an independent secretariat, it
 25 has an independent means of resolving disputes. All of

203

1 Q. Right. So it wasn't a lack of initiative on the Welsh
 2 part; the problem lay on the UK side, you believe?
 3 A. Under the JMC mechanism, the initiative lies in the
 4 hands of UK ministers.
 5 Q. There has since been a review of intergovernmental
 6 relations, it took place in 2022. I think it was
 7 commissioned in 2018, so it didn't proceed terribly
 8 quickly. Do you know whether or not, as First Minister,
 9 there have been any meetings of the interministerial
 10 group or the standing committee or the secretariat for
 11 which that new process provides?
 12 A. It is a three tiered structure.
 13 Its pinnacle is a council of ministers, that's the
 14 First Ministers and the Prime Minister. It has met
 15 once, but not in full form because there has not been
 16 a First Minister of the Northern Ireland Executive since
 17 the agreement was struck, but the current
 18 Prime Minister, Mr Sunak, has presided over one meeting
 19 of the council.
 20 The intermediate tier has the F:ISC, the finance
 21 interministerial committee, that does meet regularly,
 22 and then it has another standing committee that has met
 23 more intermittently.
 24 Then at the third tier there will be the sort of
 25 meeting between specific portfolio ministers, health

202

1 those are improvements. I was glad to be able to sign
 2 the document.

3 Q. Good.
 4 There is also, in the field of resilience, a new
 5 forum, the UK Resilience Forum, in relation to which the
 6 Deputy Prime Minister Oliver Dowden gave evidence now
 7 some time ago. There have been three meetings of that
 8 UK Resilience Forum. The Welsh Government attended the
 9 first one in July 2021 and it attended the third one in
 10 February 2023, but was absent with apologies from the
 11 May 2022 meeting. Do you happen to know why, unusually,
 12 the Welsh Government, given the attendance of other
 13 entities, absented itself from that meeting?
 14 A. I think it's important to say that while it is
 15 ministerially chaired, that forum, it is not
 16 a ministerial meeting.
 17 Q. No, indeed not.
 18 A. The Welsh Government is represented by senior officials.
 19 I have made enquiries as to why we were not represented
 20 that day, alongside almost a dozen other bodies, and the
 21 information that I received was that our officials felt
 22 that the agenda that day was an agenda in which they
 23 were already engaged in other forums and that on that
 24 day couldn't command a priority in their dairies.
 25 But, as you say, they were at the first and third

204

1 meetings and it's our intention to continue to be
 2 involved.

3 Q. If all these bilateral or multilateral meetings or fora
 4 are to work, then of course it requires the
 5 participation of all the parties and effort to be made
 6 to attend; I'm sure you'd agree with that notion?

7 A. I do.

8 Q. The final topic, Mr Drakeford, concerns inequalities.

9 There is evidence that the Welsh Government has
 10 devoted a great deal of time and energy to ensuring
 11 an improvement in prospects economically, societally, on
 12 the part of its citizens and its communities. It does,
 13 nevertheless, appear that, in the field of pandemic
 14 preparedness, civil emergency planning, very little
 15 attention was given to the issue of how a pandemic would
 16 affect sectors of the community disproportionately, and
 17 how steps could be taken to ensure that the impact on
 18 those who are vulnerable and marginalised could be
 19 mitigated. Would you agree?

20 I should say that it is a flaw that is apparent from
 21 the analogous papers, guidance, doctrine, strategies in
 22 Scotland and in London.

23 A. I should say at the outset that addressing inequalities
 24 is absolutely in the bloodstream of successive
 25 Welsh Governments. I spent a great deal of my time in

205

1 have granted permission to Covid-19 Bereaved Families
 2 for Justice Cymru to ask five minutes' worth of
 3 additional questions.

4 **LADY HALLETT:** Ms Heaven.

5 **Questions from MS HEAVEN**

6 **MS HEAVEN:** Thank you, my Lady.

7 First Minister, my name is Kirsten Heaven and, as
 8 I think you know, I represent the Bereaved Families for
 9 Justice Cymru.

10 I just want to ask you really about one very small
 11 topic around some discussions in 2013, but before we get
 12 there, can I please clarify some things from your
 13 statements about some of the jobs and political roles
 14 you've held.

15 So what you tell us in your statement is from 2000
 16 you became a special adviser for health and social
 17 policy, I think that was to Rhodri Morgan, and I think
 18 at that time you had some experience of the SARS
 19 outbreak; is that correct?

20 A. That is correct.

21 Q. We know obviously that you were elected in 2011. Can
 22 I just ask, where were you, politically, in 2009 when
 23 swine flu broke out?

24 A. I was still a special adviser to the Welsh Government.

25 Q. Okay. Were you a special adviser in a health role still

207

1 the very first Assembly term working with
 2 Professor Peter Townsend who was the -- probably the
 3 world's leading expert on health inequalities at the
 4 time to get his advice to address those issues in Wales.

5 I think there is evidence you will have seen from
 6 Dr Sandifer, who has given evidence, and the advice of
 7 Public Health Wales to us was, that while you had to be
 8 aware of the unequal impact of a pandemic on the
 9 population, it was very difficult to anticipate in
 10 advance of the particular nature of that pandemic where
 11 those inequalities would most fall.

12 So while there is evidence in the documentation of
 13 awareness of inequality and the way in which a pandemic
 14 would exaggerate existing inequalities and therefore had
 15 to be planned for from the outset, the more granular
 16 planning, which groups would be affected, how would you
 17 respond to them, you'd have to do that when the nature
 18 of the pandemic you were dealing with became more
 19 apparent. You -- it just wouldn't be possible to plan
 20 without that greater knowledge.

21 I think that was the advice that Public Health Wales
 22 would have given to us and I think has given to
 23 the Inquiry.

24 **MR KEITH:** Thank you, Mr Drakeford.

25 My Lady, those are all my questions. I believe you
 206

1 at that time or were you in a different role?

2 A. I was the head of the First Minister's political office
 3 at that time.

4 Q. But would it be fair to say you knew about the fact of
 5 swine flu?

6 A. Oh, I did, and I attended, in that advisory capacity,
 7 a number of meetings between Scottish, UK, Welsh and
 8 Northern Irish ministers.

9 Q. 2011 to 2013, we know that you were the chair of the
 10 Welsh Assembly Health and Social Care Committee. We
 11 also know, obviously, that there was a MERS outbreak in
 12 April 2012. Did that come up when you were chairing the
 13 committee at all, do you recollect?

14 A. It would only have come up in this way: that I think,
 15 from recollection, once a term, so three times a year,
 16 the minister responsible would appear in front of the
 17 committee for what is called general scrutiny, in which
 18 any topic of the day could be raised and the minister
 19 asked questions. That would have been the opportunity
 20 for the committee to hear on that matter.

21 Q. But do you recollect whether or not that happened now?

22 A. I --

23 Q. You can't?

24 A. Without looking back, I can't recollect here.

25 Q. But did you know that there had been such a thing called

208

1 MERS, either then or later, when you became Minister for
 2 Health?

3 A. I would have been aware of it, yes.

4 Q. You also say in your statement that you had experience
 5 of Ebola, and you've mentioned that briefly today, and
 6 I think that was when you were Health Minister --

7 A. Yes.

8 Q. -- is that fair?

9 And, just to be clear, you became --

10 LADY HALLETT: Ms Heaven, sorry, I've been asked to ask you
 11 to slow down. I appreciate --

12 MS HEAVEN: Sorry, I know I --

13 LADY HALLETT: Don't worry, I know you're trying to keep to
 14 the timing.

15 MS HEAVEN: I'm trying to get through.

16 LADY HALLETT: Don't worry, I'll let you off if you run over
 17 if you slow down.

18 MS HEAVEN: I will. Sorry, I'm just trying to stick to the
 19 time.

20 LADY HALLETT: Yes.

21 MS HEAVEN: To be clear, March 2013 was, I think, when you
 22 became elected Minister for Health; is that right?

23 A. Correct.

24 Q. Okay.

25 So yesterday Frank Atherton was taken to some
 209

1 that Wales could see the emergence of such a novel
 2 virus, and he talks about little background immunity,
 3 that a vaccine may not work or it may not be available.
 4 There is then a reference to virulence and
 5 transmissibility in the context of the 1918 Spanish flu,
 6 and there is also a reference to swine flu.

7 So in other words, he is talking about virulence and
 8 transmissibility with the potential for fast
 9 transmission and a very high death rate.

10 Now, as I've said, you were not at this meeting, we
 11 know that, but given that there is no reference in your
 12 witness statement to HEPU or this specific meeting or
 13 the gist of this information, is it safe for us to
 14 assume that you were not aware that these matters were
 15 being discussed either in this conference or in general
 16 terms, and that's in relation to a novel virus or
 17 a Disease X, as it's been referred to in this Inquiry;
 18 would that be a fair assumption?

19 A. I think it would be fair. I was aware of the
 20 conference, I've seen the report of Dr Watkins'
 21 contribution since, but I don't think I would be likely
 22 to have been alerted to it at the time.

23 Q. So in other words you were not briefed?

24 A. Not on the contribution of a single speaker at a single
 25 conference, and I wouldn't expect to be.

211

1 minutes from the Health Emergency Preparedness Unit, so
 2 that's HEPU for short, and these related to a pandemic
 3 planning yearly conference in October 2013. They were
 4 chaired by David Goulding, who was head of HEPU. Now,
 5 there was no suggestion, just to be clear, that you were
 6 at this conference. We know that HEPU sits within the
 7 Health and Social Services Group and it reports to the
 8 Welsh Government.

9 So by the stage of October 2013 I think you had been
 10 in post for seven months. Is it safe to assume that by
 11 this stage you knew about the fact that HEPU existed and
 12 the general nature of its work?

13 A. I would have known Mr Goulding prior to becoming the
 14 Health Minister, so I would have been aware of his work
 15 and the unit, yes.

16 Q. Now, what's interesting about this 2013 conference is we
 17 can see that a talk was given by somebody called
 18 a Dr John Watkins, and I won't bring it up just to save
 19 time, but I'll summarise the gist of what I want to ask
 20 you about.

21 Now, we understand he's a consultant or he was then
 22 a consultant epidemiologist in Public Health Wales, and
 23 he is telling this conference about how current threats
 24 include a novel virus, and he says that that pandemic
 25 influenza planning assumptions in Wales must consider

210

1 Q. No. But just thinking generally about your state of
 2 knowledge on this, obviously you'll appreciate why I'm
 3 asking, it's a very important topic: novel virus,
 4 Disease X, it's being talked about as a possible risk in
 5 2013 in Wales. We obviously know that you went on to
 6 become First Minister for Wales, you went on to chair
 7 the Wales Resilience Forum. Did you, as either
 8 a Health Minister or even in your capacity as
 9 First Minister for Wales, specifically ask your
 10 officials -- be it David Goulding or somebody in Public
 11 Health Wales -- about the risk of a novel virus or
 12 a Disease X breaking out in Wales and whether Wales was
 13 prepared? So did you ask that question of anybody?

14 A. No.

15 Q. Given your long experience in health and given what you
 16 had seen of the dangerous viruses that I've set out,
 17 would you not accept today that that was an obvious and
 18 basic question that you could and should have asked?

19 A. I don't think I would accept it on those terms, because
 20 I would have asked myself what sort of answer I was
 21 likely to have received, other than to recognise that
 22 there are a plethora of unknowns out there that you need
 23 to be aware of, and that you need to have sources of
 24 information about, and I doubt that the answer would
 25 have gotten me much further than that.

212

1	Q.	But the point is you didn't ask the question, did you?	1	
2	A.	I've --	2	
3	Q.	Forgetting what the answer might have been, you didn't	3	
4		ask the question?	4	
5	A.	I didn't ask the question. You said to me that was not	5	
6		a reasonable thing --	6	
7	Q.	Okay.	7	
8	A.	-- to have done, and I was explaining -- trying to	8	
9		explain why I didn't ask the question.	9	
10	MS HEAVEN:	Those are all my questions. Thank you very	10	
11		much, First Minister.	11	
12	THE WITNESS:	Thank you.	12	
13	LADY HALLETT:	Thank you very much, Ms Heaven.	13	
14		Mr Keith.	14	
15	MR KEITH:	My Lady, that concludes the evidence for today.	15	
16	LADY HALLETT:	Thank you very much indeed, Mr Drakeford.	16	
17	THE WITNESS:	Thank you.	17	
18	LADY HALLETT:	The next time we meet I think will be in	18	
19		Wales.	19	
20	THE WITNESS:	Wales. Excellent. Thank you.	20	
21	LADY HALLETT:	Thank you for your time.	21	
22		(The witness withdrew)	22	
23	LADY HALLETT:	10 o'clock tomorrow?	23	
24	MR KEITH:	Yes, please.	24	
25	(4.40 pm)		25	

213

214

1	INDEX	
2		PAGE
3	DR ANDREW GOODALL (continued)	1
4	Questions from LEAD COUNSEL TO THE	1
5	INQUIRY (continued)	
6	Questions from MS HARRIS	46
7	Further questions from LEAD COUNSEL	57
8	TO THE INQUIRY	
9		
10	DR QUENTIN SANDIFER (sworn).	58
11	Questions from COUNSEL TO THE INQUIRY	58
12	Questions from MS SHEPHERD	102
13		
14	MR VAUGHAN GETHING (affirmed)	107
15	Questions from COUNSEL TO THE INQUIRY	107
16	Questions by MS SHEPHERD	145
17		
18	MR MARK DRAKEFORD (affirmed)	154
19	Questions from LEAD COUNSEL TO THE	154
20	INQUIRY	
21	Questions from MS HEAVEN	207
22		
23		
24		
25		

215

(54) Pages 213 - 215

	10 [1] 73/8 10 am [1] 214/1 10 o'clock [1] 213/23 10.00 am [1] 1/2 10.9 weeks [1] 143/10 100 [1] 2/3 11 [5] 31/9 56/14 166/9 166/18 167/3 11.1 [1] 53/3 11.22 am [1] 58/8 11.40 [1] 58/6 11.40 am [1] 58/10 12 [10] 9/13 18/7 18/11 18/13 18/20 19/9 37/13 37/14 37/18 37/19 12 weeks [1] 150/4 12 years [3] 97/20 97/23 98/8 12,000 [1] 150/17 12.58 pm [1] 107/1 128 [1] 48/1 13 [5] 29/2 88/9 104/1 104/10 179/6 13 May 2021 [1] 16/18 13 November [1] 31/19 14 [1] 105/6 14.5 [1] 98/23 14th [2] 35/17 36/2 15 [2] 39/15 179/10 15 weeks [4] 142/12 144/1 144/4 148/22 15 weeks' [1] 55/22 15,000 [1] 150/17 152.9 million [1] 61/24 17 December [1] 76/23 18 months [1] 175/14 18 November 2009 [1] 28/19 18 October 2017 [1] 102/24 18th [1] 35/17 19 [12] 46/20 46/25 102/4 102/15 105/25 121/17 142/22 143/14 145/8 145/16 150/3 207/1 19 April [1] 107/14 1918 [1] 211/5 196 [1] 64/10 1984 [1] 158/25 1995 [5] 96/13 96/23 97/1 97/3 97/14	2,257 deaths [1] 150/2 2.50 pm [1] 154/10 20 [2] 9/9 107/13 2000 [1] 207/15 2003 [1] 107/19 2004 [2] 62/24 157/22 2006 [3] 59/11 103/4 105/11 2007 [4] 96/17 96/18 97/7 97/15 2008 [4] 41/14 95/1 95/6 96/4 2009 [12] 26/13 28/19 59/9 60/2 61/23 62/4 70/25 72/21 126/21 127/1 189/10 207/22 2010 [6] 4/10 61/23 64/18 168/8 199/3 201/21 2010/2011 [1] 62/5 87/20 96/6 96/8 96/13 96/20 96/23 97/1 97/8 107/21 112/20 146/9 195/9 207/21 208/9 2012 [13] 42/25 46/12 60/16 72/21 164/23 165/3 165/11 167/8 168/17 169/1 187/18 196/23 208/12 2013 [10] 107/23 155/7 189/17 207/11 208/9 209/21 210/3 210/9 210/16 212/5 2014 [38] 7/25 17/23 18/23 19/25 30/1 31/6 31/8 34/12 34/25 52/12 52/14 53/16 53/21 54/6 60/3 63/8 63/18 64/2 65/9 65/19 72/21 75/9 76/3 87/10 92/4 94/17 95/4 96/8 107/24 108/10 114/24 127/13 127/18 148/16 183/13 186/24 187/21 189/23 2015 [4] 63/8 64/2 128/11 129/4 2016 [33] 34/23 35/3 35/8 35/9 38/12 39/5 40/13 63/18 67/2 72/19 72/21 76/3 79/10 108/1 108/11 109/18 110/4 110/16 119/12 120/20 129/1 129/5 129/9 129/18 131/8 131/21 132/1 155/9 170/4 181/19 187/22 189/24 190/18	24hrs [1] 77/16 25 [3] 9/9 19/6 98/18 27 February [1] 58/22 3 3 o'clock [1] 154/9 3.00 pm [1] 154/12 3.7 [1] 169/11 31 [1] 89/15 31 May 2020 [1] 150/3 33 [2] 177/2 177/16 34 [1] 179/6 35 [3] 140/21 177/11 179/10 37 [1] 119/4 387,000 [1] 63/8
MR KEITH: [15] 1/5 13/13 19/10 46/18 57/3 57/8 58/4 154/14 154/17 194/23 195/7 203/22 206/24 213/15 213/24			4
MS BLACKWELL: [17] 58/12 58/16 59/1 59/5 102/6 106/16 106/23 107/5 107/9 112/18 124/15 140/18 140/20 144/17 153/20 154/1 154/6			4 July 2023 [1] 1/1 4.05 pm [1] 195/4 4.10 [1] 195/2 4.10 pm [1] 195/6 4.3 weeks [1] 143/11 4.40 pm [1] 213/25 41 [1] 61/10 41 million [1] 62/2 41.5 million [1] 61/23 48 hours [1] 27/1
MS HARRIS: [2] 46/24 56/25			5
MS HEAVEN: [6] 207/6 209/12 209/15 209/18 209/21 213/10			5 July 2023 [1] 214/2 5.2 [1] 77/10 5.5 weeks [1] 143/9 50 [1] 148/20
MS SHEPHERD: [7] 102/14 104/6 104/10 106/12 145/13 145/15 153/18			6
THE WITNESS: [6] 106/18 153/24 195/1 213/12 213/17 213/20			6 December 2012 [1] 164/23 67 [1] 130/17
'			7
'act [1] 10/24			78 [1] 64/25
0			8
0.6 million [1] 65/5			81 million [1] 62/6 83 [1] 58/20 884,000 [1] 63/9
1			A
1 March 2020 [1] 150/3			abeyance [3] 75/4 75/6 98/1
1 million [1] 65/3			ability [8] 40/4 40/5 61/17 104/20 147/6 149/24 152/7 198/8
1-4 [1] 148/24			able [49] 5/8 11/25 12/2 15/16 20/3 22/6 24/13 26/21 33/15
1.1 [2] 72/7 92/7			33/17 39/11 40/6 40/8 40/17 40/23 41/17
1.2 [1] 92/8			41/23 51/25 55/1
1.26 [1] 142/25			74/10 77/14 93/18
1.3 [3] 115/13 168/23 168/24			93/21 95/24 98/21
1.45 pm [1] 107/3			
1.5 [1] 168/25			
1.5 weeks [1] 143/10			
1.6 [2] 168/23 168/24			

A	accelerate [2] 138/4 138/8 accept [9] 14/21 54/3 55/5 99/11 150/20 151/13 151/24 212/17 212/19 accepted [2] 79/22 122/22 accepting [1] 116/6 access [4] 38/7 57/25 72/3 72/4 accessing [1] 55/18 accident [1] 123/9 accommodate [2] 20/3 103/24 accompanied [2] 67/6 159/12 accompany [2] 160/17 164/16 accordance [1] 104/8 according [7] 19/7 97/5 97/6 97/21 137/12 150/1 162/12 accordingly [1] 69/16 account [5] 18/6 96/11 100/20 134/25 197/17 accountability [1] 60/6 accounts [1] 62/6 accurate [2] 133/23 183/25 accurately [1] 21/5 achieve [1] 73/14 acknowledge [2] 56/11 143/12 acknowledged [3] 31/24 77/12 183/6 acknowledgement [1] 18/20 acknowledges [1] 100/9 across [20] 6/7 9/14 32/2 34/4 45/3 51/17 65/5 66/1 70/9 90/3 103/7 131/19 136/22 138/17 141/13 162/19 171/16 172/9 176/7 191/4 act [14] 62/24 68/15 71/25 74/12 82/7 139/24 149/13 157/12 157/22 158/2 158/3 158/15 158/25 188/19 acting [1] 32/16 action [11] 8/9 77/19 78/5 134/14 135/20 135/24 149/13 149/15 177/15 177/23 188/14 actions [24] 4/19 9/3 9/5 9/11 9/12 9/16 9/21 10/13 14/8 19/10	19/11 22/7 30/4 30/12 39/16 42/1 46/8 48/19 67/7 69/7 81/5 81/6 167/2 182/5 activation [1] 24/19 active [3] 83/10 85/17 86/3 activities [10] 6/11 11/2 16/11 33/13 38/3 41/20 51/22 70/17 156/18 169/14 activity [6] 15/7 39/14 39/19 45/2 81/10 116/21 actors [1] 135/5 actual [2] 55/16 144/7 actually [39] 5/12 6/12 7/1 8/3 12/8 12/13 26/15 26/17 39/19 42/23 51/13 52/8 54/11 56/10 57/13 57/20 67/6 96/6 112/4 121/2 121/25 128/21 129/14 133/14 140/6 140/9 144/9 147/25 149/13 151/8 152/10 152/23 153/15 172/9 173/1 183/9 185/2 190/9 199/20 acute [2] 77/15 102/21 adapt [3] 26/4 46/14 178/15 adapted [2] 4/20 56/5 adoptions [1] 170/6 added [2] 84/12 136/14 addition [3] 38/11 41/1 60/6 additional [16] 16/13 38/12 41/22 48/22 51/14 62/17 65/1 66/8 88/2 151/11 160/4 160/7 163/3 164/9 169/5 207/3 address [17] 27/25 33/14 39/4 41/4 49/14 81/6 84/10 100/10 105/14 105/20 106/8 179/8 193/11 195/23 196/21 199/5 206/4 addressed [12] 1/19 7/19 9/5 24/10 27/5 29/12 30/2 33/8 37/21 40/12 48/7 105/25 addressing [6] 27/13 46/15 52/2 150/22 193/12 205/23 adequacy [1] 140/23 adequate [4] 21/15 40/6 143/19 178/25 adequately [5] 9/4 50/20 55/20 105/17	196/6 adhered [1] 143/14 adjourned [3] 31/4 35/3 214/1 adjournment [1] 107/2 administration [2] 13/25 88/17 administrations [1] 190/25 admission [1] 104/15 adopted [1] 177/1 adult [4] 34/9 38/9 40/12 136/11 advance [8] 55/20 56/19 78/17 112/25 113/1 113/5 198/19 206/10 advanced [2] 20/10 46/20 advantage [1] 171/3 advice [35] 2/11 48/4 48/14 49/2 49/4 51/9 57/21 59/17 67/9 67/12 67/16 88/6 90/21 118/2 118/4 118/7 118/15 118/18 118/20 121/2 130/21 163/20 163/25 164/4 165/25 166/2 168/14 187/12 188/4 188/4 189/1 193/16 206/4 206/6 206/21 advised [5] 75/23 86/16 130/18 136/12 146/11 adviser [14] 57/8 57/12 57/15 57/16 57/18 57/18 60/21 83/22 120/5 120/22 155/25 207/16 207/24 207/25 advisors [3] 132/13 132/16 133/20 advising [4] 69/15 83/11 84/9 157/2 advisory [11] 47/5 47/11 67/20 74/23 75/8 75/18 76/24 117/23 118/12 150/2 208/6 affairs [2] 188/12 203/11 affect [6] 94/5 115/10 138/20 171/13 171/14 205/16 affected [6] 73/12 73/18 73/25 109/12 124/20 206/16 affecting [3] 10/21 140/20 182/21 affirmed [4] 107/7 154/15 215/14 215/18 afresh [1] 118/9	after [20] 9/10 18/5 40/13 42/18 45/15 46/13 73/24 119/2 124/4 131/1 132/1 175/8 175/22 190/4 190/8 190/18 190/22 191/2 193/23 201/20 afternoon [4] 106/22 107/5 154/2 178/7 afterwards [2] 115/4 127/17 again [27] 24/24 35/18 53/2 53/15 79/2 86/13 97/25 105/12 106/3 106/6 106/24 114/25 115/20 118/25 119/23 123/1 123/13 132/5 139/3 141/6 149/18 150/12 150/13 150/14 166/19 184/25 190/4 against [3] 103/10 135/19 143/19 agencies [1] 8/17 agency [5] 27/21 35/18 70/7 95/1 128/13 agenda [4] 124/18 124/21 204/22 204/22 ago [5] 4/6 40/14 178/12 178/20 204/7 agree [56] 3/15 3/22 6/10 15/17 15/20 17/12 21/4 21/23 22/12 22/17 22/18 22/18 23/2 34/8 34/13 34/17 35/4 43/2 43/4 44/21 46/10 51/1 51/16 53/11 65/16 66/5 66/24 74/2 81/20 81/21 83/9 85/20 90/7 90/20 93/19 104/25 105/15 105/16 116/2 123/2 123/24 143/15 144/17 146/23 158/15 167/8 171/20 172/12 182/15 183/21 190/21 197/12 198/22 198/23 205/6 205/19 agreed [12] 19/21 47/20 77/16 84/9 169/2 174/1 174/5 174/6 174/24 179/25 189/9 200/18 agreeing [2] 31/12 174/15 agreement [3] 8/20 194/2 202/17 Ah [1] 37/7 ahead [2] 29/12 31/15 aim [1] 150/16 airborne [6] 102/20 102/22 103/6 103/8 103/15 104/7
----------	---	--	--	---

A	181/13 184/12 189/17 190/15 allocated [2] 55/12 134/20 allocation [1] 63/6 allow [3] 2/18 117/3 148/1 allowed [4] 41/17 41/19 44/4 159/10 allowing [2] 9/11 163/1 alluded [1] 84/14 almost [9] 13/5 22/25 26/24 132/3 132/7 141/11 175/23 186/22 204/20 alone [1] 30/1 along [6] 105/25 124/4 137/13 178/9 189/23 192/7 alongside [3] 166/9 172/21 204/20 already [25] 30/8 69/12 76/4 79/19 82/4 86/12 92/3 93/2 115/19 115/21 116/11 119/14 148/13 156/19 158/18 158/24 159/6 159/14 161/6 161/8 163/1 163/7 176/1 193/6 204/23 also [58] 1/16 2/5 13/3 19/17 25/21 30/8 32/15 37/17 39/13 41/10 41/12 41/14 41/16 41/19 42/7 43/13 44/13 46/16 51/9 52/3 58/17 62/11 62/19 63/3 64/25 65/23 66/9 67/7 68/20 69/10 69/12 70/19 71/23 76/5 79/16 85/9 90/20 106/4 107/20 122/13 129/20 133/1 134/25 135/11 139/8 140/10 147/7 149/10 151/20 155/22 158/2 161/21 162/4 199/23 204/4 208/11 209/4 211/6 although [16] 3/20 28/20 39/11 42/15 43/2 50/10 81/18 83/24 95/7 96/16 97/6 101/13 113/24 177/12 183/10 196/11 always [17] 12/23 30/21 68/11 73/17 75/17 122/12 122/14 123/24 124/11 138/16 161/19 185/6 186/22 193/24 200/22 201/17 203/9 am [15] 1/2 58/8	58/10 129/5 154/8 166/1 176/16 185/1 185/13 185/16 192/7 193/17 193/17 201/19 214/1 amalgamation [1] 95/17 amber [3] 10/9 10/10 10/11 ambitions [1] 193/19 amended [1] 80/4 amending [1] 43/8 amendments [1] 80/2 amount [3] 62/15 160/22 161/20 analogous [3] 10/15 196/13 205/21 analogue [1] 2/8 analyse [1] 173/15 analysis [1] 131/11 ANDREW [5] 1/3 77/1 77/7 146/20 215/3 Andrew Goodall [1] 146/20 Andrew Jones [1] 77/7 anew [1] 123/15 animal [1] 125/8 annual [3] 41/15 77/7 103/6 annually [1] 73/2 another [7] 6/15 53/15 108/10 141/17 185/21 190/1 202/22 answer [19] 13/13 74/15 80/5 80/7 82/25 83/10 86/2 96/24 97/16 122/9 133/19 174/9 174/15 180/10 192/1 194/5 212/20 212/24 213/3 answered [1] 122/8 answering [1] 178/23 answers [1] 55/12 antibiotics [1] 50/23 anticipate [2] 97/11 206/9 anticipated [3] 66/15 91/19 203/3 anticipation [1] 159/1 antimicrobial [4] 49/7 50/8 106/5 125/5 antiviral [1] 36/22 antivirals [2] 22/25 24/14 any [54] 4/25 16/12 16/24 24/10 36/25 44/8 44/8 56/11 61/13 69/1 69/10 72/10 74/1 74/4 74/6 77/5 78/1 82/7 84/11 85/13 88/1	April 2012 [1] 208/12 April 2014 [1] 96/8 aprons [2] 87/24 143/7 arcane [1] 165/22 are [149] 1/8 1/11 2/3 2/12 2/13 2/14 2/21 2/24 3/3 3/3 3/7 3/23 3/23 4/1 6/11 6/12 7/16 8/16 9/12 11/3 11/5 11/6 11/8 11/8 13/23 18/6 21/15 21/17 21/19 21/24 21/24 26/11 26/11 29/5 29/13 30/25 36/11 37/11 46/3 47/15 47/15 48/12 48/19 48/20 49/13 49/19 50/3 50/15 52/5 57/1 57/19 58/21 59/14 61/4 61/16 73/11 78/22 78/24 79/2 81/12 81/17 81/18 84/18 86/17 89/23 90/2 91/5 98/20 98/21 98/24 99/1 101/6 101/9 102/7 103/9 103/13 103/18 105/2 105/7 111/9 116/12 118/8 124/9 130/25 131/1 135/6 135/6 136/1 136/24 137/9 138/2 140/11 141/14 142/4 143/8 145/6 149/11 149/14 151/2 152/6 153/7 153/16 155/5 156/7 159/13 163/5 163/6 163/7 163/24 164/11 165/23 168/2 168/19 171/8 173/6 173/11 177/13 180/15 181/1 181/9 181/11 182/3 182/7 183/2 184/2 184/3 184/8 184/19 189/2 189/7 191/3 191/5 191/17 192/4 192/11 192/23 193/20 194/4 194/21 194/24 195/8 196/5 199/18 204/1 205/4 205/18 206/25 212/22 213/10 area [13] 1/11 34/13 34/15 48/22 57/4 87/1 95/8 105/16 128/5 140/12 151/17 194/8 194/10 areas [31] 1/18 3/25 4/14 12/12 15/15 18/15 20/14 22/21 23/2 29/23 29/24 30/4 33/14 39/25 40/10 40/14 42/17 46/2 46/19 54/15 62/20
----------	--	---	---

A	132/8 132/8 132/25 139/17 145/8 146/17 187/4 208/19 209/10 212/18 212/20 asking [7] 30/22 48/12 145/18 156/4 199/20 201/19 212/3 aspects [4] 27/6 176/20 195/19 196/5 Assembly [2] 206/1 208/10 assertion [1] 11/6 assess [3] 7/14 73/17 138/13 assessed [4] 69/15 82/12 93/14 103/10 assessment [43] 2/7 2/21 2/24 3/4 4/5 4/7 4/9 5/20 5/25 6/3 6/19 6/24 7/5 7/8 9/8 10/4 18/10 24/13 43/25 44/8 44/12 51/8 54/16 64/14 69/2 69/4 69/6 69/10 73/21 82/12 82/20 99/23 111/15 165/8 170/12 170/13 170/20 171/5 173/14 173/21 179/7 179/16 180/13 assessments [6] 2/21 5/13 44/16 73/20 172/16 173/6 assessors [1] 173/3 assets [1] 197/1 assistance [3] 58/17 107/10 154/20 assisted [1] 124/8 associated [6] 1/11 15/12 24/8 102/5 106/5 196/2 Association [1] 145/24 assume [3] 116/10 210/10 211/14 assumed [2] 130/21 144/9 assumption [5] 114/15 115/17 115/18 115/25 211/18 assumptions [16] 22/20 30/19 30/20 87/19 114/3 114/8 114/11 114/13 115/21 142/11 143/12 143/18 144/9 149/11 149/14 210/25 assurance [28] 5/10 9/16 19/5 21/1 22/4 30/22 33/16 33/25 38/16 40/24 43/12 43/15 43/18 43/22 44/3 44/4 44/5 44/9 132/8 167/19 167/24 168/5 168/10 177/4	177/18 179/16 180/12 181/4 assured [1] 56/20 at [306] at 11.40 [1] 58/6 Atherton [12] 42/4 47/3 48/21 51/2 104/19 105/13 106/10 113/8 113/12 113/15 113/25 114/3 114/22 114/25 115/12 115/17 115/25 116/17 120/21 120/24 121/4 121/9 126/6 126/22 127/1 127/14 127/19 128/10 129/5 129/7 133/25 134/3 136/1 136/9 137/9 137/19 142/10 146/9 146/13 146/15 150/7 160/2 168/8 168/14 170/16 179/1 186/5 186/13 188/9 189/2 189/12 189/16 190/4 191/17 193/13 193/17 193/18 194/6 195/8 206/8 209/3 210/14 211/14 211/19 212/23 awareness [4] 36/6 36/19 110/22 206/13 away [9] 26/8 38/9 38/10 42/8 91/23 101/12 177/23 193/14 194/16 awry [1] 183/23	60/25 69/23 114/4 131/14 142/3 192/20 195/17 199/12 be [258] bear [1] 36/7 bearings [1] 29/15 became [28] 12/3 25/7 70/25 78/11 90/13 107/22 109/1 109/14 109/21 110/5 129/2 129/4 164/25 168/22 175/21 175/25 186/4 186/13 187/11 188/8 190/5 200/16 201/21 206/18 207/16 209/1 209/9 209/22 because [94] 3/9 3/18 4/15 5/6 5/23 7/12 12/6 12/12 14/16 15/1 15/4 15/6 15/25 16/14 19/10 19/16 19/17 19/20 23/23 24/3 24/24 26/18 27/4 31/11 34/15 34/25 37/7 37/23 39/11 42/7 55/11 57/14 62/3 63/13 66/18 72/25 81/25 82/2 95/15 96/10 98/14 99/17 106/21 109/9 112/3 115/8 117/8 118/1 121/1 122/6 122/14 124/21 131/1 133/16 133/23 135/15 136/23 B back [35] 8/12 19/2 24/21 29/3 29/14 30/9 31/14 32/16 33/16 33/18 33/20 41/14 42/17 42/25 61/13 63/19 84/3 84/25 90/10 90/12 96/9 98/11 132/13 132/16 133/5 134/4 139/4 148/1 158/11 160/25 164/6 173/9 177/16 182/8 208/24 backdrop [1] 4/16 background [3] 107/18 186/6 211/2 bad [1] 151/1 bags [1] 149/24 balance [4] 126/2 191/22 193/7 194/4 ball [1] 15/25 barrier [1] 166/4 base [1] 147/20 based [8] 12/10 29/5 29/19 50/6 56/23 59/15 64/22 96/11 basic [3] 49/18 91/14 212/18 basin [1] 130/2 basis [10] 26/2 47/16
----------	---	--	--

B	<p>been... [180] 20/14 21/1 21/12 21/18 21/22 22/23 23/21 23/24 24/9 25/15 25/19 27/10 27/13 28/13 30/11 33/8 35/1 37/21 38/16 39/20 39/21 40/14 40/16 41/3 41/13 42/24 43/3 43/4 45/12 46/11 47/4 54/11 55/1 56/18 57/4 57/5 58/2 64/18 64/19 65/9 65/18 66/2 67/22 67/24 68/12 70/18 71/24 72/19 72/22 73/21 73/24 74/1 74/14 74/24 74/24 75/17 75/25 76/3 76/3 76/4 76/5 77/4 80/4 82/4 83/24 85/6 85/6 85/16 86/11 87/19 89/5 89/12 90/15 90/17 90/23 93/24 94/10 94/18 94/21 97/3 97/12 97/19 98/3 100/4 100/17 100/19 101/4 104/7 105/11 105/14 105/17 106/9 108/5 108/11 109/7 110/19 111/18 113/25 116/4 116/17 119/11 119/21 120/14 122/12 122/19 123/21 124/3 124/8 127/15 130/18 130/23 133/1 134/5 137/5 137/14 145/3 146/17 147/17 147/19 148/13 151/6 151/10 152/17 152/18 153/11 155/6 155/25 156/22 156/25 157/11 157/13 159/24 160/11 166/2 168/12 168/14 168/16 169/12 171/24 174/18 176/9 179/1 179/13 183/12 183/13 183/16 183/17 183/19 185/9 185/12 185/15 186/7 186/23 188/9 188/10 188/23 188/24 197/4 197/7 198/4 198/4 198/4 198/20 198/22 199/13 202/5 202/9 202/15 203/4 203/9 204/7 208/19 208/25 209/3 209/10 210/9 210/14 211/17 211/22 213/3 before [41] 10/16 17/4 22/13 40/14 41/3 42/5 44/1 44/2 47/12 56/7 64/24 66/24</p>	<p>74/21 75/5 76/11 76/22 81/13 91/23 95/13 104/3 108/10 110/4 112/9 115/24 118/24 120/18 127/1 138/13 146/22 147/5 154/2 155/7 156/1 158/5 165/1 165/11 168/8 179/19 190/12 203/23 207/11 beg [1] 126/25 began [3] 35/16 66/6 96/4 begin [1] 59/7 beginning [5] 62/4 73/1 73/3 75/12 162/1 behalf [6] 22/7 46/25 102/15 102/23 145/16 174/11 behaviour [1] 46/9 behind [6] 79/9 86/18 118/19 151/2 167/5 184/9 being [70] 5/6 8/10 9/22 11/13 14/9 16/19 19/14 19/16 19/18 20/18 26/17 26/18 29/8 29/9 33/17 35/23 38/12 41/5 41/10 42/21 44/10 45/11 48/20 51/17 53/10 53/24 57/14 59/21 65/15 74/10 79/6 82/13 84/15 85/8 91/10 96/12 104/16 108/2 110/22 110/25 111/10 114/9 118/4 127/4 133/18 138/5 143/17 144/20 148/4 159/2 159/14 161/14 162/15 165/7 168/9 172/9 173/6 175/14 176/16 181/25 182/4 185/19 187/8 187/15 189/6 189/15 189/19 194/15 211/15 212/4 belief [2] 58/24 107/15 believe [8] 37/13 174/21 184/6 190/10 190/12 202/2 203/2 206/25 believed [1] 66/10 believes [1] 9/4 below [3] 89/24 103/22 150/14 beneficial [1] 68/4 beneficiaries [1] 90/18 bereaved [10] 46/20 46/25 102/9 102/16 145/9 145/16 150/21 151/12 207/1 207/8 best [7] 38/4 58/23</p>	<p>103/10 107/15 163/15 175/4 203/4 Bethan [1] 46/24 Bethan Harris [1] 46/24 better [9] 19/7 93/19 106/9 110/1 122/19 125/12 135/13 135/15 139/20 between [30] 1/22 17/23 27/6 32/5 64/18 89/3 89/7 94/7 94/8 96/23 97/14 97/24 119/24 120/20 123/18 124/7 125/7 129/21 130/22 131/10 133/14 135/17 136/2 139/7 140/23 141/17 142/24 143/25 144/1 145/1 146/26 147/1 148/1 149/27 150/1 151/1 152/28 153/1 154/1 155/29 156/1 157/1 158/30 159/1 160/1 161/31 162/1 163/1 164/32 165/1 166/1 167/33 168/1 169/1 170/34 171/1 172/1 173/35 174/1 175/1 176/36 177/1 178/1 179/37 180/1 181/1 182/38 183/1 184/1 185/39 186/1 187/1 188/40 189/1 189/1 190/41 191/1 191/1 192/42 193/1 193/1 194/43 195/1 195/1 196/44 197/1 197/1 198/45 199/1 199/1 199/46 200/1 200/1 201/47 202/1 202/1 203/48 204/1 204/1 205/49 206/1 206/1 207/50 208/1 208/1 209/51 209/1 209/1 210/52 211/1 211/1 212/53 213/1 213/1 213/54 214/1 214/1 215/55 216/1 216/1 216/56 217/1 217/1 217/57 218/1 218/1 218/58 219/1 219/1 219/59 220/1 220/1 220/60 221/1 221/1 221/61 222/1 222/1 222/62 223/1 223/1 223/63 224/1 224/1 224/64 225/1 225/1 225/65 226/1 226/1 226/66 227/1 227/1 227/67 228/1 228/1 228/68 229/1 229/1 229/69 230/1 230/1 230/70 231/1 231/1 231/71 232/1 232/1 232/72 233/1 233/1 233/73 234/1 234/1 234/74 235/1 235/1 235/75 236/1 236/1 236/76 237/1 237/1 237/77 238/1 238/1 238/78 239/1 239/1 239/79 240/1 240/1 240/80 241/1 241/1 241/81 242/1 242/1 242/82 243/1 243/1 243/83 244/1 244/1 244/84 245/1 245/1 245/85 246/1 246/1 246/86 247/1 247/1 247/87 248/1 248/1 248/88 249/1 249/1 249/89 250/1 250/1 250/90 251/1 251/1 251/91 252/1 252/1 252/92 253/1 253/1 253/93 254/1 254/1 254/94 255/1 255/1 255/95 256/1 256/1 256/96 257/1 257/1 257/97 258/1 258/1 258/98 259/1 259/1 259/99 260/1 260/1 260/100 261/1 261/1 261/101 262/1 262/1 262/102 263/1 263/1 263/103 264/1 264/1 264/104 265/1 265/1 265/105 266/1 266/1 266/106 267/1 267/1 267/107 268/1 268/1 268/108 269/1 269/1 269/109 270/1 270/1 270/110 271/1 271/1 271/111 272/1 272/1 272/112 273/1 273/1 273/113 274/1 274/1 274/114 275/1 275/1 275/115 276/1 276/1 276/116 277/1 277/1 277/117 278/1 278/1 278/118 279/1 279/1 279/119 280/1 280/1 280/120 281/1 281/1 281/121 282/1 282/1 282/122 283/1 283/1 283/123 284/1 284/1 284/124 285/1 285/1 285/125 286/1 286/1 286/126 287/1 287/1 287/127 288/1 288/1 288/128 289/1 289/1 289/129 290/1 290/1 290/130 291/1 291/1 291/131 292/1 292/1 292/132 293/1 293/1 293/133 294/1 294/1 294/134 295/1 295/1 295/135 296/1 296/1 296/136 297/1 297/1 297/137 298/1 298/1 298/138 299/1 299/1 299/139 300/1 300/1 300/140 301/1 301/1 301/141 302/1 302/1 302/142 303/1 303/1 303/143 304/1 304/1 304/144 305/1 305/1 305/145 306/1 306/1 306/146 307/1 307/1 307/147 308/1 308/1 308/148 309/1 309/1 309/149 310/1 310/1 310/150 311/1 311/1 311/151 312/1 312/1 312/152 313/1 313/1 313/153 314/1 314/1 314/154 315/1 315/1 315/155 316/1 316/1 316/156 317/1 317/1 317/157 318/1 318/1 318/158 319/1 319/1 319/159 320/1 320/1 320/160 321/1 321/1 321/161 322/1 322/1 322/162 323/1 323/1 323/163 324/1 324/1 324/164 325/1 325/1 325/165 326/1 326/1 326/166 327/1 327/1 327/167 328/1 328/1 328/168 329/1 329/1 329/169 330/1 330/1 330/170 331/1 331/1 331/171 332/1 332/1 332/172 333/1 333/1 333/173 334/1 334/1 334/174 335/1 335/1 335/175 336/1 336/1 336/176 337/1 337/1 337/177 338/1 338</p>
----------	---	--	---

C	147/12 147/23 148/10 149/4 149/9 149/18 149/24 150/10 151/4 151/5 151/8 152/11 161/21 161/25 170/25 181/10 208/6 212/8 capital [3] 65/3 66/11 142/1 capture [2] 1/17 45/23 captures [1] 46/4 capturing [2] 7/21 9/15 Cardiff [3] 107/22 152/17 153/13 care [71] 29/17 30/10 30/14 33/3 33/22 34/9 34/16 38/9 40/6 40/8 40/12 40/21 42/20 42/24 43/5 53/7 53/14 67/14 86/19 87/1 87/3 87/5 89/16 89/18 89/19 89/20 89/25 90/3 90/11 90/17 93/4 109/12 109/13 114/23 125/2 127/5 127/8 127/9 127/10 127/24 128/5 128/6 129/11 129/14 133/8 133/9 133/14 133/18 133/23 134/1 134/10 134/16 134/18 134/21 134/23 135/5 135/16 135/21 136/11 136/13 136/16 136/17 136/20 136/23 139/24 140/4 143/9 147/11 148/14 152/11 208/10 care homes [4] 90/11 127/24 135/21 143/9 care sector [2] 34/9 40/8 careful [1] 178/23 caring [1] 53/4 carried [2] 130/6 186/23 carry [10] 45/10 81/14 135/9 141/9 156/23 157/10 159/10 160/7 169/13 174/12 carrying [1] 163/15 case [15] 29/19 66/15 77/15 103/24 104/17 104/21 128/14 149/12 151/25 157/7 159/19 161/11 163/3 163/4 194/15 cases [1] 104/15 Casualties [1] 93/8 catastrophic [3] 24/5 193/15 194/19 categories [2] 99/2 101/9	categorisation [1] 10/1 categorised [1] 99/13 category [4] 9/22 62/25 74/9 81/7 Cathays [1] 130/2 Cathays Park [1] 130/2 cause [2] 61/25 134/14 caused [5] 49/6 94/24 96/3 118/11 131/23 ceased [1] 75/10 central [3] 28/1 142/18 159/15 centralised [1] 32/1 centrality [1] 33/10 centrally [3] 84/15 179/10 180/14 centre [5] 12/18 28/19 57/19 130/3 152/16 centred [1] 100/6 centres [5] 27/8 56/6 56/14 152/4 152/8 centric [3] 5/25 23/7 170/19 certain [6] 60/1 84/24 139/12 170/23 176/16 201/9 certainly [19] 4/11 16/10 25/20 26/3 33/22 37/25 52/17 54/18 54/23 56/5 58/1 104/22 120/1 132/3 132/7 141/11 144/25 145/11 184/8 chain [1] 137/15 chains [2] 140/24 141/6 chair [5] 68/20 85/20 184/17 208/9 212/6 chaired [5] 70/6 173/1 175/21 204/15 210/4 chairing [2] 173/7 208/12 chairs [3] 85/3 85/6 85/11 challenge [18] 30/20 48/16 90/1 115/19 115/22 126/12 129/15 135/10 137/2 138/16 141/12 143/20 147/3 147/20 152/5 152/19 152/23 153/17 challenges [16] 48/15 49/25 89/21 122/10 125/21 135/12 139/18 144/22 147/1 149/20 152/10 153/9 153/16 180/22 180/23	191/13 challenging [2] 50/12 122/6 Chancellor [1] 200/17 change [15] 6/8 11/17 13/1 21/2 55/25 56/13 125/11 125/12 147/6 147/23 167/11 167/12 170/3 170/5 170/17 changed [12] 13/1 13/2 17/4 24/22 57/24 60/1 108/3 121/23 134/1 153/11 157/13 180/4 changes [5] 20/3 24/25 63/21 162/15 179/15 changing [1] 30/19 chapter [2] 99/9 100/3 chapter 5 [2] 99/9 100/3 characterisation [1] 98/5 characterise [1] 199/9 characteristics [1] 195/24 charge [1] 201/14 chart [4] 17/24 89/2 166/18 166/21 check [3] 125/23 190/9 190/15 checked [1] 43/24 checking [1] 44/9 checklist [1] 36/3 chemical [2] 49/22 73/22 chemicals [1] 192/16 chief [25] 26/18 27/17 54/19 57/8 57/12 57/14 57/15 57/17 57/18 60/2 65/18 65/19 75/2 75/9 75/9 75/11 104/24 119/15 120/4 120/8 120/10 120/21 199/25 200/3 200/19 children [1] 99/5 chime [1] 85/13 chimera [1] 20/19 China [1] 119/3 choice [7] 113/22 122/6 122/11 123/3 123/13 142/7 194/10 choices [8] 113/19 115/10 116/24 134/19 141/14 142/4 147/15 148/8 choose [1] 147/9 chose [1] 113/20 Chris [1] 152/14	Chris Whitty [1] 152/14 chronology [1] 175/3 circulate [1] 176/23 circumstances [7] 68/6 90/25 98/22 99/22 180/4 180/22 181/12 citizens [3] 8/11 182/1 205/12 civic [1] 185/20 civil [66] 13/2 13/22 14/22 19/21 23/14 27/15 32/6 33/10 41/15 42/8 44/19 44/23 45/8 45/16 45/20 57/19 57/21 62/23 68/15 71/25 74/11 82/6 88/18 111/21 156/5 156/13 157/1 157/7 157/22 157/23 158/7 158/15 162/19 163/10 164/7 164/12 164/22 165/4 166/15 166/16 167/9 167/10 167/12 169/23 171/10 176/6 176/10 177/20 178/8 179/15 179/18 180/25 181/8 182/13 183/11 186/17 186/19 187/17 188/13 189/1 191/8 192/10 195/11 197/7 198/1 205/14 civil service [2] 13/22 178/8 claim [1] 11/7 clarify [3] 6/8 95/25 207/12 clarity [5] 6/6 30/7 30/18 33/23 105/1 clear [15] 18/19 60/6 78/11 119/23 120/2 121/25 131/3 143/21 176/25 178/24 200/20 201/1 209/9 209/21 210/5 clearly [4] 10/18 53/8 105/24 195/20 clinical [2] 50/6 145/24 Close [1] 90/2 closely [2] 59/18 68/16 closer [1] 141/10 closure [1] 30/7 closures [1] 32/21 cloth [1] 162/12 cloud [1] 73/22 cluster [1] 126/4 CMO [6] 35/21 75/2 77/12 78/6 104/19 105/13 co [19] 6/9 12/18
----------	---	---	--	--

C	31/19 commended [1] 71/15 commercial [1] 7/13 commission [2] 34/5 117/22 commissioned [3] 41/4 135/11 202/7 commissioning [1] 136/24 committed [1] 193/20 committee [14] 47/10 88/18 159/9 166/16 189/12 190/24 201/9 202/10 202/21 202/22 208/10 208/13 208/17 208/20 committees [1] 189/6 common [5] 85/23 117/15 141/7 165/7 199/17 communicable [17] 19/22 23/13 25/11 25/13 92/23 94/1 94/13 94/19 95/5 95/22 96/5 96/8 96/10 96/22 97/11 98/1 98/6 communicate [1] 32/10 communication [5] 31/25 32/4 32/5 38/10 39/20 communications [4] 8/18 10/22 27/6 182/22 communities [3] 51/23 73/13 205/12 community [16] 24/2 50/7 69/9 89/16 89/20 89/25 90/10 90/12 91/10 91/16 101/14 117/10 136/11 172/1 173/5 205/16 comorbidities [1] 99/18 companies [1] 136/18 compared [2] 119/18 119/25 comparison [1] 119/13 competence [1] 156/20 competency [1] 45/25 competitive [1] 124/9 compiled [1] 20/18 compiling [1] 20/16 complaint [1] 199/13 complete [6] 39/17 43/10 145/2 148/6 194/24 195/23	completed [10] 33/19 39/16 39/25 42/11 43/11 79/24 101/2 101/3 150/8 151/9 completely [5] 91/7 180/16 185/7 186/1 187/22 completes [1] 153/20 complex [3] 90/1 165/5 165/17 complexity [3] 166/3 167/5 196/23 complicated [1] 93/10 comprehensible [1] 167/7 comprehensive [2] 8/16 174/7 concentrate [1] 98/15 concentration [1] 172/7 concentric [2] 166/18 166/21 concern [27] 16/23 17/18 29/25 30/3 32/24 34/14 34/15 42/17 47/19 47/20 57/4 85/13 97/17 97/21 97/23 104/23 104/23 131/24 134/3 134/6 137/10 137/17 140/4 172/6 177/22 186/12 199/5 concerned [18] 2/1 16/5 22/14 26/11 32/18 35/6 37/2 37/20 57/14 95/23 134/24 157/21 157/23 167/19 173/13 184/2 191/7 191/12 concerning [1] 156/5 concerns [21] 15/17 16/13 30/6 33/2 38/2 38/8 38/12 39/4 40/4 51/11 124/17 124/20 127/22 132/14 133/22 134/9 138/10 144/14 186/20 187/15 205/8 conclude [1] 180/3 concluded [3] 103/8 147/19 170/5 concludes [2] 106/16 213/15 conclusion [1] 198/3 conclusions [4] 29/3 29/5 187/7 191/2 concurrent [1] 167/15 conducted [1] 79/9 conference [7] 210/3 210/6 210/16 210/23 211/15 211/20 211/25	conferences [1] 41/15 confidence [4] 17/14 18/16 19/1 167/4 confident [4] 49/20 163/24 164/2 166/1 confined [1] 70/9 confirm [8] 52/6 52/10 53/8 58/23 61/3 62/23 87/17 107/14 confirmed [2] 65/1 85/5 confirming [1] 157/15 confirms [1] 122/2 122/2 confronted [1] 49/24 confusion [2] 94/24 96/3 connection [1] 89/7 conscious [3] 93/16 164/17 194/2 consciously [1] 193/17 consequence [16] 14/22 25/5 49/8 49/21 77/19 77/23 78/2 78/8 78/16 141/21 152/5 152/7 152/21 152/25 153/12 176/3 consequences [6] 7/17 40/9 191/23 191/24 192/6 195/25 consequential [1] 194/6 Conservative [1] 201/14 consider [10] 48/13 50/19 70/8 75/25 101/16 106/23 138/14 151/3 189/10 210/25 considerable [3] 29/9 33/9 175/16 considerably [1] 161/16 consideration [21] 10/12 11/13 11/14 14/6 39/17 39/24 43/7 71/16 98/16 98/18 98/20 116/5 117/12 117/14 127/4 162/18 170/18 171/17 172/8 198/18 201/3 considered [12] 4/7 5/2 36/3 69/6 73/3 92/13 93/15 99/2 99/13 117/17 117/19 119/7 consist [1] 182/11 consistency [2] 32/2 138/22 consistent [4] 2/11 3/16 38/2 163/25 consistently [3] 12/15 46/11 193/17	consolidated [2] 96/19 160/21 consolidating [1] 93/23 constantly [2] 185/20 194/3 constructed [1] 118/16 consultancy [1] 60/25 consultant [3] 60/21 210/21 210/22 consumable [1] 87/24 contact [9] 8/18 89/3 89/3 116/18 117/5 120/4 122/7 122/10 123/22 contacted [1] 122/23 contain [4] 23/3 99/17 116/14 196/10 contained [8] 22/15 35/6 47/13 81/24 94/20 101/17 101/18 137/6 containment [2] 23/25 152/14 contaminated [1] 95/20 contemporaneously [1] 26/20 contemporary [2] 179/3 181/12 content [3] 52/24 104/25 171/1 contested [2] 111/12 203/17 context [23] 3/17 11/21 12/9 13/3 24/14 27/22 28/11 37/14 44/7 48/25 49/3 53/9 74/9 92/14 93/25 127/11 172/16 186/23 191/17 193/5 201/11 201/25 211/5 contexts [1] 201/10 contingencies [43] 13/7 19/21 23/15 27/15 32/6 33/10 41/16 42/8 44/19 44/24 45/16 45/20 57/21 62/24 68/15 71/25 74/11 82/7 88/18 156/6 156/13 157/22 157/23 158/7 158/15 162/19 163/10 164/7 166/15 166/16 167/12 169/24 171/11 176/6 176/10 177/20 179/15 179/18 180/25 181/9 182/13 187/17 188/13 contingency [14] 33/4 45/9 57/20
----------	--	--	---	---

C	<p>contingency... [11] 127/25 135/22 139/25 164/12 165/5 166/14 183/11 191/8 192/10 195/11 197/7 continue [5] 16/7 30/2 101/1 194/16 205/1 continued [14] 1/3 1/4 16/10 33/12 33/14 35/17 38/1 65/6 157/7 197/13 203/9 203/11 215/3 215/5 continues [1] 15/19 continuity [21] 11/1 11/4 12/2 18/9 19/12 20/24 21/20 33/24 63/20 68/22 70/22 78/21 79/10 79/12 79/17 79/19 80/10 80/12 80/20 81/5 183/1 continuous [1] 45/22 continuously [1] 46/11 contracted [1] 60/24 contrary [1] 130/22 contribute [3] 50/21 70/4 176/24 contribution [3] 178/4 211/21 211/24 contributors [1] 201/19 control [22] 9/12 20/9 51/5 51/20 52/9 53/9 53/24 54/8 54/21 74/3 88/6 91/6 94/19 95/5 98/7 106/2 130/2 131/13 140/12 151/18 182/4 183/1 controls [3] 8/16 182/3 182/12 convened [2] 76/17 95/1 convenient [2] 154/1 194/23 conversation [3] 129/13 139/17 144/5 conversations [2] 100/24 120/15 convert [1] 4/13 converted [1] 157/11 Cooper [2] 65/11 66/21 Cooper's [1] 65/17 Coordination [1] 28/19 cope [8] 29/10 34/10 127/24 131/17 150/16 152/9 152/10 174/13 coping [1] 152/13 copy [2] 76/15 176/7</p>	<p>corner [3] 88/23 89/5 92/5 coronavirus [15] 22/19 23/1 24/16 40/19 55/23 56/24 64/15 74/5 78/12 78/18 90/14 100/21 101/24 128/15 153/3 corporate [14] 1/8 1/16 7/10 7/24 11/18 12/16 12/23 13/12 13/20 14/14 60/3 60/5 181/16 184/4 corporately [1] 13/9 correct [24] 38/14 40/15 44/20 59/12 59/23 60/9 60/15 61/9 65/8 65/17 65/22 66/2 95/11 108/7 114/2 115/25 156/15 156/16 158/3 158/4 164/8 207/19 207/20 209/23 correctly [2] 57/22 57/23 correspondence [2] 122/8 139/19 cost [3] 141/11 142/6 160/19 could [89] 1/7 6/5 7/23 8/2 8/12 10/17 11/24 27/2 28/16 29/1 29/3 29/14 29/14 31/14 31/20 35/11 36/5 36/24 43/23 47/23 48/25 49/20 50/21 56/5 64/16 65/17 78/15 81/2 81/11 83/2 84/4 88/9 89/15 90/14 90/23 92/8 95/25 100/1 101/21 102/18 105/5 114/10 116/13 124/21 135/1 138/13 139/5 139/10 139/16 139/22 140/3 141/17 147/4 148/11 148/17 148/20 150/12 151/10 152/9 153/5 155/1 157/15 158/20 160/14 160/16 160/21 162/3 168/23 169/10 170/21 171/6 172/19 174/13 177/20 182/5 184/13 184/22 186/11 189/15 198/4 198/21 198/25 200/15 203/1 205/17 205/18 208/18 211/1 212/18 couldn't [1] 204/24 council [3] 88/14 202/13 202/19 COUNSEL [10] 1/4 57/7 58/15 107/8 154/16 215/4 215/7 215/11 215/15 215/19</p>	<p>countermeasure [1] 38/17 countermeasures [8] 24/8 36/6 38/13 38/20 38/24 88/4 182/12 196/2 country [3] 91/2 115/15 173/16 couple [2] 93/25 148/23 course [59] 3/16 12/11 13/15 13/17 15/19 16/12 24/23 52/13 75/11 80/5 100/8 100/16 101/7 101/18 103/10 104/12 124/2 202/17 210/23 currently [5] 8/8 49/17 105/8 131/17 136/12 curtailing [1] 61/17 cut [1] 162/11 cuts [1] 64/18 Cwm [1] 126/5 Cwm Taf [1] 126/5 cyber [1] 186/2 Cygnus [66] 9/18 17/5 17/14 17/20 20/5 26/11 29/25 30/3 30/18 30/24 30/25 31/3 31/5 31/6 31/23 33/8 33/20 34/12 34/25 35/8 35/14 37/15 37/22 37/25 38/6 38/11 38/22 39/5 39/15 42/18 42/19 76/10 76/13 108/21 109/25 109/25 110/15 46/25 73/19 102/4 102/15 105/25 114/20 117/13 117/17 119/2 120/18 142/22 143/14 149/4 145/8 145/16 147/16 150/3 151/9 153/3 161/9 175/9 179/14 179/19 180/24 207/1 Covid-19 [11] 46/20 46/25 102/4 102/15 105/25 142/22 143/14 145/8 145/16 150/3 207/1 create [5] 72/14 95/16 147/10 149/8 149/18 created [9] 67/2 71/7 72/17 82/14 117/3 134/23 136/2 144/20 161/2 creation [3] 7/5 59/8 83/8 crematoria [3] 151/5 151/5 151/7 critical [10] 9/6 11/2</p>	<p>42/20 42/24 43/5 54/10 87/1 177/10 177/12 177/14 cross [2] 19/19 31/18 cross-government [1] 31/18 Crown [2] 156/11 157/25 CSA [1] 58/1 cultural [1] 29/18 culture [1] 46/9 current [17] 4/18 4/23 6/10 47/14 48/14 52/13 75/11 80/5 100/8 100/16 101/7 101/18 103/10 104/12 124/2 202/17 210/23 currently [5] 8/8 49/17 105/8 131/17 136/12 curtailing [1] 61/17 cut [1] 162/11 cuts [1] 64/18 Cwm [1] 126/5 Cwm Taf [1] 126/5 cyber [1] 186/2 Cygnus [66] 9/18 17/5 17/14 17/20 20/5 26/11 29/25 30/3 30/18 30/24 30/25 31/3 31/5 31/6 31/23 33/8 33/20 34/12 34/25 35/8 35/14 37/15 37/22 37/25 38/6 38/11 38/22 39/5 39/15 42/18 42/19 76/10 76/13 108/21 109/25 109/25 110/15 46/25 73/19 102/4 102/15 105/25 114/20 117/13 117/17 119/2 120/18 142/22 143/14 144/4 145/8 145/16 146/16 150/3 151/9 153/3 161/9 175/9 179/14 179/19 180/24 207/1 Covid-19 [11] 46/20 46/25 102/4 102/15 105/25 142/22 143/14 145/8 145/16 150/3 207/1 create [5] 72/14 95/16 147/10 149/8 149/18 created [9] 67/2 71/7 72/17 82/14 117/3 134/23 136/2 144/20 161/2 creation [3] 7/5 59/8 83/8 crematoria [3] 151/5 151/5 151/7 critical [10] 9/6 11/2</p>	<p>data [7] 32/14 32/15 32/17 32/21 34/7 38/22 59/15 date [6] 97/2 100/14 102/24 118/24 132/2 156/18 dated [8] 48/8 92/4 96/24 142/22 148/16 154/23 164/22 174/19 David [4] 83/20 136/8 210/4 212/10 David Goulding [4] 83/20 136/8 210/4 212/10 day [19] 27/11 28/20 47/16 47/16 51/21 51/21 51/23 51/23 124/21 131/7 154/2 200/1 200/1 200/18 200/18 204/20 204/22 204/24 208/18 days [5] 25/9 56/15 129/19 129/21 175/22 DCLG [1] 85/8 de [4] 6/8 159/6 159/6 185/18 de facto [3] 6/8 159/6 185/18 de jure [1] 159/6 deadline [1] 78/9 deal [53] 24/9 27/8 40/8 42/10 44/11 46/8 51/25 55/10 57/6 61/2 77/13 94/7 104/20 105/7 106/1 110/20 114/20 116/7 117/20 121/2 123/11 123/14 124/22 125/22 140/22 143/17 149/23 151/21 152/7 153/5 153/11 155/22 164/8 164/14 168/17 172/20 175/8 175/25 185/17 190/13 190/23 191/6 191/25 192/6 192/8 192/13 192/21 194/18 194/20 196/3 197/11 205/10 205/25 dealing [23] 25/12 31/22 32/5 77/18 78/8 107/18 111/20 115/20 125/3 126/3 128/14 137/3 152/4 155/19 156/25 166/19 185/20 185/23 191/5 194/1 195/17 197/25 206/18 deals [3] 87/23 95/7 166/12 dealt [3] 52/18 105/17 158/17 death [7]</p>
----------	--	---	---	---	---

D	49/18 125/1 125/20 135/19 171/7 deliverables [1] 84/11 delivered [4] 61/8 63/14 64/22 128/25 delivering [1] 1/20 delivery [4] 36/22 59/17 67/8 84/17 demand [3] 42/19 42/20 89/18 demands [6] 31/25 32/21 34/10 131/18 134/12 198/16 demonstrate [3] 74/10 83/5 98/2 demonstrated [3] 49/10 197/25 198/8 demonstrating [1] 21/1 department [8] 87/9 88/16 111/6 129/1 136/14 138/12 139/7 139/23 departmental [1] 133/10 departments [1] 88/17 dependency [1] 53/7 dependents [1] 99/5 depending [2] 98/24 201/18 deploy [1] 24/14 deployed [2] 9/11 163/2 deploying [1] 45/8 depth [3] 109/23 117/13 153/10 depths [1] 120/18 deputy [16] 16/17 77/7 107/23 107/25 109/1 109/4 127/15 127/18 128/4 128/9 128/17 128/18 128/22 129/20 133/11 204/6 describe [7] 27/2 39/18 111/19 119/10 130/8 130/16 198/5 described [13] 12/15 21/5 41/22 45/12 99/8 108/22 109/17 110/11 111/3 111/5 120/14 135/12 201/6 describes [2] 66/21 111/8 describing [2] 119/13 119/20 description [5] 10/2 11/24 90/23 99/13 182/21 deserve [1] 83/1 deserved [1] 68/2 designated [1] 78/3 designed [3] 15/21	105/7 190/19 desirable [1] 35/2 desk [4] 11/9 124/13 166/2 178/5 desk top [1] 11/9 despite [2] 20/13 124/8 detail [17] 14/7 16/15 52/17 56/11 60/19 74/4 74/16 87/2 87/18 87/25 101/6 101/25 114/25 115/8 118/11 119/25 140/9 details [1] 72/10 detection [1] 24/12 determined [2] 188/15 194/24 determines [1] 188/19 detiment [1] 124/18 develop [4] 3/13 8/15 171/24 174/8 developed [2] 14/15 177/5 developing [1] 7/18 development [16] 11/17 14/20 41/8 46/1 62/21 65/6 67/17 77/23 82/9 83/12 96/1 100/23 137/11 179/9 179/23 189/20 developments [1] 180/16 develops [1] 101/12 devolution [4] 155/16 156/5 157/2 185/11 devolved [11] 86/17 88/16 121/19 122/4 156/21 157/12 157/13 161/6 169/7 170/1 190/25 devoted [2] 175/24 205/10 DG [2] 84/8 85/10 DH [1] 88/19 diabetic [1] 62/13 diagnosis [2] 47/16 50/21 diagnostics [1] 66/12 diagram [3] 163/24 163/24 166/5 did [135] 12/13 13/1 describes [2] 66/21 111/8 describing [2] 119/13 119/20 description [5] 10/2 11/24 90/23 99/13 182/21 deserve [1] 83/1 deserved [1] 68/2 designated [1] 78/3 designed [3] 15/21	105/7 190/19 83/16 88/1 88/6 91/2 93/12 106/13 108/19 109/1 109/6 109/7 109/18 109/22 110/4 110/5 110/16 110/16 111/16 111/17 111/24 112/1 112/6 112/24 114/13 115/7 116/22 117/8 117/21 118/1 118/7 118/20 118/24 120/4 121/7 121/14 121/15 121/18 122/3 122/16 123/7 123/11 123/14 123/17 125/4 125/16 129/17 130/24 132/11 132/13 132/21 132/12 132/10 132/11 137/16 137/22 137/24 137/25 137/27 137/29 137/30 137/32 137/34 137/35 137/37 137/39 137/40 137/42 137/44 137/45 137/47 137/49 137/50 137/52 137/54 137/55 137/57 137/59 137/60 137/62 137/64 137/65 137/67 137/69 137/70 137/72 137/74 137/75 137/77 137/79 137/80 137/82 137/84 137/85 137/87 137/89 137/90 137/92 137/94 137/95 137/97 137/99 137/100 137/102 137/104 137/105 137/107 137/109 137/110 137/112 137/114 137/115 137/117 137/119 137/120 137/122 137/124 137/125 137/127 137/129 137/130 137/132 137/134 137/135 137/137 137/139 137/140 137/142 137/144 137/145 137/147 137/149 137/150 137/152 137/154 137/155 137/157 137/159 137/160 137/162 137/164 137/165 137/167 137/169 137/170 137/172 137/174 137/175 137/177 137/179 137/180 137/182 137/184 137/185 137/187 137/189 137/190 137/192 137/194 137/195 137/197 137/199 137/198 137/200 137/202 137/203 137/205 137/207 137/208 137/210 137/212 137/213 137/215 137/217 137/218 137/220 137/222 137/223 137/225 137/227 137/228 137/230 137/232 137/233 137/235 137/237 137/238 137/240 137/242 137/243 137/245 137/247 137/248 137/250 137/252 137/253 137/255 137/257 137/258 137/260 137/262 137/263 137/265 137/267 137/268 137/270 137/272 137/273 137/275 137/277 137/278 137/280 137/282 137/283 137/285 137/287 137/288 137/290 137/292 137/293 137/295 137/297 137/298 137/300 137/302 137/303 137/305 137/307 137/308 137/310 137/312 137/313 137/315 137/317 137/318 137/320 137/322 137/323 137/325 137/327 137/328 137/330 137/332 137/333 137/335 137/337 137/338 137/340 137/342 137/343 137/345 137/347 137/348 137/350 137/352 137/353 137/355 137/357 137/358 137/360 137/362 137/363 137/365 137/367 137/368 137/370 137/372 137/373 137/375 137/377 137/378 137/380 137/382 137/383 137/385 137/387 137/388 137/390 137/392 137/393 137/395 137/397 137/398 137/399 137/400 137/401 137/402 137/403 137/404 137/405 137/406 137/407 137/408 137/409 137/410 137/411 137/412 137/413 137/414 137/415 137/416 137/417 137/418 137/419 137/420 137/421 137/422 137/423 137/424 137/425 137/426 137/427 137/428 137/429 137/430 137/431 137/432 137/433 137/434 137/435 137/436 137/437 137/438 137/439 137/440 137/441 137/442 137/443 137/444 137/445 137/446 137/447 137/448 137/449 137/450 137/451 137/452 137/453 137/454 137/455 137/456 137/457 137/458 137/459 137/460 137/461 137/462 137/463 137/464 137/465 137/466 137/467 137/468 137/469 137/470 137/471 137/472 137/473 137/474 137/475 137/476 137/477 137/478 137/479 137/480 137/481 137/482 137/483 137/484 137/485 137/486 137/487 137/488 137/489 137/490 137/491 137/492 137/493 137/494 137/495 137/496 137/497 137/498 137/499 137/498 137/499 137/500 137/501 137/502 137/503 137/504 137/505 137/506 137/507 137/508 137/509 137/510 137/511 137/512 137/513 137/514 137/515 137/516 137/517 137/518 137/519 137/520 137/521 137/522 137/523 137/524 137/525 137/526 137/527 137/528 137/529 137/530 137/531 137/532 137/533 137/534 137/535 137/536 137/537 137/538 137/539 137/539 137/540 137/541 137/542 137/543 137/544 137/545 137/546 137/547 137/548 137/549 137/550 137/551 137/552 137/553 137/554 137/555 137/556 137/557 137/558 137/559 137/559 137/560 137/561 137/562 137/563 137/564 137/565 137/566 137/567 137/568 137/569 137/570 137/571 137/572 137/573 137/574 137/575 137/576 137/577 137/578 137/579 137/579 137/580 137/581 137/582 137/583 137/584 137/585 137/586 137/587 137/588 137/589 137/590 137/591 137/592 137/593 137/594 137/595 137/596 137/597 137/598 137/599 137/599 137/600 137/601 137/602 137/603 137/604 137/605 137/606 137/607 137/608 137/609 137/610 137/611 137/612 137/613 137/614 137/615 137/616 137/617 137/618 137/619 137/619 137/620 137/621 137/622 137/623 137/624 137/625 137/626 137/627 137/628 137/629 137/630 137/631 137/632 137/633 137/634 137/635 137/636 137/637 137/638 137/639 137/639 137/640 137/641 137/642 137/643 137/644 137/645 137/646 137/647 137/648 137/649 137/650 137/651 137/652 137/653 137/654 137/655 137/656 137/657 137/658 137/659 137/659 137/660 137/661 137/662 137/663 137/664 137/665 137/666 137/667 137/668 137/669 137/670 137/671 137/672 137/673 137/674 137/675 137/676 137/677 137/678 137/679 137/679 137/680 137/681 137/682 137/683 137/684 137/685 137/686 137/687 137/688 137/689 137/690 137/691 137/692 137/693 137/693 137/694 137/695
----------	---	---	--

D	55/4 56/11 57/16 63/16 65/16 66/5 66/24 68/2 68/4 73/17 74/2 74/21 76/22 78/10 81/19 81/21 82/16 84/1 89/5 89/20 90/7 90/20 93/19 95/14 97/1 99/12 101/2 104/12 105/14 113/21 116/2 118/6 118/9 118/14 119/8 120/16 122/15 122/18 123/20 124/2 124/12 124/25 125/2 125/23 126/8 126/13 126/25 131/20 138/14 138/18 138/18 138/19 138/22 139/13 139/16 139/18 141/1 141/20 142/2 143/15 144/17 146/23 147/10 147/14 149/7 150/19 151/13 151/24 152/6 161/17 163/7 163/17 164/2 165/10 170/17 171/1 177/14 184/8 185/2 187/12 188/25 193/1 193/22 201/1 201/6 201/21 202/8 203/1 203/6 203/12 203/16 204/11 205/7 206/17 208/13 208/21 doctrinal [2] 195/14 196/9 doctrinally [2] 22/15 195/16 doctrine [3] 116/4 171/8 205/21 document [87] 5/14 5/17 5/18 5/21 8/13 8/21 9/1 9/3 9/7 15/21 23/10 23/18 23/19 25/3 31/2 35/6 47/4 47/7 47/9 47/12 47/21 50/24 51/1 51/3 51/7 52/22 52/25 53/8 53/13 53/20 53/21 54/5 71/12 71/14 71/17 71/19 71/22 71/23 72/4 72/16 72/18 74/2 74/14 74/17 80/3 80/21 80/24 81/4 81/18 81/24 82/11 83/1 83/8 87/14 87/20 88/1 88/9 91/8 92/4 95/24 99/10 102/25 104/2 104/8 105/5 105/12 112/21 113/16 113/23 114/5 115/1 115/3 115/7 115/12 142/15 148/13 150/1 150/13 170/13 176/18 176/23 177/9 179/22 182/19 195/9	196/15 204/2 documentation [7] 5/10 24/11 92/15 93/14 95/10 195/12 206/12 documents [28] 19/22 23/8 24/17 52/7 52/13 52/21 53/16 54/6 54/12 71/22 74/19 74/20 75/24 82/3 82/4 91/24 111/17 112/4 112/9 113/20 114/4 115/5 115/10 116/15 132/16 184/1 184/19 184/25 does [42] 3/21 8/13 9/3 10/10 18/12 32/4 70/3 70/12 71/11 77/21 83/5 84/3 85/13 97/17 97/21 97/25 99/19 100/2 101/20 105/19 106/1 113/12 120/25 123/1 123/2 125/13 138/4 139/20 150/23 151/11 165/22 176/13 178/19 178/23 179/17 194/16 199/20 199/23 200/8 202/21 203/22 205/12 doesn't [12] 8/15 74/4 74/5 84/2 99/17 99/20 112/23 148/6 190/17 196/9 196/17 200/12 doing [12] 8/24 16/3 17/8 42/6 64/6 69/24 119/19 138/9 139/20 141/18 152/23 194/22 domestic [1] 49/10 don't [46] 3/10 9/13 12/22 15/6 24/21 32/10 33/19 56/2 57/20 80/5 83/9 87/25 91/19 91/21 96/24 97/16 98/5 98/9 99/16 101/3 115/23 121/15 122/21 124/12 128/24 138/5 141/19 143/22 144/14 145/19 149/14 150/8 152/15 163/23 164/3 168/13 170/21 180/2 187/4 194/25 198/2 203/16 209/13 209/16 211/21 212/19 done [23] 5/17 6/1 7/6 8/14 19/16 44/25 55/4 56/22 78/10 86/23 100/10 105/14 134/5 139/10 145/10 147/17 148/3 188/20 198/4 198/4 198/5 201/22 213/8 door [1] 46/13 double [1] 190/15	double-check [1] 190/15 doubt [11] 77/3 82/3 93/22 171/10 171/12 172/3 178/4 178/9 191/11 197/15 212/24 doubts [1] 196/25 Dowden [1] 204/6 down [23] 13/14 18/10 18/12 19/6 19/16 59/6 74/21 77/3 78/19 87/4 89/24 91/1 93/20 95/12 103/17 107/17 112/16 125/24 130/2 148/23 185/7 209/11 209/17 downgraded [2] 14/8 168/12 dozen [1] 204/20 DR [55] 1/3 1/5 5/16 9/1 11/10 12/22 13/13 13/18 14/21 17/6 18/19 20/16 21/24 33/6 36/7 40/2 46/10 47/1 48/5 57/11 58/14 58/16 59/8 61/4 65/11 65/17 66/21 87/15 90/7 93/19 97/5 100/17 102/7 102/15 106/16 117/8 120/5 120/6 120/11 120/16 120/16 121/13 126/21 130/1 147/18 151/20 183/4 184/2 184/10 206/6 210/18 211/20 215/3 215/10 Dr Atherton [2] 120/16 130/1 Dr Cooper [1] 66/21 Dr Goodall [23] 1/5 5/16 9/1 11/10 12/22 13/18 14/21 17/6 18/19 20/16 21/24 33/6 36/7 40/2 46/10 47/1 48/5 57/11 121/13 126/21 147/18 183/4 184/2 Dr Goodall's [1] 184/10 Dr Orford [3] 120/6 120/11 120/16 Dr Quentin Sandifer [2] 58/13 58/14 Dr Rob Orford [1] 120/5 Dr Sandifer [12] 58/16 59/8 61/4 87/15 90/7 93/19 97/5 100/17 102/7 102/15 117/8 206/6 Dr Tracey Cooper [1] 65/11 Dr Tracey Cooper's [1] 65/17	Dr Watkins' [1] 211/20 draft [11] 39/20 39/22 39/24 40/17 42/23 96/16 96/18 97/4 97/6 97/13 97/14 DRAKEFORD [27] 154/15 154/19 154/20 155/1 155/5 162/7 166/5 168/1 169/19 173/13 173/25 176/8 177/17 180/10 182/15 187/25 193/8 194/5 194/25 195/7 196/19 198/10 203/6 205/8 206/24 213/16 215/18 Drakeford's [1] 154/4 dramatic [2] 61/25 63/10 dramatically [1] 61/22 draw [5] 41/17 95/2 95/24 176/22 184/5 drawing [1] 23/12 drawn [10] 5/18 23/16 24/9 25/8 144/15 149/19 157/6 186/3 187/8 187/9 draws [1] 2/16 drew [1] 38/6 drink [1] 192/17 drinking [1] 95/20 Dromedary [1] 128/10 dropped [2] 18/7 19/9 drove [1] 141/4 due [2] 86/20 100/1 duplicate [1] 4/14 duplication [1] 32/1 duration [2] 56/21 142/12 during [27] 42/18 57/24 62/18 69/1 73/4 73/19 75/20 77/4 90/5 90/13 98/7 100/21 101/24 111/18 113/8 114/20 117/17 121/4 121/23 126/22 132/19 duties [4] 44/2 68/14 74/12 169/13 Dyfed [1] 172/5 Dyfed-Powys [1] 172/5 E each [8] 44/15 60/6 69/14 94/21 123/14 137/1 142/12 148/22 earlier [25] 11/18 28/20 33/7 35/9 37/21 37/22 42/24 45/17
----------	--	---	--	--

E	embedded [1] 45/5 emerge [1] 3/22 emergence [2] 22/19 211/1 emergencies [30] 8/4 12/9 25/21 32/12 52/12 52/23 71/21 88/12 92/2 92/12 111/21 113/14 155/20 157/1 157/7 158/16 164/22 167/9 167/10 181/21 182/13 185/12 185/17 186/2 186/18 186/18 193/6 196/16 198/1 198/9 emergency [74] 1/13 8/18 11/7 12/18 13/3 13/4 23/7 28/19 30/12 34/2 63/6 63/19 63/22 68/23 69/22 70/21 71/5 71/14 72/9 72/11 72/13 73/16 78/20 79/12 79/18 80/9 80/12 80/14 80/19 81/4 81/9 81/10 82/8 82/18 83/21 86/4 87/9 92/16 92/17 92/18 95/18 98/12 98/13 98/17 98/21 98/22 98/25 99/9 99/10 99/23 100/7 103/19 103/21 119/16 119/25 131/13 158/22 164/7 166/14 167/3 167/17 167/19 167/25 168/3 168/11 174/2 182/10 183/3 183/11 183/18 185/20 191/8 205/14 210/1 emerging [3] 26/5 38/22 105/9 emphasised [1] 85/10 employed [1] 161/2 empowered [2] 160/4 160/5 enable [3] 69/18 160/7 161/3 enabled [1] 163/21 enabling [2] 156/23 157/12 end [8] 84/14 91/11 91/17 106/11 106/14 124/22 126/2 194/17 ended [3] 39/13 56/13 162/9 endemic [1] 102/4 Ending [1] 81/15 endorsed [2] 6/25 71/15 energy [2] 125/16 205/10 enforced [1] 85/12 enforcement [2]	169/9 170/2 engage [2] 85/9 146/7 engaged [10] 82/21 85/25 102/3 132/23 138/7 185/10 200/2 200/10 200/11 204/23 engagement [12] 80/16 85/8 85/14 120/7 122/14 122/20 124/3 145/21 146/12 199/12 200/8 203/13 England [17] 2/25 3/3 3/7 3/13 31/10 43/20 43/21 78/3 85/9 86/18 129/6 138/23 139/1 139/7 152/4 173/19 192/16 enhanced [1] 169/25 enhancements [1] 65/13 enjoyed [1] 201/12 enough [7] 32/15 32/16 54/8 55/5 99/12 138/1 154/17 enquiries [1] 204/19 ensure [14] 7/17 8/5 15/22 29/10 36/18 41/24 46/15 54/20 56/5 171/25 174/3 189/6 190/20 205/17 ensuring [6] 28/9 105/2 139/25 162/18 181/23 205/10 enter [1] 165/22 entered [1] 78/13 entire [1] 149/1 entirely [3] 117/11 126/9 198/5 entirety [1] 13/18 entities [3] 7/13 79/23 204/13 entitled [1] 142/21 entity [1] 7/15 entry [3] 10/16 111/25 181/20 environment [2] 111/12 203/10 envisable [2] 101/4 101/11 envisaged [3] 90/25 117/12 147/25 epidemic [1] 185/22 epidemiological [2] 73/12 73/20 epidemiologist [1] 210/22 EPRR [10] 63/3 63/13 63/13 64/3 64/4 64/6 64/21 67/15 74/2 101/14 equal [1] 161/14 equally [1] 25/24 equipped [1] 164/18	121/7 134/6 136/5 138/5 187/4 every [5] 103/7 103/19 103/23 123/5 124/21 everybody [1] 93/21 everyone [1] 51/17 everything [2] 128/19 194/16 evidence [59] 1/25 2/5 11/19 22/16 32/16 47/4 47/8 48/23 53/3 58/18 60/20 106/17 107/11 116/2 116/9 117/7 117/15 117/24 118/12 119/14 122/1 122/8 123/1 123/2 125/6 125/18 137/4 137/16 137/23 141/7 141/23 142/23 144/25 145/19 146/4 146/8 146/19 151/19 152/15 153/21 154/5 155/1 158/5 161/13 163/12 164/11 164/21 165/2 171/10 181/5 184/10 194/24 201/3 204/6 205/9 206/5 206/6 206/12 213/15 evident [2] 177/13 182/2 evidently [3] 168/1 177/24 191/19 ex [1] 184/17 ex officio [1] 184/17 exact [3] 110/8 132/1 173/24 exactly [3] 63/12 167/15 172/15 exaggerate [1] 206/14 examination [1] 198/11 examining [1] 27/11 example [28] 4/2 33/15 39/19 46/12 54/22 62/12 63/22 73/21 75/23 90/10 101/23 119/13 120/13 125/5 133/2 137/24 141/25 158/20 172/2 176/21 176/21 185/22 192/13 193/21 199/24 200/15 200/24 203/1 examples [3] 44/14 61/16 200/3 excellence [1] 55/24 Excellent [1] 213/20 excess [9] 29/16 30/15 31/22 33/17 149/22 150/6 150/8 150/13 150/22 exchange [3] 137/19 137/22 138/6
----------	--	---	---

E	130/23 130/24 133/21 136/2 186/15 187/20 189/23 190/18 Exercise Cygnus-type [1] 9/18 Exercise Dromedary [1] 128/10 Exercise Taliesin [8] 26/11 26/13 29/7 29/23 40/15 126/24 134/4 197/3 Exercise Taliesin/swine flu [1] 28/17 exercised [1] 170/10 exercises [17] 11/9 21/10 26/9 26/10 27/4 41/11 41/25 45/23 76/11 126/18 129/9 129/21 183/16 186/23 187/7 189/7 197/3 exercising [5] 45/22 61/12 67/17 181/8 183/19 exhibit [1] 102/17 exhibited [3] 47/23 50/25 54/5 exist [4] 69/11 135/13 172/25 179/23 existed [5] 45/11 180/17 181/11 201/17 210/11 existence [8] 7/12 8/19 11/4 67/11 74/24 95/10 118/24 181/16 existing [7] 52/1 56/20 160/19 163/10 179/18 203/8 206/14 exit [8] 42/10 45/3 45/9 49/7 175/8 190/23 191/25 197/11 expand [1] 101/21 expanded [2] 45/1 100/4 expansion [3] 62/7 63/22 149/21 expect [10] 74/18 91/13 99/21 104/22 130/14 135/14 135/18 147/11 184/4 211/25 expectation [2] 15/15 24/1 expectations [1] 5/9 expected [7] 5/4 74/15 89/7 97/18 130/11 144/13 161/6 expenditure [1] 160/12 expensive [1] 141/17 experience [24] 6/11 12/6 19/2 20/12 53/6 54/19 56/23 86/3 90/25 119/6 119/19	119/20 120/1 124/16 148/20 155/13 155/19 161/18 179/13 187/3 199/6 207/18 209/4 212/15 experiences [3] 14/17 20/25 46/16 experiencing [1] 189/3 expert [2] 190/24 206/3 expertise [8] 51/10 59/16 118/15 166/3 170/25 171/6 192/10 193/4 experts [1] 43/3 explain [7] 63/9 74/7 98/10 182/7 193/21 200/5 213/9 explaining [1] 213/8 explicitly [3] 15/10 82/9 99/20 explosion [1] 172/4 exposed [2] 29/11 137/12 expressed [8] 30/7 32/24 33/2 38/13 42/18 133/22 137/10 138/10 expression [1] 101/12 expressly [1] 199/19 extend [1] 84/9 extended [1] 101/7 extensive [1] 99/12 extent [15] 20/19 29/24 55/16 67/9 73/14 75/19 163/12 164/5 179/14 186/19 191/22 193/7 193/13 194/14 197/24 external [2] 44/8 166/23 extra [3] 51/25 132/3 160/3 extreme [3] 39/22 40/16 131/18 extremely [2] 45/13 136/16 eye [3] 15/25 47/2 143/7 eyewear [1] 87/24	Facilitate [1] 73/12 facilitated [1] 65/12 facilities [6] 8/18 103/15 104/8 105/2 147/7 152/25 facility [3] 105/9 142/2 147/2 facing [9] 4/16 7/22 13/23 14/2 14/5 124/17 124/20 170/14 192/4 fact [34] 15/8 28/1 31/7 51/13 65/8 83/5 95/7 95/13 97/25 98/7 108/12 108/23 111/3 111/5 124/9 132/13 137/13 138/11 142/6 143/14 157/5 161/9 165/3 166/12 167/15 177/6 179/21 183/15 186/6 196/10 197/22 198/16 208/4 210/11 facto [3] 6/8 159/6 185/18 factory [1] 73/22 fail [3] 8/5 171/17 181/22 failed [4] 24/3 196/21 197/2 197/19 failing [2] 34/11 191/24 failings [2] 197/13 197/15 failure [3] 90/20 195/23 197/19 fair [17] 27/16 63/11 90/24 98/5 122/21 133/5 140/2 140/2 144/21 148/5 149/10 167/13 182/16 208/4 209/8 211/18 211/19 fairly [2] 35/1 133/11 fall [1] 206/11 fallen [1] 155/4 falling [1] 155/2 fallout [1] 116/7 familiar [10] 52/24 54/2 87/2 87/14 88/24 91/14 112/21 156/7 171/8 175/7 familiarise [1] 88/13 families [9] 46/20 46/25 102/9 102/16 145/9 145/16 151/12 207/1 207/8 family [3] 91/4 117/10 135/7 family-run [1] 135/7 far [16] 58/17 93/19 95/23 107/10 107/19 109/12 111/19 116/13 134/4 144/6 144/15 154/21 184/1 186/11 187/17 199/14
----------	--	---	--

F	<p>find [10] 29/2 93/12 106/13 162/3 166/5 166/9 166/20 172/24 177/2 193/2</p> <p>finding [1] 161/23</p> <p>finds [1] 195/14</p> <p>finish [10] 39/1 39/3 39/10 39/11 40/13 41/1 154/4 189/5 189/10 189/13</p> <p>finished [1] 39/12</p> <p>fire [2] 8/9 176/21</p> <p>fire service [1] 176/21</p> <p>firm [1] 107/21</p> <p>firmly [1] 176/2</p> <p>first [84] 1/24 7/8 17/23 27/5 28/2 31/3 31/6 35/12 35/12 41/13 41/18 43/14 47/8 49/5 50/1 50/25 52/10 70/6 71/4 72/17 76/18 76/25 79/24 82/13 84/23 86/14 91/25 96/3 96/4 96/13 112/2 112/24 118/21 119/2 119/8 127/13 137/15 139/1 154/14 155/6 157/2 158/10 164/5 164/15 164/25 168/21 168/21 169/2 169/16 170/19 174/5 174/6 174/20 174/23 175/21 175/22 175/23 176/1 177/4 179/21 181/18 184/16 184/17 185/9 186/4 186/17 187/11 188/3 188/8 188/22 188/25 190/5 199/22 202/8 202/14 202/16 204/9 204/25 206/1 207/7 208/2 212/6 212/9 213/11</p> <p>First Minister [35] 28/2 70/6 154/14 155/6 164/5 164/15 164/25 168/21 168/21 169/2 169/16 174/5 174/6 174/20 174/23 175/21 175/23 176/1 184/16 184/17 185/9 186/4 186/17 187/11 188/3 188/8 188/22 188/25 190/5 199/22 202/8 207/7 212/6 212/9 213/11</p> <p>First Minister's [1] 208/2</p> <p>First Ministers [2] 158/10 202/14</p> <p>firstly [2] 11/11 16/17</p> <p>fit [5] 50/4 50/13</p>	<p>94/22 174/4 180/7</p> <p>five [5] 92/22 102/10 109/19 195/2 207/2</p> <p>five minutes [1] 102/10</p> <p>five minutes' [1] 207/2</p> <p>five months [1] 109/19</p> <p>flag [1] 54/6</p> <p>flagged [2] 40/14 105/23</p> <p>flaw [2] 116/10 205/20</p> <p>flawed [1] 116/3</p> <p>flaws [7] 22/17 45/20 179/18 188/17 188/19 195/14 196/9</p> <p>flexibility [1] 55/8</p> <p>floating [1] 73/23</p> <p>flooded [1] 3/12</p> <p>flooding [4] 3/11 8/8 157/4 186/1</p> <p>floor [1] 187/5</p> <p>flow [2] 7/18 30/15</p> <p>flowchart [1] 166/12</p> <p>flowed [2] 163/20 163/21</p> <p>flows [1] 32/14</p> <p>flu [45] 12/8 12/14 15/3 15/10 16/16 22/23 23/25 24/14 25/23 26/21 26/25 28/17 29/6 29/8 29/20 30/10 32/22 35/15 39/1 39/7 41/9 42/6 44/7 83/14 84/6 84/13 85/18 86/5 86/8 110/19 115/19 136/3 142/11 146/10 156/1 189/8 189/9 189/11 190/2 190/20 197/9 207/23 208/5 211/5 211/6</p> <p>focus [24] 12/23 15/2 15/22 16/3 16/7 16/22 17/11 23/4 23/24 23/24 24/12 29/24 34/20 38/24 39/14 40/22 41/20 109/4 109/7 138/5 139/9 180/24 186/12 194/12</p> <p>focused [5] 2/18 12/4</p> <p>25/16 28/9 134/10</p> <p>focuses [1] 74/3</p> <p>focusing [5] 3/6 14/25 25/22 125/25 191/23</p> <p>fold [1] 59/14</p> <p>follow [9] 5/23 12/22 73/12 73/24 73/25 93/21 114/19 132/25 188/6</p> <p>follow-on [1] 114/19</p>	<p>follow-up [2] 73/12 132/25</p> <p>followed [4] 76/7 94/24 159/20 197/19</p> <p>following [23] 12/25 29/5 41/2 41/11 44/17 44/24 54/9 59/10</p> <p>follows [1] 159/16</p> <p>food [1] 95/17</p> <p>foot [1] 157/4</p> <p>fora [23] 2/19 2/19 3/19 5/13 25/17 27/22 31/9 33/16 43/12 44/14 68/16 68/19 69/5 69/9 69/14 69/19 69/25 70/15 72/1 80/18 82/23 91/14 205/3</p> <p>force [6] 53/16 79/7 96/15 97/7 111/20 156/10</p> <p>forced [2] 158/11 194/9</p> <p>forefront [2] 83/6 98/3</p> <p>forever [1] 193/18</p> <p>Forgetting [1] 213/3</p> <p>forgive [1] 194/21</p> <p>form [6] 3/9 3/11 97/4 114/3 122/19 202/15</p> <p>formal [5] 15/21 91/18 172/18 174/18 179/16</p> <p>formalised [2] 79/24 97/8</p> <p>formally [8] 80/8 157/14 158/2 172/17 173/15 174/23 176/14 177/1</p> <p>format [1] 97/13</p> <p>formed [4] 5/5 179/13 189/20 195/10</p> <p>forms [4] 114/6 198/10 199/21 203/21</p> <p>formulated [1] 59/9</p> <p>fortunately [1] 149/16</p> <p>forum [28] 2/13 2/17 2/22 2/25 3/20 5/15 16/9 36/2 70/3 70/5 70/18 80/11 162/23 172/21 173/10 173/24</p> <p>174/21 177/7 179/2 184/18 201/5 201/20 201/24 204/5 204/5 204/8 204/15 212/7</p> <p>forums [15] 3/2 27/7 27/7 28/6 28/25 31/12</p>	<p>35/19 43/20 43/23 133/21 166/22 172/18 173/17 178/14 204/23</p> <p>forward [10] 10/15 36/5 36/24 54/16 85/8 124/19 148/4 160/23 177/11 193/21</p> <p>forward planning [1] 124/19</p> <p>forwards [1] 130/6</p> <p>found [7] 102/1 144/10 150/11 150/24 159/22 165/18 185/6</p> <p>foundations [1] 26/2</p> <p>founding [1] 30/9</p> <p>four [28] 2/19 3/3 3/18 27/7 30/1 31/12 35/19 49/13 68/18 68/18 69/5 84/21 85/3 85/16 92/15 119/22</p> <p>four days [1] 175/22</p> <p>four nations [4] 49/13 138/21 138/21 141/13 153/12 171/20 171/25 172/14 172/17 173/2/ 173/7 175/22</p> <p>four years [2] 30/1 119/22</p> <p>fragile [4] 47/15 49/24 66/21 67/1</p> <p>fragilities [1] 49/11</p> <p>fragility [5] 51/12 67/2 67/5 141/6 141/19</p> <p>framed [1] 158/8</p> <p>framework [20] 23/19 43/9 52/11 52/22 72/14 84/19 92/1 92/11 92/20</p> <p>formally [8] 80/8 157/14 158/2 172/17 173/15 174/23 176/14 177/1</p> <p>format [1] 97/13</p> <p>formed [4] 5/5 179/13 189/20 195/10</p> <p>forms [4] 114/6 198/10 199/21 203/21</p> <p>formulated [1] 59/9</p> <p>fortunately [1] 149/16</p> <p>forum [28] 2/13 2/17 2/22 2/25 3/20 5/15 16/9 36/2 70/3 70/5 70/18 80/11 162/23 172/21 173/10 173/24</p> <p>174/21 177/7 179/2 184/18 201/5 201/20 201/24 204/5 204/5 204/8 204/15 212/7</p> <p>forums [15] 3/2 27/7 27/7 28/6 28/25 31/12</p>	<p>fulfilling [1] 74/11</p> <p>full [13] 8/6 20/2 34/8 35/15 62/5 83/10 85/17 95/12 140/5 154/17 181/24 183/20 202/15</p> <p>fully [14] 29/20 33/19 44/22 82/21 85/20 104/24 104/25 105/25 115/1 151/8 183/17 189/14 190/19 191/9</p> <p>function [4] 20/4 63/3 63/13 64/7</p> <p>functions [51] 6/2 6/4 6/6 19/25 21/11 44/18 44/24 59/11 59/14 61/12 61/18 62/8 63/7 64/5 64/22 70/16 70/25 156/8</p> <p>156/11 156/18 156/19 157/9 157/18 157/24 158/2 158/6 158/9 159/1 159/5 159/10 159/12 159/13 159/13 160/4 160/8 160/13 160/19 160/23 161/7 163/16 163/16 164/14 164/17 165/11 167/16 168/9 169/3 169/5 170/10 174/16 197/5 100/10 100/18 100/23 101/21 118/12 212/25 215/7</p> <p>future [11] 101/11 128/3 133/17 134/19 134/25 135/15 135/16 138/25 141/9 141/20 164/8</p> <p>G</p> <p>gained [1] 171/3</p> <p>Gallagher [1] 145/20</p> <p>Gallagher's [1] 146/8</p> <p>gander [1] 195/16</p> <p>gap [1] 90/20</p> <p>gaps [3] 29/11 69/10 179/9</p> <p>gas [1] 73/22</p> <p>gathering [2] 29/18 118/13</p>
----------	--	---	---	---	---

G				
gatherings [1] 22/22	154/8 194/4	15/18 46/24 93/16	160/2 160/6 161/3	78/21 78/22 79/5 79/6
gave [6] 22/4 26/2	gist [2] 210/19	93/23 107/5 118/8	161/7 162/7 162/16	79/8 80/22 83/3 83/15
48/23 104/6 145/20	211/13	123/17 124/7 154/17	162/17 162/21 162/22	83/18 85/11 85/14
204/6	give [25] 18/16 38/4	198/20 200/3 200/15	163/13 164/6 164/18	86/1 86/9 86/9 89/4
general [27] 12/7	42/15 43/7 57/20	200/24 201/13 204/3	166/24 167/22 168/2	95/1 102/23 103/12
17/7 18/15 21/25 27/3	58/18 98/19 107/11	GOODALL [27] 1/3	168/10 169/17 170/11	121/9 136/2 136/3
27/13 34/4 44/23	135/7 147/11 154/17	1/5 5/16 9/1 11/10	170/14 170/15 170/16	136/5 136/6 136/9
87/18 94/9 110/21	155/1 158/20 160/21	12/22 13/13 13/18	170/25 172/19 173/2	150/2 159/9 162/24
111/21 120/1 121/12	160/22 162/11 169/4	14/21 17/6 18/19	173/4 173/8 173/15	166/15 172/22 173/1
140/7 140/13 149/7	171/17 172/2 176/15	20/16 21/24 33/6 36/7	173/18 174/1 174/11	189/10 189/20 190/2
160/20 160/20 167/24	184/13 192/2 192/13	40/2 46/10 47/1 48/5	175/17 176/8 176/11	190/3 190/6 190/21
169/22 170/22 184/22	197/17 200/15	57/11 121/13 126/21	176/13 177/1 178/13	197/10 202/10 203/10
198/2 208/17 210/12	given [35] 17/19	146/20 147/18 183/4	178/21 180/13 181/2	210/7
211/15	22/18 23/23 46/10	184/2 215/3	181/17 182/23 183/5	group-based [1]
General for [1] 12/7	46/19 58/17 98/16	Goodall's [1] 184/10	183/22 184/19 185/10	12/10
General role [1] 34/4	104/4 116/5 116/16	goose [1] 195/15	185/19 186/13 188/15	groups [16] 27/12
generalised [3]	118/4 118/20 125/14	got [17] 19/7 30/5	188/18 188/23 188/24	28/7 28/24 35/18 70/1
14/16 21/17 22/3	127/4 134/12 146/19	88/13 88/18 92/22	191/4 191/12 191/16	88/20 90/5 101/9
generally [11] 3/14	152/15 162/10 162/18	106/21 119/18 125/7	192/3 192/9 193/1	101/22 101/23 117/10
14/1 41/15 42/16	165/14 167/24 168/5	132/16 132/20 139/7	193/11 196/20 196/21	145/25 165/4 165/12
44/12 44/19 101/13	170/18 172/6 178/2	141/20 142/3 146/23	198/14 198/21 199/8	166/23 206/16
106/2 106/8 115/9	201/4 204/12 205/15	150/13 157/16 200/3	199/17 201/24 204/8	growing [1] 49/7
212/1	206/6 206/22 206/22	gotten [1] 212/25	204/12 204/18 205/9	grown [1] 168/16
generated [1] 76/6	210/17 211/11 212/15	Goulding [5] 83/20	207/24 210/8	guess [3] 118/4
generating [1]	212/15	136/8 210/4 210/13	118/6 148/5	
203/21	gives [1] 9/13	212/10	guidance [64] 4/25	
generic [5] 14/14	giving [2] 47/3 121/2	governance [3] 8/16	21/9 22/11 23/8 23/13	
74/8 92/11 95/2	glad [1] 204/1	14/1 174/2	23/14 23/15 39/22	
196/15	glossed [1] 174/14	government [188]	40/11 40/16 42/24	
generically [2] 14/5	gloves [2] 87/25	1/20 4/6 5/3 7/12 7/13	43/6 52/13 53/15	
19/13	143/10	7/14 7/15 7/20 7/25	53/16 54/10 74/13	
genesis [1] 195/10	go [41] 8/2 8/12 29/1	8/21 8/24 9/4 10/25	84/18 84/20 87/6	
genomics [3] 65/6	30/9 31/20 35/11 36/5	13/19 13/20 13/21	87/12 87/23 88/2	
66/13 120/14	36/9 49/1 56/7 60/19	13/25 14/6 14/11	89/17 90/8 90/10	
gently [1] 65/17	71/8 72/6 73/8 74/5	14/12 14/13 14/24	90/18 90/21 91/18	
genuine [3] 117/12	77/9 81/8 84/25 87/17	15/4 15/22 15/23	91/23 92/16 92/16	
152/13 192/10	88/9 89/15 94/15	16/23 16/25 17/8	92/17 92/18 92/21	
genuinely [2] 20/22	95/13 98/11 101/21	17/11 18/21 20/1	92/22 93/5 93/8 93/13	
23/5	104/3 107/12 118/19	20/17 21/8 23/11	93/17 93/20 94/21	
geographical [1]	118/19 120/3 121/15	26/14 28/1 28/4 31/18	95/9 99/1 99/8 100/3	
3/17	122/7 131/9 135/8	33/23 35/2 38/25 41/2	100/8 101/8 101/18	
Germany [1] 192/17	149/20 174/23 177/11	44/1 57/21 61/5 61/14	101/20 102/1 111/17	
get [21] 24/1 29/15	178/19 182/5 182/6	62/18 65/1 66/6 66/19	111/19 114/24 116/17	
56/14 105/13 113/21	182/8	67/10 67/13 67/14	116/20 137/11 138/12	
120/18 123/6 123/7	god' [1] 10/24	67/16 68/8 68/9 68/11	138/14 148/15 169/6	
123/8 123/20 126/10	goes [7] 48/19 49/9	69/4 70/6 72/4 78/14	169/22 195/7 205/21	
137/25 139/20 144/15	49/15 50/9 139/4	80/17 80/17 82/22	Guidelines [1] 93/3	
149/19 165/25 186/3	166/9 200/1	83/11 83/21 83/22	guiding [1] 50/22	
193/12 206/4 207/11	going [27] 13/16	85/9 86/24 87/8 88/4	H	
209/15	38/21 44/21 50/17	88/7 89/8 89/10 90/16	had [257]	
Gething [20] 16/17	52/5 52/7 55/10 57/5	92/6 94/25 102/23	hadn't [16] 35/1	
35/24 107/6 107/7	88/15 98/2 101/17	110/20 113/9 119/19	37/24 38/3 39/21	
107/9 112/11 112/21	111/19 129/10 135/6	121/5 121/6 125/14	39/25 40/16 43/4	
119/10 122/16 124/16	138/22 144/1 144/6	125/17 126/16 133/15	56/18 90/25 104/7	
130/24 136/1 140/15	144/8 144/12 144/15	136/25 138/11 139/9	113/3 122/22 147/18	
144/17 145/7 145/15	145/18 146/16 147/9	139/21 141/13 142/9	157/16 197/4 198/4	
153/23 186/10 187/4	149/22 160/23 166/5	143/13 145/22 146/5	half [5] 8/13 62/3	
215/14	177/16	150/1 151/15 155/10	66/7 79/25 167/23	
Gething's [1] 153/20	gone [13] 17/23	155/16 155/18 155/25	halfway [1] 77/3	
gets [1] 173/15	18/10 18/12 19/6	70/14 74/23 74/23	Hammond [1] 200/18	
getting [7] 17/8 42/6	19/16 37/24 38/9	156/12 156/20 156/23	hamper [1] 122/17	
123/19 139/24 154/6	38/10 52/17 111/23	156/25 157/3 157/6	hampered [1] 175/5	
	151/6 152/19 157/16	158/1 158/7 159/3	Hancock [1] 123/12	
	good [17] 1/5 1/6	159/4 159/7 159/15		
		159/17 159/21 159/23		

H	<p>hand [8] 9/10 9/20 88/23 89/5 92/5 143/10 177/8 193/13 handle [1] 74/5 hands [3] 158/18 158/24 202/4 happen [9] 3/2 90/9 111/9 124/21 142/3 149/14 155/24 172/4 204/11 happened [12] 22/15 44/23 108/14 133/3 139/12 148/6 157/19 185/24 186/24 197/18 198/7 208/21 happening [7] 14/17 132/9 138/3 139/14 147/13 166/4 176/18 happens [1] 147/21 happy [2] 54/17 68/11 hard [3] 118/4 162/10 175/18 harm [1] 126/4 harnessed [1] 25/2 HARRIS [3] 46/23 46/24 215/6 has [94] 1/25 4/6 5/2 6/16 6/20 6/23 7/3 7/4 7/6 9/4 9/25 11/11 16/19 19/6 19/7 45/12 46/13 49/3 57/4 57/5 59/25 60/1 60/3 67/11 67/22 67/24 71/24 74/14 74/24 75/1 75/17 76/3 80/3 83/10 83/24 86/11 92/3 94/21 94/23 100/4 100/17 100/19 100/24 101/4 101/25 105/9 105/11 105/14 105/23 112/19 116/2 122/12 122/13 126/18 127/22 129/5 134/1 139/12 139/21 141/21 151/1 151/23 152/14 161/10 161/25 164/21 166/2 166/2 169/2 171/1 178/2 187/22 188/24 190/25 191/13 192/13 199/13 201/17 202/5 202/14 202/15 202/18 202/20 202/22 202/22 203/2 203/3 203/11 203/14 203/24 203/25 205/9 206/6 206/22 hasn't [1] 74/25 have [314] haven't [6] 6/25 30/5 94/2 139/6 176/14 203/20 having [28] 19/11</p>	<p>19/12 32/15 33/23 56/13 60/6 63/2 70/24 82/2 83/3 85/11 87/17 119/20 124/22 127/25 130/1 133/13 139/19 139/23 141/16 144/5 153/8 162/2 165/14 168/17 185/12 188/10 193/18 hazard [5] 3/10 16/2 82/12 109/16 117/25 hazards [10] 1/13 2/15 4/16 4/22 8/7 16/7 74/8 75/22 81/22 181/24 HCID [4] 104/20 151/23 153/2 153/3 HCIDs [1] 151/22 he [33] 16/20 17/2 17/19 47/3 47/8 47/9 47/19 47/20 48/23 57/14 75/13 75/13 84/11 121/1 122/22 122/24 123/2 123/17 136/8 136/14 136/15 141/24 146/20 186/11 186/13 200/20 200/22 201/1 210/21 210/23 210/24 211/2 211/7 he's [1] 210/21 head [2] 208/2 210/4 headed [1] 49/1 heading [4] 71/9 72/8 80/2 84/6 headline [2] 125/3 125/15 health [276] Health Secretary [1] 111/10 health-related [1] 95/19 healthcare [6] 42/19 86/25 104/16 105/3 106/5 136/11 healthcare-associate d [1] 106/5 hear [1] 208/20 heard [25] 1/25 2/5 48/21 112/19 116/3 116/9 117/7 118/16 119/14 125/17 126/19 126/20 127/22 137/23 145/19 146/19 147/18 151/19 151/20 164/21 165/14 172/24 181/5 183/5 189/5 hearing [1] 214/1 heart [1] 178/19 Heath [1] 152/17 Heaven [6] 207/4 207/5 207/7 209/10 213/13 215/21 heavy [1] 106/21 held [11] 13/12 29/25</p>	<p>31/8 46/5 60/15 61/13 108/9 127/13 142/15 200/5 207/14 help [7] 25/14 64/16 98/21 101/6 123/25 153/22 193/1 helped [2] 23/5 139/6 helpful [4] 90/15 93/24 94/10 139/8 helps [3] 6/6 6/7 123/25 HEPU [5] 210/2 210/4 210/6 210/11 211/12 her [2] 65/12 146/9 here [20] 18/25 72/7 73/10 84/5 85/1 88/11 89/17 96/2 103/3 105/1 115/19 115/21 116/11 125/25 149/8 150/15 153/8 181/12 198/17 208/24 Hertfordshire [1] 95/20 hesitate [1] 144/23 high [20] 15/12 17/7 18/3 19/5 49/8 49/21 53/6 77/19 77/23 78/2 78/8 78/16 84/8 152/5 152/7 152/21 152/24 153/12 172/8 211/9 high-consequence [4] 49/8 152/7 152/21 153/12 headline [2] 125/3 125/15 health [276] Health Secretary [1] 111/10 health-related [1] 95/19 healthcare [6] 42/19 86/25 104/16 105/3 106/5 136/11 healthcare-associate d [1] 106/5 hear [1] 208/20 heard [25] 1/25 2/5 48/21 112/19 116/3 116/9 117/7 118/16 119/14 125/17 126/19 126/20 127/22 137/23 145/19 146/19 147/18 151/19 151/20 164/21 165/14 172/24 181/5 183/5 189/5 hearing [1] 214/1 heart [1] 178/19 Heath [1] 152/17 Heaven [6] 207/4 207/5 207/7 209/10 213/13 215/21 heavy [1] 106/21 held [11] 13/12 29/25</p>	<p>home [7] 33/22 34/17 40/21 89/19 135/8 139/24 141/10 homes [10] 33/3 33/24 90/11 127/24 135/7 135/21 137/1 honest [1] 51/8 honesty [1] 150/22 hope [3] 16/6 22/8 123/22 hoped [1] 53/20 Hopefully [1] 48/2 horse [1] 46/13 hospital [12] 54/20 78/17 89/18 90/9 103/19 105/8 148/24 149/2 149/4 149/17 149/21 153/13 hospitals [9] 53/4 77/15 102/21 103/7 104/14 106/2 106/4 143/9 151/19 151/19 hour [1] 103/19 hours [1] 27/1 housing [1] 59/20 how [45] 20/9 27/3 36/2 37/19 39/18 44/21 55/15 56/10 69/6 69/17 70/3 70/12 71/17 74/4 74/13 78/15 82/5 101/6 112/5 113/22 114/12 115/10 116/7 116/13 higher [4] 20/14 21/13 21/22 22/6 highest [2] 10/12 29/8 highlight [6] 3/21 22/6 95/14 124/1 129/10 143/2 highlighted [3] 53/2 96/2 165/3 him [3] 47/10 120/17 200/22 hindrance [1] 192/19 hindsight [7] 5/23 20/12 21/12 21/22 83/2 99/15 118/8 Hine [3] 146/10 199/3 201/21 Hine review [2] 199/3 201/21 his [11] 17/2 17/20 47/3 48/23 85/21 100/25 186/10 186/14 200/17 206/4 210/14 history [4] 185/19 203/13 203/18 203/19 hit [4] 52/15 53/17 147/16 203/4 hitherto [1] 180/17 Hobson's [1] 194/10 holds [1] 142/8</p>	<p>176/16 185/1 185/13 185/16 192/7 193/17 193/17 201/19 I appear [2] 46/24 145/16 I ask [2] 13/13 102/15 I assumed [1] 130/21 I at [1] 133/11 I attended [2] 129/19 208/6 I became [8] 109/21 129/4 175/21 175/25 186/4 187/11 188/8 200/16 I become [1] 188/25 I believe [3] 37/13 190/12 206/25 I can [6] 39/17 48/6 83/2 90/14 184/3 188/21 I can't [5] 4/4 105/22 108/22 130/25 208/24 I certainly [2] 104/22 120/1 I chaired [1] 175/21 I chose [1] 113/20 I confident [1] 166/1 I could [8] 64/16 65/17 95/25 158/20 170/21 184/22 189/15 200/15 I describe [1] 130/8 I did [15] 80/25 106/13 111/16 111/24 112/6 116/22 117/8 118/1 118/7 118/20 121/15 123/11 132/11 146/7 208/6 I didn't [9] 70/21 114/15 115/8 132/11 137/24 146/2 166/3 213/5 213/9 I do [16] 16/24 22/18 23/2 43/2 63/16 68/4 81/21 84/1 119/8 122/18 124/2 126/25 185/2 187/12 188/25 205/7 I don't [31] 3/10 12/22 15/6 24/21 56/2 80/5 83/9 91/19 96/24 97/16 98/5 98/9 99/16 101/3 115/23 121/15 122/21 138/5 143/22 144/14 145/19 150/8 152/15 168/13 170/21 180/2 187/4 198/2 203/16 211/21 212/19 I doubt [1] 212/24 I engaged [1] 132/23 I expect [2] 104/22 135/14 I expected [1] 130/11</p>
----------	---	---	---	--	--

I	I probably [1] 179/20 I read [5] 112/25 I first [1] 119/8 I found [2] 150/11 150/24 I recall [1] 187/14 I received [9] 109/22 115/2 115/6 118/1 118/2 132/18 132/23 136/6 204/21 I recognise [3] 68/5 86/22 132/11 I recollect [1] 189/15 I refer [1] 25/6 I referred [1] 54/5 I remember [5] 51/7 129/25 130/1 170/21 170/22 I remind [1] 86/7 I represent [1] 207/8 I represented [1] 70/10 I returned [1] 60/24 I said [12] 5/14 18/8 21/21 34/20 39/13 39/25 42/1 86/2 89/6 134/9 161/5 174/14 I saw [2] 85/15 120/6 I say [11] 19/17 50/24 82/19 109/24 113/16 115/8 115/17 124/6 124/8 150/24 153/6 I see [1] 124/1 I set [1] 122/9 I shall [2] 58/5 195/2 I share [2] 85/19 187/3 I should [7] 74/7 105/1 106/20 156/13 185/8 205/20 205/23 I simply [1] 191/11 I speak [1] 54/18 I spent [1] 205/25 I started [2] 127/18 135/14 I still [1] 33/19 I suggested [1] 28/20 I summarised [1] 57/22 I suppose [1] 8/23 I suspect [1] 125/11 I then [1] 126/7 I think [111] 2/3 3/18 4/9 4/11 4/12 11/20 12/10 20/22 21/12 22/3 27/4 28/8 28/21 29/2 30/21 33/18 37/5 39/18 42/25 48/3 52/5 57/13 63/11 64/4 72/24 74/7 84/5 90/24 93/24 94/6 101/21 102/2 110/8 111/8 113/17 114/17 117/15 118/25 119/23 122/1 122/18 123/1 123/16	I probably [1] 179/20 I read [5] 112/25 112/25 113/20 115/1 115/24 I recall [1] 187/14 I received [9] 109/22 115/2 115/6 118/1 118/2 132/18 132/23 136/6 204/21 I recognise [3] 68/5 86/22 132/11 I recollect [1] 189/15 I refer [1] 25/6 I referred [1] 54/5 I remember [5] 51/7 129/25 130/1 170/21 170/22 I remind [1] 86/7 I represent [1] 207/8 I represented [1] 70/10 I returned [1] 60/24 I said [12] 5/14 18/8 21/21 34/20 39/13 39/25 42/1 86/2 89/6 134/9 161/5 174/14 I saw [2] 85/15 120/6 I say [11] 19/17 50/24 82/19 109/24 113/16 115/8 115/17 124/6 124/8 150/24 153/6 I see [1] 124/1 I set [1] 122/9 I shall [2] 58/5 195/2 I share [2] 85/19 187/3 I should [7] 74/7 105/1 106/20 156/13 185/8 205/20 205/23 I simply [1] 191/11 I speak [1] 54/18 I spent [1] 205/25 I started [2] 127/18 135/14 I still [1] 33/19 I suggested [1] 28/20 I summarised [1] 57/22 I suppose [1] 8/23 I suspect [1] 125/11 I then [1] 126/7 I think [111] 2/3 3/18 4/9 4/11 4/12 11/20 12/10 20/22 21/12 22/3 27/4 28/8 28/21 29/2 30/21 33/18 37/5 39/18 42/25 48/3 52/5 57/13 63/11 64/4 72/24 74/7 84/5 90/24 93/24 94/6 101/21 102/2 110/8 111/8 113/17 114/17 117/15 118/25 119/23 122/1 122/18 123/1 123/16	6/10 16/6 28/8 33/12 34/13 37/16 74/18 74/22 78/20 91/13 92/7 97/11 97/18 99/11 99/21 101/4 101/11 106/10 120/8 121/11 130/14 139/4 168/13 168/14 184/4 188/9 198/23 200/15 201/13 201/23 209/3 210/13 210/14 211/21 212/19 212/20 I wouldn't [5] 113/21 114/25 179/21 199/9 211/25 I'd [28] 47/7 47/21 48/24 50/25 52/25 186/5 190/24 197/16 198/5 200/2 202/6 203/17 204/14 206/5 206/21 206/22 207/8 207/17 207/17 208/14 209/6 209/21 210/9 211/19 213/18 I took [1] 200/16 I understand [5] 86/24 96/14 100/24 102/8 127/3 I say [11] 19/17 50/24 82/19 109/24 113/16 115/8 115/17 124/6 124/8 150/24 153/6 I see [1] 124/1 I set [1] 122/9 I shall [2] 58/5 195/2 I share [2] 85/19 187/3 I should [7] 74/7 105/1 106/20 156/13 185/8 205/20 205/23 I simply [1] 191/11 I speak [1] 54/18 I spent [1] 205/25 I started [2] 127/18 135/14 I still [1] 33/19 I suggested [1] 28/20 I summarised [1] 57/22 I suppose [1] 8/23 I suspect [1] 125/11 I then [1] 126/7 I think [111] 2/3 3/18 4/9 4/11 4/12 11/20 12/10 20/22 21/12 22/3 27/4 28/8 28/21 29/2 30/21 33/18 37/5 39/18 42/25 48/3 52/5 57/13 63/11 64/4 72/24 74/7 84/5 90/24 93/24 94/6 101/21 102/2 110/8 111/8 113/17 114/17 117/15 118/25 119/23 122/1 122/18 123/1 123/16	99/25 130/19 169/12 171/15 182/3 186/8 190/18 191/22 196/22 identifies [1] 188/18 identify [9] 7/16 13/23 160/12 160/14 160/17 162/15 172/19 178/16 179/14 if [144] 6/15 8/2 8/5 8/12 10/17 10/23 14/4 14/4 15/16 15/18 15/20 17/17 24/20 24/23 29/1 29/3 29/14 30/25 31/14 32/10 35/11 36/5 36/7 36/24 36/25 37/5 38/2 47/23 48/25 52/10 57/10 64/16 65/17 66/2 69/1 71/8 72/17 74/1 78/4 78/18 79/1 80/1 80/7 81/11 81/14 84/2 84/11 88/7 88/12 89/9 91/17 92/8 95/13 95/25 97/13 97/23 99/6 102/18 102/24 103/2 103/13 103/17 104/1 104/10 107/12 108/14 111/8 111/13 113/19 113/20 116/15 116/23 119/23 122/19 123/6 123/18 123/21 124/3 124/8 124/23 131/25 132/2 132/6 133/5 135/8 138/22 138/25 139/3 139/6 141/8 141/16 141/19 142/4 142/5 143/12 144/22 145/3 145/19 146/14 147/3 148/11 148/17 148/23 149/12 149/14 150/12 151/22 151/22 152/3 152/16 152/17 152/17 152/21 153/12 157/5 161/24 166/6 166/20 167/23 168/5 168/22 169/10 172/1 174/14 177/2 177/11 181/22 182/5 182/8 182/18 182/22 184/22 188/3 188/21 192/1 192/20 193/2 193/9 194/20 200/15 200/21 205/3 209/16 209/17 ignorance [1] 173/5 IIR [1] 143/8 illustrated [1] 157/5 imagining [1] 176/16 immediate [3] 192/24 193/10 194/19 immediately [4] 26/24 151/4 170/10 177/15 immunity [1] 211/2
---	---	---	--	---

I	72/11 73/16 82/7 99/25 incidentally [1] 90/15 incidents [4] 71/21 93/8 95/19 186/2 inclined [1] 199/18 include [8] 1/19 49/25 68/10 74/4 83/4 89/22 90/21 210/24 included [9] 12/8 22/21 67/15 69/14 81/25 82/2 83/5 90/8 112/8 includes [1] 70/7 including [21] 8/7 17/22 20/24 28/3 51/18 53/6 54/21 59/20 62/19 63/21 69/8 73/20 74/12 86/5 87/24 88/5 128/20 141/4 169/5 186/18 197/23 inclusion [1] 69/8 incomplete [2] 41/1 42/2 incorporated [2] 74/16 130/6 incorporation [1] 60/2 increase [7] 48/20 51/19 61/25 63/10 63/17 64/19 151/7 increased [5] 49/8 50/6 61/22 63/8 146/11 increases [1] 89/18 incubation [2] 24/6 195/25 indeed [29] 2/23 4/18 7/11 19/9 25/4 32/13 34/18 36/12 46/2 48/21 51/21 53/1 53/12 53/18 68/15 72/19 74/24 91/2 107/16 110/2 113/6 116/19 127/16 155/25 173/12 191/15 193/4 204/17 213/16 independent [4] 90/4 136/18 203/24 203/25 INDEX [1] 214/3 indicate [3] 131/12 179/17 188/9 indicated [3] 30/8 40/19 137/16 indicating [1] 10/3 indication [1] 184/13 indications [1] 119/2 indicative [1] 103/14 individual [15] 5/12 13/5 15/14 17/7 44/13 54/13 54/25 94/22 136/7 153/8 164/4 198/12 199/15 200/9	201/2 individually [1] 9/14 individuals [3] 89/25 91/3 199/18 industrial [1] 8/9 ineffectiveness [1] 196/25 inefficiency [2] 165/6 196/24 inequalities [10] 59/22 99/19 100/20 100/21 101/20 205/8 205/23 206/3 206/11 206/14 inequality [1] 206/13 inevitable [2] 14/21 25/5 inevitably [1] 15/24 infected [1] 77/15 infection [17] 47/14 50/8 50/22 51/5 51/20 52/9 53/9 53/23 54/7 54/21 88/5 104/20 106/2 140/12 151/18 152/5 153/12 infections [6] 49/21 77/19 103/16 106/5 152/8 152/21 infectious [18] 25/20 49/8 52/11 52/23 53/5 77/24 78/2 78/8 78/16 88/12 91/6 92/2 92/12 94/4 104/13 105/9 113/13 195/11 influenza [68] 8/7 8/22 8/25 11/13 14/1 14/25 17/10 17/23 19/24 22/13 23/8 24/5 43/8 44/11 53/14 7/23 75/25 76/17 81/17 81/23 82/1 82/10 82/13 82/19 82/24 83/6 83/13 84/18 84/19 84/20 87/5 93/1 93/4 109/2 109/15 110/6 110/17 111/21 112/20 113/4 114/9 114/15 114/23 115/14 115/20 116/6 116/11 117/25 118/11 124/19 131/15 142/19 144/21 144/23 145/2 145/4 148/15 148/21 182/11 182/12 183/12 183/23 184/15 185/14 186/7 186/21 195/9 196/13 210/25 influenza-related [1] 23/8 inform [1] 102/20 information [11] 28/5 29/18 30/15 31/25 74/3 74/18 98/10 169/8 204/21 211/13	212/24 informed [1] 110/1 infrastructure [3] 49/17 55/2 65/14 inherent [2] 24/4 195/24 initial [5] 9/8 22/25 64/15 69/23 110/10 initially [2] 31/9 51/1 initiated [2] 174/16 175/5 initiation [1] 174/19 initiative [4] 200/17 201/25 202/1 202/3 injects [1] 36/3 input [2] 145/25 178/21 INQ000022792 [1] 131/6 INQ000066526 [1] 142/17 INQ000089558 [2] 71/4 98/14 INQ000089572 [1] 91/25 INQ000089573 [3] 87/7 148/12 150/13 INQ000089575 [1] 94/14 INQ000089594 [1] 102/19 INQ000089648 [1] 78/22 INQ000107119 [1] 166/8 INQ000107136 [1] 31/1 INQ000128968 [1] 28/16 7/23 INQ000128972 [1] 167/18 INQ000128976 [1] 28/16 INQ000128979 [1] 35/7 INQ000177362 [1] 47/6 INQ000177552 [1] 47/24 INQ000183523 [1] 80/21 INQ000187219 [1] 83/19 INQ000187304 [1] 107/12 INQ000187580 [1] 176/4 INQ000192266 [1] 58/20 INQ000215556 [1] 181/19 INQ000215558 [2] 10/17 182/18 inquiries [1] 41/6	INQUIRY [40] 1/4 1/24 16/20 57/7 58/15 58/17 64/17 92/3 95/23 107/8 107/10 107/19 111/18 112/3 112/9 112/19 113/1 115/2 116/2 126/18 126/20 127/21 145/1 146/13 154/16 154/18 154/21 158/5 159/20 186/10 187/10 190/25 191/7 206/23 211/17 215/5 215/8 215/11 215/15 215/20 Inquiry's [1] 2/5 inside [1] 155/15 insight [1] 42/15 insofar [8] 22/14 35/5 37/2 113/15 180/11 183/6 183/10 183/21 instance [1] 89/4 instigate [1] 11/25 instigated [3] 6/21 15/9 41/14 instigating [1] 19/2 institute [1] 192/4 instituted [1] 189/6 insufficient [1] 61/16 integrated [1] 81/10 intended [5] 45/7 71/18 73/15 103/9 196/15 intensity [1] 125/19 intensive [1] 152/11 intention [2] 38/23 205/1 interaction [1] 203/21 interest [3] 16/23 176/24 186/12 interesting [1] 210/16 intergovernmental [5] 199/13 200/7 202/5 203/3 203/20 interim [1] 96/12 intermediate [5] 2/15 6/12 171/22 179/3 202/20 interministerial [3] 202/9 202/21 203/10 intermittently [1] 202/23 internal [11] 12/1 12/11 12/20 13/8 18/8 19/18 20/24 67/7 71/23 167/17 167/21 internally [3] 12/3 12/20 18/18 international [3] 49/10 60/22 62/20 interpret [2] 178/14 179/21
----------	--	---	--	--

I	invited [2] 85/6 89/8 involve [1] 69/10 involved [17] 17/13 interrupting [1] 35/18 58/1 58/3 74/16 intervene [2] 137/25 intervention [1] 138/2 interventions [3] 184/7 interview [1] 22/22 23/5 74/6 into [75] 187/6 5/14 6/9 8/15 11/24 14/9 18/6 19/12 26/18 26/24 37/24 38/6 39/3 41/10 41/11 41/25 42/15 43/19 43/22 43/24 44/10 52/3 52/17 60/19 62/14 74/5 74/16 75/6 75/11 78/13 79/6 84/10 87/18 90/10 90/12 91/6 95/2 96/11 96/15 96/19 102/1 102/4 111/25 113/9 114/6 114/17 120/18 126/3 130/7 133/6 134/20 134/25 144/7 144/15 145/25 149/19 155/3 155/3 156/10 157/12 157/13 158/12 165/20 167/1 169/25 174/17 178/21 180/24 181/2 186/3 187/19 188/14 190/13 191/4 194/10 203/14 introduced [4] 4/4 47/9 63/21 147/24 introducing [1] 3/23 introduction [4] 46/6 72/8 103/3 103/11 invest [5] 55/7 134/24 141/16 142/3 147/4 invested [2] 133/11 134/18 investigated [1] 189/18 investigation [2] 94/19 95/4 investing [2] 120/14 141/10 investment [19] 8/17 29/9 48/16 50/13 51/14 52/4 63/25 64/17 66/3 66/3 66/8 66/10 66/11 66/14 66/16 66/25 67/5 67/6 133/2 investments [2] 62/17 65/9 invite [1] 145/23	34/20 48/3 48/7 48/8 51/22 52/21 57/8 58/23 63/11 63/11 71/22 74/8 83/5 90/24 92/4 92/5 93/24 94/6 119/24 129/25 142/1 156/25 179/1 188/10 188/25 205/2 involvement [12] 110/11 112/5 113/17 113/22 115/4 118/4 126/24 131/6 135/5 135/10 135/17 135/17 138/16 138/20 138/24 140/2 140/17 140/19 140/20 141/6 141/22 142/17 142/22 143/21 144/13 144/21 144/24 147/2 147/2 147/7 147/7 149/10 150/10 151/15 151/24 153/15 154/4 161/22 165/17 166/8 167/20 168/17 173/3 176/25 184/18 193/11 194/2 194/15 194/23 198/14 203/16 204/14 205/1 211/17 212/3 212/4 items [1] 143/5 iteration [2] 72/16 72/22 its [57] 4/4 9/5 10/25 11/25 12/1 13/25 17/20 23/12 23/13 23/14 23/15 28/14 31/4 31/5 31/12 39/11 31/4 31/5 31/12 39/11 51/23 52/24 54/16 54/16 60/2 61/12 64/4 67/10 67/11 67/16 68/14 70/25 81/7 100/7 102/1 110/2 118/24 131/16 134/25 138/6 138/13 140/5 164/19 170/12 173/16 174/17 176/1 176/15 178/2 178/5 182/1 182/24 189/13 190/13 194/20 195/20 198/8 202/13 205/12 205/12 210/12 itself [12] 7/22 13/3 26/23 41/23 57/25 158/3 168/16 169/21 173/18 196/10 196/10 204/13	January 2016 [1] 181/19 January 2018 [3] 68/25 190/4 190/8 January 2020 [6] 78/11 104/21 105/13 119/9 146/22 196/20 JMC [4] 201/8 201/17 201/25 202/3 job [5] 111/10 157/17 163/8 193/12 193/21 jobs [1] 207/13 John [1] 210/18 join [1] 89/8 joint [3] 41/6 189/21 201/8 jointly [1] 176/11 Jones [2] 77/1 77/7 journey [1] 106/6 July [10] 1/1 7/25 47/11 76/15 81/1 104/23 137/10 199/3 204/9 214/2 K KC [1] 104/17 keenly [1] 160/2 keep [5] 10/11 34/20 46/15 155/2 209/13 keeping [1] 47/2 Keith [3] 154/13 194/21 213/14 kept [2] 16/9 96/6 key [8] 42/18 59/17 60/5 60/10 77/16 84/17 131/10 135/11 kick [1] 13/7 kickstarts [1] 139/15 Kilpatrick [2] 25/7 137/14 Kilpatrick's [1] 45/14 kind [2] 25/25 123/22 kindly [1] 49/1 Kingdom [31] 2/2 3/7 3/14 14/3 14/4 23/17 26/14 26/15 31/4 34/23 87/11 109/3 112/19 113/4 132/15 145/22 157/22 159/4 159/21 160/6 162/7 169/17 170/15 171/4 171/15 181/2 186/9 195/9 199/1 199/14 200/6 Kirsten [1] 207/7 Kirsten Heaven [1] 207/7 Kitty [1] 160/20 knew [12] 110/9 110/18 120/17 121/6 123/9 133/17 134/15 151/5 185/2 185/4 208/4 210/11 know [81] 3/10 3/23 3/23 4/3 5/11 6/10 15/7 17/13 17/19 25/20 27/19 30/16 33/15 33/15 46/14 51/24 55/11 57/4 78/10 80/5 83/23 84/1 92/3 92/10 96/24 97/16 101/2 101/3 109/7 110/5 110/16 110/17 118/24 125/5 125/17 128/25 132/19 132/24 133/1 135/15 137/22 138/3 138/20 139/11 139/12 139/13 141/17 141/23 144/11
J	Jane [1] 201/13 Jane Ellison [1] 201/13 January [16] 68/25 78/11 83/18 86/8 104/21 105/13 118/22 119/1 119/9 146/22 181/19 190/4 190/8	161/22 162/14 169/10 172/2 173/17 176/21 177/11 178/11 180/1 182/5 184/1 184/22 188/21 192/13 195/2 206/19 207/10 207/22 209/9 209/18 210/5 210/18 212/1	(72) interrupt - know

K	<p>know... [32] 144/15 145/1 145/19 146/18 147/18 149/6 159/20 165/10 165/17 165/21 165/24 167/4 170/9 176/20 181/14 185/3 185/25 193/23 201/6 201/21 202/8 204/11 207/8 207/21 208/9 208/11 208/25 209/12 209/13 210/6 211/11 212/5</p> <p>knowing [1] 150/25</p> <p>knowledge [14] 26/5 58/24 107/15 109/15 117/21 119/6 119/21 120/2 126/17 129/2 136/20 188/12 206/20 212/2</p> <p>known [8] 20/17 29/8 60/12 72/1 155/5 168/13 188/17 210/13</p> <p>Korea [1] 141/24</p>	<p>142/23 163/11 209/1</p> <p>latest [2] 2/4 125/21</p> <p>latter [3] 10/2 32/7 60/15</p> <p>Laura [1] 145/15</p> <p>law [2] 107/21 157/5</p> <p>lay [3] 119/17 133/24 202/2</p> <p>layman [2] 119/5 119/11</p> <p>lead [16] 1/4 57/7 63/23 68/24 71/13 79/19 88/6 99/7 150/23 150/23 151/11 154/16 155/15 215/4 215/7 215/19</p> <p>leaders [1] 15/22</p> <p>leadership [8] 6/8 8/5 45/21 59/15 67/13 79/13 80/13 181/22</p> <p>leading [3] 35/21 35/22 206/3</p> <p>learn [1] 46/14</p> <p>learned [8] 11/6 19/14 46/5 105/21 140/22 183/2 183/17 189/19</p> <p>learning [17] 41/7 41/8 41/10 41/24 67/17 99/4 126/15 130/5 130/9 130/12 130/18 131/10 132/5 132/18 185/1 189/20 189/22</p> <p>learnt [4] 7/2 26/22 41/5 189/7</p> <p>least [10] 56/6 67/23 77/16 97/20 103/20 103/23 120/10 172/17 175/14 176/7</p> <p>leave [2] 64/24 77/7</p> <p>leaving [5] 175/24 191/6 192/5 192/12 194/1</p> <p>led [8] 8/21 41/12 49/3 88/4 129/7 136/25 150/20 201/15</p> <p>left [5] 88/15 88/21 92/5 151/2 192/20</p> <p>left-hand [1] 92/5</p> <p>legal [4] 15/21 44/2 81/6 158/14</p> <p>legality [1] 158/9</p> <p>legally [2] 157/9 157/12</p> <p>legislation [6] 86/19 156/9 156/10 157/14 157/23 193/20</p> <p>legislative [1] 158/8</p> <p>length [1] 141/5</p> <p>lens [1] 128/8</p> <p>less [3] 98/21 125/4 193/14</p> <p>lesson [1] 126/15</p>	<p>likes [1] 127/24</p> <p>likewise [2] 62/12 68/1</p> <p>limited [6] 13/5 35/1 86/11 125/13 125/14 152/24</p> <p>line [5] 7/6 30/14 89/3 125/24 185/6</p> <p>link [2] 43/15 109/11</p> <p>links [2] 8/17 199/1</p> <p>list [7] 13/12 30/5 30/5 100/2 103/14 146/14 182/3</p> <p>literally [2] 27/1 56/14</p> <p>little [8] 10/18 13/14 103/17 176/9 182/9 184/24 205/14 211/2</p> <p>live [5] 11/9 82/1 114/20 135/18 152/17</p> <p>lived [2] 110/19 185/11</p> <p>lives [1] 192/25</p> <p>Llanelli [1] 185/24</p> <p>LLP [1] 107/21</p> <p>load [1] 24/7</p> <p>loaded [1] 144/24</p> <p>loads [1] 196/1</p> <p>local [77] 2/13 2/14 2/18 2/22 2/25 3/2 3/4 3/18 5/13 25/16 25/17 27/6 27/15 27/17 27/21 27/22 28/6 28/9 28/24 31/9 31/12</p> <p>levels [5] 24/7 165/25 166/13 166/19 171/25</p> <p>liaising [1] 69/14</p> <p>liaison [1] 8/17</p> <p>lie [2] 167/5 170/24</p> <p>lies [3] 184/9 201/25 202/3</p> <p>life [7] 34/16 124/23 125/16 191/19 191/23</p> <p>light [1] 180/4</p> <p>like [38] 7/13 19/3 23/22 30/14 34/3 47/7 47/21 48/24 50/25</p> <p>light [1] 180/4</p> <p>like [38] 7/13 19/3 52/25 55/13 59/7 62/20 71/1 74/22 75/13 78/20 83/17</p> <p>likely [11] 32/10 90/2 92/7 98/11 98/15 103/16 112/11 116/14 120/11 123/19 124/12 124/19 134/9 135/2 142/14 142/24 156/4 186/1 198/23</p> <p>liked [1] 106/10</p> <p>likely [11] 32/10 90/2 114/9 114/16 138/20 138/24 169/3 186/8 188/20 211/21 212/21</p> <p>locked [1] 91/1</p> <p>locking [1] 46/13</p>	<p>London [6] 151/23 152/9 156/12 170/15 181/2 205/22</p> <p>long [17] 40/14 57/5 97/18 100/2 105/17 123/8 125/1 125/20 125/24 127/10 133/13 133/17 143/6 163/24 199/13 200/5 212/15</p> <p>long term [1] 125/24</p> <p>long-held [1] 200/5</p> <p>long-term [1] 133/13</p> <p>longer [9] 15/4 18/23 50/4 74/1 126/14 159/14 192/1 192/22 194/11</p> <p>look [57] 4/12 6/21 13/2 30/25 35/12 41/10 44/15 54/4 54/6 71/1 71/4 72/6 73/8 74/20 76/12 76/20 76/22 77/10 77/18 78/4 78/20 78/21 80/1 80/19 81/2 83/17 84/4 86/13 91/24 92/1 93/1 94/8 95/14 96/1 97/1 98/16 99/1 100/1 101/1 102/1 103/1 104/1 105/1 118/9 135/1 142/14 142/24 148/9 148/17 148/23 150/12 165/16 167/23 178/6 182/18 193/1</p> <p>looked [11] 17/24 23/11 42/4 75/21 92/3 93/6 98/13 112/25 115/1 141/23 172/16 172/17 172/20 172/21 172/22 172/23 172/24 172/25 172/26 172/27 172/28 172/29 172/30 172/31 172/32 172/33 172/34 172/35 172/36 172/37 172/38 172/39 172/40 172/41 172/42 172/43 172/44 172/45 172/46 172/47 172/48 172/49 172/50 172/51 172/52 172/53 172/54 172/55 172/56 172/57 172/58 172/59 172/60 172/61 172/62 172/63 172/64 172/65 172/66 172/67 172/68 172/69 172/70 172/71 172/72 172/73 172/74 172/75 172/76 172/77 172/78 172/79 172/80 172/81 172/82 172/83 172/84 172/85 172/86 172/87 172/88 172/89 172/90 172/91 172/92 172/93 172/94 172/95 172/96 172/97 172/98 172/99 172/100 172/101 172/102 172/103 172/104 172/105 172/106 172/107 172/108 172/109 172/110 172/111 172/112 172/113 172/114 172/115 172/116 172/117 172/118 172/119 172/120 172/121 172/122 172/123 172/124 172/125 172/126 172/127 172/128 172/129 172/130 172/131 172/132 172/133 172/134 172/135 172/136 172/137 172/138 172/139 172/140 172/141 172/142 172/143 172/144 172/145 172/146 172/147 172/148 172/149 172/150 172/151 172/152 172/153 172/154 172/155 172/156 172/157 172/158 172/159 172/160 172/161 172/162 172/163 172/164 172/165 172/166 172/167 172/168 172/169 172/170 172/171 172/172 172/173 172/174 172/175 172/176 172/177 172/178 172/179 172/180 172/181 172/182 172/183 172/184 172/185 172/186 172/187 172/188 172/189 172/190 172/191 172/192 172/193 172/194 172/195 172/196 172/197 172/198 172/199 172/200 172/201 172/202 172/203 172/204 172/205 172/206 172/207 172/208 172/209 172/210 172/211 172/212 172/213 172/214 172/215 172/216 172/217 172/218 172/219 172/220 172/221 172/222 172/223 172/224 172/225 172/226 172/227 172/228 172/229 172/230 172/231 172/232 172/233 172/234 172/235 172/236 172/237 172/2</p>
----------	---	---	---	--

M	96/22 104/13 178/22 machinery... [1] 203/13 made [42] 6/2 6/23 7/3 7/9 29/9 32/20 33/5 38/16 51/12 51/13 54/15 61/13 62/1 62/18 65/9 65/15 66/3 66/15 66/25 72/1 85/7 86/11 98/20 106/9 106/9 122/14 132/5 133/4 134/19 140/3 147/15 147/15 152/16 157/24 159/2 193/9 198/16 199/3 200/20 201/1 204/19 205/5 main [6] 1/25 31/17 35/20 52/6 52/12 61/4 maintain [2] 40/22 149/25 maintained [1] 108/2 maintenance [3] 2/2 2/6 197/1 major [25] 8/4 8/8 9/22 19/21 26/10 47/19 47/20 52/11 52/23 53/15 88/12 92/1 92/12 95/17 102/21 103/7 113/13 144/14 158/21 181/21 182/13 182/13 195/11 195/20 197/24 majority [1] 183/13 make [41] 8/14 12/13 15/18 40/23 44/15 46/3 46/7 55/2 69/19 113/19 115/11 116/24 123/3 138/8 139/8 141/19 142/8 148/8 152/6 153/14 159/6 159/7 163/14 163/20 164/17 174/12 174/17 175/19 176/23 176/24 177/21 178/4 178/4 179/20 180/2 184/22 188/21 191/11 192/17 193/8 198/10 makers [1] 158/13 making [12] 27/12 32/15 38/20 55/21 60/5 123/25 138/1 144/3 158/12 159/17 180/21 192/7 man [1] 57/13 manage [4] 33/17 77/14 105/9 162/4 managed [5] 30/14 171/18 177/5 179/11 180/14 management [9] 50/22 60/1 81/11 92/12 95/21 96/10	75/5 75/7 89/19 89/21 manager [5] 63/23 68/21 68/24 70/22 79/19 Managing [4] 52/11 52/23 92/1 113/13 Mann [1] 100/6 manner [2] 16/7 61/18 manoeuvred [1] 13/11 many [20] 37/20 46/10 46/14 50/3 50/12 51/22 74/24 93/13 103/8 157/18 158/16 161/11 163/12 165/4 165/4 179/12 181/3 186/7 191/13 196/22 March [10] 25/9 78/9 91/3 143/6 150/3 153/2 153/4 155/7 175/15 209/21 March 2013 [2] 155/7 209/21 March 2020 [7] 25/9 78/9 91/3 143/6 153/2 153/4 175/15 marginalised [1] 205/18 mark [4] 154/15 154/19 168/12 215/18 Mark Drakeford [1] 154/19 marked [1] 39/17 masks [1] 143/8 mass [2] 22/22 93/8 massively [1] 97/1 material [4] 57/11 184/9 195/16 198/15 materially [1] 197/8 maternity [2] 126/3 126/4 maths [1] 149/6 matter [12] 84/2 149/5 149/6 161/22 174/23 175/10 175/14 175/16 177/9 177/21 191/19 208/20 mattered [1] 197/7 matters [20] 1/20 1/20 33/11 34/16 39/14 55/14 56/15 81/19 81/23 156/14 156/21 157/11 157/12 157/13 157/14 165/9 188/6 192/10 199/5 211/14 maximum [1] 9/9 may [62] 3/8 3/13 5/1 6/15 7/14 10/18 10/25 15/18 16/18 18/19 24/5 26/8 40/2 52/24 56/3 57/10 58/12 59/2	75/5 75/2 75/9 75/10 108/1 108/5 109/18 110/12 111/11 112/12 115/5 117/14 121/12 127/8 139/4 139/15 161/18 162/6 165/25 168/6 187/15 187/23 198/10 212/25 213/5 213/6 224/12 224/21 224/23 235/12 235/21 235/22 246/12 246/21 246/23 257/12 257/21 257/22 268/12 268/21 268/23 279/12 279/21 279/22 290/12 290/21 290/23 301/12 301/21 301/22 312/12 312/21 312/23 323/12 323/21 323/22 334/12 334/21 334/22 345/12 345/21 345/22 356/12 356/21 356/22 367/12 367/21 367/22 378/12 378/21 378/22 389/12 389/21 389/22 390/12 390/21 390/23 401/12 401/21 401/22 412/12 412/21 412/22 423/12 423/21 423/22 434/12 434/21 434/22 445/12 445/21 445/22 456/12 456/21 456/22 467/12 467/21 467/22 478/12 478/21 478/22 489/12 489/21 489/22 490/12 490/21 490/23 501/12 501/21 501/22 512/12 512/21 512/22 523/12 523/21 523/22 534/12 534/21 534/22 545/12 545/21 545/22 556/12 556/21 556/22 567/12 567/21 567/22 578/12 578/21 578/22 589/12 589/21 589/22 590/12 590/21 590/23 601/12 601/21 601/22 612/12 612/21 612/22 623/12 623/21 623/22 634/12 634/21 634/22 645/12 645/21 645/22 656/12 656/21 656/22 667/12 667/21 667/22 678/12 678/21 678/22 689/12 689/21 689/22 690/12 690/21 690/23 701/12 701/21 701/22 712/12 712/21 712/22 723/12 723/21 723/22 734/12 734/21 734/22 745/12 745/21 745/22 756/12 756/21 756/22 767/12 767/21 767/22 778/12 778/21 778/22 789/12 789/21 789/22 790/12 790/21 790/23 801/12 801/21 801/22 812/12 812/21 812/22 823/12 823/21 823/22 834/12 834/21 834/22 845/12 845/21 845/22 856/12 856/21 856/22 867/12 867/21 867/22 878/12 878/21 878/22 889/12 889/21 889/22 890/12 890/21 890/23 901/12 901/21 901/22 912/12 912/21 912/22 923/12 923/21 923/22 934/12 934/21 934/22 945/12 945/21 945/22 956/12 956/21 956/22 967/12 967/21 967/22 978/12 978/21 978/22 989/12 989/21 989/22 990/12 990/21 990/23 1001/12 1001/21 1001/22 1012/12 1012/21 1012/22 1023/12 1023/21 1023/22 1034/12 1034/21 1034/22 1045/12 1045/21 1045/22 1056/12 1056/21 1056/22 1067/12 1067/21 1067/22 1078/12 1078/21 1078/22 1089/12 1089/21 1089/22 1090/12 1090/21 1090/23 1101/12 1101/21 1101/22 1112/12 1112/21 1112/22 1123/12 1123/21
----------	--	--	---

M	modest [1] 192/11 modifications [1] 170/6 module [6] 56/9 71/2 82/21 144/16 149/19 155/14 Module 1 [2] 71/2 82/21 Module 2 [2] 144/16 149/19 modules [1] 142/24 molecular [1] 66/12 moment [11] 4/23 36/7 61/2 74/21 76/12 76/21 98/12 98/15 117/20 154/1 163/3 moments [2] 178/12 178/20 money [16] 142/6 160/14 160/15 160/16 160/22 161/5 161/6 161/15 161/20 161/23 161/23 161/24 162/3 162/5 162/11 169/18 monitoring [3] 169/7 170/1 177/5 month [2] 193/23 193/23 monthly [1] 120/10 months [6] 47/12 109/19 122/9 139/14 175/14 210/10 more [76] 3/2 4/1 10/18 11/12 11/21 12/3 13/7 14/16 18/8 18/15 19/1 22/23 23/4 25/16 29/12 30/22 34/2 36/25 37/5 39/19 42/16 50/20 55/7 55/8 56/22 60/19 77/19 90/8 91/24 92/15 92/22 95/8 100/6 101/14 110/21 115/1 117/3 120/1 126/16 128/4 132/8 132/8 133/6 134/11 135/5 138/7 139/11 140/3 140/9 141/9 141/11 141/17 142/5 142/6 147/4 147/4 147/12 148/21 152/12 152/12 157/8 161/11 161/16 162/20 163/1 163/2 163/8 166/18 168/18 184/2 184/10 185/13 193/15 202/23 206/15 206/18 Morgan [1] 207/17 morning [6] 1/5 1/6 46/24 60/20 117/8 126/20 mortuary [2] 149/24 151/4 most [21] 34/10	34/15 40/3 64/21 68/8 82/14 97/12 99/24 111/1 111/7 114/9 114/16 123/19 136/17 141/4 150/9 150/11 150/24 177/25 186/8 206/11 motion [1] 170/4 mouth [1] 157/4 move [7] 10/15 74/20 95/12 101/12 126/11 146/16 149/22 moved [3] 6/7 45/2 124/4 moves [1] 165/20 moving [11] 8/23 32/6 32/7 39/13 89/24 116/18 116/21 116/25 money [16] 142/6 160/14 160/15 160/16 160/22 161/5 161/6 161/15 161/20 161/23 161/23 161/24 162/3 162/5 162/11 169/18 monitoring [3] 169/7 170/1 177/5 month [2] 193/23 193/23 monthly [1] 120/10 months [6] 47/12 109/19 122/9 139/14 175/14 210/10 more [76] 3/2 4/1 10/18 11/12 11/21 12/3 13/7 14/16 18/8 18/15 19/1 22/23 23/4 25/16 29/12 30/22 34/2 36/25 37/5 39/19 42/16 50/20 55/7 55/8 56/22 60/19 77/19 90/8 91/24 92/15 92/22 95/8 100/6 101/14 110/21 115/1 117/3 120/1 126/16 128/4 132/8 132/8 133/6 134/11 135/5 138/7 139/11 140/3 140/9 141/9 141/11 141/17 142/5 142/6 147/4 147/4 147/12 148/21 152/12 152/12 157/8 161/11 161/16 162/20 163/1 163/2 163/8 166/18 168/18 184/2 184/10 185/13 193/15 202/23 206/15 206/18 Morgan [1] 207/17 morning [6] 1/5 1/6 46/24 60/20 117/8 126/20 mortuary [2] 149/24 151/4 most [21] 34/10	Mr Hancock [1] 123/12 Mr Hunt [3] 122/2 122/21 123/13 Mr Hunt's [2] 123/1 141/23 Mr Keith [3] 154/13 194/21 213/14 Mr Kilpatrick [2] 25/7 137/14 Mr Kilpatrick's [1] 45/14 Mr Sunak [1] 202/18 Mr Vaughan Gething [2] 16/17 35/24 MS [22] 46/23 58/11 102/13 104/3 104/17 106/13 106/15 107/4 144/3 145/12 145/14 149/10 151/11 153/19 207/4 207/5 209/10 213/13 215/6 215/12 215/16 215/21 Ms Blackwell [4] 58/11 106/15 107/4 144/3 Ms Blackwell KC [1] 104/17 Ms Heaven [2] 207/4 213/13 Ms Shepherd [5] 104/3 106/13 149/10 151/11 153/19 much [40] 1/18 11/12 13/7 13/11 36/12 182/15 186/10 187/4 187/25 193/8 194/5 194/21 194/25 195/7 196/19 198/10 202/18 203/6 205/8 206/24 213/16 215/14 215/18 Mr Atherton [2] 137/13 137/16 Mr Drakeford [24] 154/20 155/1 155/5 162/7 166/5 168/1 169/19 173/13 173/25 Mr Drakeford's [1] 154/4 Mr Gething [14] 107/9 112/11 112/21 119/10 122/16 124/16 130/24 136/1 140/15 144/17 145/7 153/23 186/10 187/4 Mr Gething's [1] 154/4 Mr Goulding [1] 210/13	57/4 58/12 59/2 60/23 77/7 83/9 85/17 86/2 90/24 96/24 100/22 100/24 102/7 102/8 102/14 104/6 106/12 106/23 107/5 108/15 108/24 109/4 109/10 110/10 111/6 111/9 111/24 113/11 113/21 119/5 121/18 121/25 122/7 122/11 123/2 124/1 124/2 124/6 124/15 126/6 126/10 128/4 128/18 128/20 129/20 130/8 130/12 132/16 132/23 133/11 133/24 134/11 138/24 144/8 144/12 152/12 153/15 153/19 153/22 154/20 158/6 160/19 186/5 196/10 200/1 212/25 213/11 213/13 213/16 multi [4] 35/18 70/7 95/1 128/13 multi-agency [3] 35/18 70/7 128/13 multilateral [1] 205/3 multiple [3] 94/18 95/4 95/9 multitude [2] 183/10 199/3 must [9] 5/23 16/1 16/3 103/20 103/23 104/9 179/12 188/6 210/25 mutual [1] 199/5 my [104] 12/6 17/4 26/1 27/19 34/4 39/2 46/19 57/1 57/1 57/3 207/7 named [1] 136/6 namely [1] 13/25 narrow [1] 100/4 nation [1] 131/19 national [51] 1/12 1/24 2/4 2/10 3/6 7/8 8/6 25/18 25/25 28/12 32/19 32/22 34/1 36/20 43/18 43/21 43/22 48/9 48/17 49/11 49/23 54/17 55/6 55/24 60/10 61/6
N	name [6] 83/24 108/3 145/15 154/17 187/22 207/7 named [1] 136/6 namely [1] 13/25 narrow [1] 100/4 nation [1] 131/19 national [51] 1/12 1/24 2/4 2/10 3/6 7/8 8/6 25/18 25/25 28/12 32/19 32/22 34/1 36/20 43/18 43/21 43/22 48/9 48/17 49/11 49/23 54/17 55/6 55/24 60/10 61/6	(75) ministerial... - national	PHT000000014_0075	

N	needs [12] 32/1 32/2 32/19 54/7 100/5 100/18 100/23 101/18 103/12 125/23 179/9 180/5 Negative [2] 103/20 103/24 neither [1] 198/17 NERVTAG [4] 67/21 67/25 68/3 68/5 network [1] 65/13 never [16] 39/12 42/10 42/21 43/1 43/10 67/22 123/16 125/9 125/10 170/11 180/16 188/3 190/7 191/9 191/12 201/6 nevertheless [3] 167/8 178/1 205/13 new [34] 6/4 45/1 46/6 50/13 54/20 54/24 118/5 135/5 159/10 159/19 160/8 161/2 161/3 161/4 161/5 162/1 163/15 164/14 164/19 169/4 169/13 169/25 174/8 177/6 180/4 180/5 180/11 181/1 202/11 203/12 203/13 203/19 203/21 204/4 Newcastle [2] 151/24 152/9 newly [1] 110/24 next [11] 36/5 48/25 50/5 50/17 81/12 81/15 84/13 103/13 132/22 177/3 213/18 NHS [12] 30/14 34/7 36/1 51/21 77/13 88/22 92/16 93/8 103/4 109/11 120/9 134/20 NHS trusts [1] 88/22 NHS Wales [4] 77/13 92/16 103/4 120/9 no [113] 2/15 5/4 5/10 5/19 5/21 5/21 7/7 10/2 11/13 11/14 15/4 18/22 42/1 42/10 43/2 43/18 43/21 46/18 50/3 61/16 64/18 67/24 77/3 81/17 82/3 83/9 84/1 85/6 85/24 86/2 88/8 89/2 89/6 89/6 93/22 99/15 99/20 105/8 109/4 109/9 109/9 109/15 109/17 109/17 111/16 111/23 113/5 113/23 115/8 118/1 118/15 118/18 119/20 120/22 120/24 120/24 121/8 121/15 123/11	127/1 128/12 128/18 129/4 129/7 131/22 132/11 135/21 135/25 144/5 146/2 151/21 152/3 153/6 159/14 159/20 160/13 160/16 163/3 164/23 165/7 166/18 167/11 167/11 171/9 171/12 172/3 172/9 172/18 173/14 173/20 175/2 175/8 178/4 178/9 190/13 190/23 191/25 192/22 194/11 196/13 197/11 197/15 198/11 199/9 201/23 203/13 203/19 203/21 204/4 non [8] 22/22 23/4 24/5 44/8 74/6 74/13 75/8 92/18 non-pharmaceutical [3] 22/22 23/4 74/6 non-self-assessment [1] 44/8 non-statutory [2] 74/13 92/18 none [8] 19/24 24/7 84/12 105/7 187/16 188/1 188/6 197/6 nor [3] 111/17 187/14 198/17 normal [4] 53/6 91/15 159/11 176/17 normally [3] 7/18 89/20 120/9 north [2] 172/7 172/9 North Wales [1] 172/9 Northern [2] 202/16 208/8 Northern Ireland [1] 202/16 Northern Irish [1] 208/8 northwest [1] 192/16 not [246] notably [1] 84/19 note [3] 17/15 97/6 97/22 noted [3] 85/2 85/19 169/20 notes [3] 77/9 131/1 182/6 nothing [9] 91/8 105/14 118/3 118/10 118/10 134/5 148/6 188/19 201/22 notion [1] 205/6	noughties [1] 96/2 novel [9] 22/19 78/12 78/18 180/16 210/24 211/1 211/16 212/3 212/11 November [5] 28/19 31/19 68/25 72/19 155/10 November 2016 [1] 72/19 November 2017 [1] 155/10 November 2020 [1] 68/25 now [64] 2/4 3/23 4/20 5/24 6/15 9/25 10/15 11/3 22/16 25/6 26/8 46/5 60/21 70/24 71/1 78/19 83/17 83/20 84/21 88/11 88/24 89/16 94/16 100/4 100/18 101/5 103/2 104/1 107/18 109/17 110/11 112/21 126/1 126/17 129/5 132/12 134/3 135/13 135/14 142/23 145/10 146/16 149/22 155/15 161/11 168/17 172/5 174/17 175/6 177/14 179/12 180/5 185/3 187/22 189/2 192/4 193/22 198/25 204/6 208/21 210/4 210/16 210/21 211/10 NR [1] 136/12 NSRA [1] 2/4 number [44] 2/3 9/14 11/10 22/16 22/20 29/11 31/21 33/6 37/3 39/24 47/24 49/24 67/3 115/5 116/9 116/20 120/6 123/4 126/8 128/20 131/1 135/9 141/7 147/10 150/5 152/7 152/20 152/24 153/8 155/3 155/14 156/14 156/18 161/12 165/8 176/12 178/11 179/6 181/10 182/25 183/15 184/19 192/9 208/7 Number 2 [1] 178/11 numbers [7] 33/18 34/3 34/22 53/5 115/21 140/11 152/5 nurse [1] 152/22 Nursing [1] 145/23 O o'clock [2] 154/9 213/23 OBE [1] 58/13 objectives [1] 31/15	obliged [1] 157/10 obligation [2] 172/1 172/11 obligations [2] 68/15 168/20 obliged [1] 7/16 observation [1] 10/11 observations [1] 179/20 observe [1] 187/20 observing [2] 39/8 76/14 obvious [2] 184/18 212/17 obviously [31] 13/1 17/19 21/2 25/18 35/2 35/9 37/15 42/12 56/9 76/15 90/13 108/24 110/10 110/18 112/6 114/11 114/19 118/8 118/16 119/2 119/18 121/13 133/25 175/11 187/11 191/7 194/22 207/21 208/11 212/2 212/5 occasion [2] 83/25 182/19 occasional [1] 125/7 occasionally [1] 88/6 occasions [2] 120/6 120/18 October [22] 31/8 35/8 35/9 52/12 60/16 62/4 92/4 102/24 108/11 110/4 129/18 131/8 131/21 132/1 173/23 174/22 175/15 190/10 190/11 190/22 210/3 210/9 October 2009 [1] 62/4 October 2012 [1] 60/16 October 2013 [2] 210/3 210/9 October 2014 [2] 31/8 52/12 October 2016 [4] 35/8 35/9 129/18 132/1 October 2018 [4] 174/22 175/15 190/11 190/22 off [7] 12/13 15/25 31/11 141/1 145/18 197/10 209/16 offer [1] 181/10 office [21] 1/25 2/12 84/20 92/17 96/25 99/1 99/8 113/2 113/8 114/1 114/22 115/7 120/20 121/4 121/22 124/23 126/22 160/11
----------	--	--	---	--

O	ongoing [4] 84/10 104/23 111/4 180/1 only [20] 3/3 3/18 3/18 34/25 37/2 39/23 65/23 66/4 70/9 85/16 116/15 124/3 127/19 158/16 162/9 165/22 171/14 180/20 186/25 208/14 onset [2] 120/20 196/19 onwards [3] 46/12 52/14 112/7 opaque [1] 11/12 operate [8] 160/4 160/5 167/6 196/17 200/25 201/10 201/11 201/18 operated [4] 60/3 141/3 201/9 203/2 operating [1] 49/12 operation [12] 11/23 12/21 12/24 13/22 20/8 42/13 45/3 109/25 114/7 117/20 127/20 192/4 Operation Cygnus [3] 109/25 114/7 117/20 Operation Yellowhammer [4] 20/8 42/13 45/3 192/4 operational [2] 80/13 84/16 operationalisation [1] 70/17 operations [2] 10/25 182/24 opportunities [2] 22/24 124/1 opportunity [2] 16/12 208/19 opposed [2] 27/9 182/13 optimal [1] 105/10 optimum [1] 161/14 or [185] 3/10 3/11 3/13 4/8 4/25 9/3 9/6 9/23 10/1 10/24 14/5 16/2 16/23 16/23 17/1 18/1 18/20 19/11 20/2 20/5 20/9 20/16 21/10 21/24 23/7 24/8 26/14 28/2 28/3 29/2 30/2 30/19 31/4 32/5 38/2 38/20 39/25 43/16 49/21 52/6 67/22 72/11 72/11 74/16 74/24 76/3 78/10 80/4 81/17 81/22 82/8 82/16 89/3 89/11 90/11 90/11 90/20 90/22 90/23 91/1 91/3 91/4 91/15 97/20	98/21 99/4 99/17 99/18 108/10 111/15 114/14 115/15 116/13 116/18 116/18 116/19 116/21 117/10 117/13 117/23 118/5 118/12 118/19 119/6 119/15 119/16 119/20 120/12 122/9 122/23 122/23 127/4 127/21 128/14 138/10 139/10 139/18 139/22 141/5 144/14 146/15 148/21 150/24 151/17 151/25 153/4 157/10 158/20 168/12 168/12 171/6 172/2 172/12 173/23 174/9 176/21 177/4 181/18 182/2 184/22 185/20 191/12 192/13 202/18 203/1 204/9 204/9 207/10 one page [1] 36/24 ones [2] 178/6 192/2	120/5 120/6 120/11 120/16 organisation [20] 1/17 1/19 1/21 7/20 7/22 11/23 11/25 12/21 13/22 15/16 18/17 18/18 27/19 42/14 45/6 61/5 62/3 63/14 66/18 78/13 organisation's [1] 72/10 Organisational [2] 41/7 189/22 organisations [16] 16/5 28/10 36/16 36/18 36/21 41/18 43/15 44/13 54/25 61/6 83/7 88/16 90/4 93/17 131/12 176/12 organisms [1] 103/15 other [62] 7/13 10/1 12/8 13/1 14/17 39/14 49/22 53/13 59/19 61/6 62/9 62/17 62/20 67/23 74/18 74/20 76/11 81/19 82/3 83/7 83/22 86/17 88/8 91/11 96/19 108/17 116/3 123/14 124/13 125/4 125/17 126/11 130/11 133/3 136/19 137/23 137/23 141/22 145/24 155/3 156/14 158/11 158/17 159/24 161/14 162/21 165/8 176/12 186/2 193/6 193/14 193/25 194/12 196/5 199/23 203/18 204/12 204/20 204/23 211/7 211/23 212/21 118/17 178/2 178/3 201/10 otherwise [4] 148/2 159/23 175/11 185/14 ought [2] 198/3 201/1 our [91] 1/13 1/13 1/16 2/19 4/12 4/18 4/19 4/20 5/7 6/10 6/13 7/2 12/9 12/12 12/19 13/6 13/8 16/1 16/10 17/18 22/9 26/2 29/15 29/15 34/7 36/12 37/23 39/13 43/11 45/2 46/16 46/16 48/17 56/13 62/12 63/15 63/19 63/22 64/7 64/14 65/9 65/10 66/6 66/8 68/21
----------	--	---	--

O	104/1 104/10 104/11 105/6 107/13 131/9 142/24 143/3 148/17 148/18 150/13 150/14 165/18 166/7 166/9 166/9 166/18 167/23 168/23 168/24 169/10 177/2 177/11 177/16 179/6 179/10 179/10 181/19 182/5 182/8 182/19 215/2 page 1 [2] 181/19 182/8 page 10 [1] 73/8 page 11 [2] 166/9 166/18 page 13 [4] 29/2 88/9 104/1 104/10 page 14 [1] 105/6 page 2 [8] 31/20 71/8 79/1 81/2 84/5 86/14 94/15 103/2 page 20 [1] 107/13 page 21 [1] 142/24 page 25 [1] 98/18 page 3 [3] 103/13 168/23 168/24 page 31 [1] 89/15 page 33 [2] 177/2 177/16 page 34 [1] 179/6 page 35 [2] 177/11 179/10 page 4 [2] 36/14 77/9 page 5 [3] 8/2 92/8 169/10 page 6 [3] 8/3 8/12 131/9 page 7 [4] 37/11 148/17 150/13 150/14 page 83 [1] 58/20 page 9 [4] 72/6 81/8 166/7 166/9 page for [1] 84/23 page there [1] 78/24 pages [2] 81/12 167/3 pages 9 [1] 167/3 pain [3] 150/20 150/23 151/11 pan [12] 8/19 23/7 23/15 24/10 24/18 26/3 92/19 118/22 165/18 166/8 196/8 199/5 pan-Wales [10] 23/7 23/15 24/10 24/18 26/3 92/19 118/22 165/18 166/8 196/8 pandemic [218] pandemics [1] 114/10 panic [1] 194/25 pantheon [1] 27/3	paper [3] 7/3 47/10 172/17 papers [5] 75/24 117/23 118/12 136/8 205/21 paperwork [3] 5/1 181/14 197/7 paragraph [28] 31/6 48/1 50/17 53/3 61/10 64/10 64/14 64/25 72/7 77/10 78/5 84/5 85/1 86/14 86/14 92/7 96/4 103/3 115/13 130/17 131/9 132/2 140/21 142/25 169/11 paragraph 1.1 [2] 72/7 92/7 paragraph 1.26 [1] 142/25 paragraph 1.3 [1] 115/13 Paragraph 11.1 [1] 53/3 paragraph 128 [1] 48/1 paragraph 19 [1] 121/17 64/10 paragraph 3 [2] 86/14 131/9 paragraph 3.7 [1] 169/11 paragraph 35 [1] 140/21 paragraph 37 [1] 119/4 paragraph 41 [1] 61/10 paragraph 5.2 [1] 77/10 paragraph 67 [1] 130/17 paragraph 78 [1] 64/25 paragraphs [2] 92/9 168/23 paragraphs 1.3 [1] 168/23 parcel [1] 181/8 pardon [1] 126/25 Park [1] 130/2 Parliament [1] 125/11 parochial [1] 164/4 part [85] 2/14 4/20 7/8 7/9 11/19 14/11 14/13 14/24 15/4 17/4 19/10 21/21 26/17 26/24 27/5 27/9 28/4 28/11 31/3 31/5 31/13 35/2 38/17 39/8 42/16 45/5 53/24 53/24 56/3	57/15 60/25 62/11 63/10 65/24 66/5 70/15 70/16 80/1 113/17 114/6 114/11 114/12 115/12 116/22 117/4 128/22 129/14 130/20 133/9 133/18 133/20 134/13 134/18 134/23 135/17 135/17 135/25 137/2 138/16 138/21 139/13 139/13 139/25 140/11 140/11 140/28 141/9 141/9 141/30 142/7 142/7 142/32 143/5 143/5 143/35 144/3 144/3 144/37 145/11 145/11 145/19 146/9 146/9 146/21 147/7 147/7 147/9 148/5 148/5 148/7 149/13 149/13 149/15 150/11 150/11 150/13 151/9 151/9 151/11 152/7 152/7 152/9 153/13 153/13 153/15 154/11 154/11 154/17 155/9 155/9 155/11 156/7 156/7 156/9 157/13 157/13 157/15 158/11 158/11 158/17 159/13 159/13 159/15 160/11 160/11 160/13 161/9 161/9 161/11 162/7 162/7 162/9 163/13 163/13 163/15 164/11 164/11 164/17 165/9 165/9 165/11 166/7 166/7 166/9 167/13 167/13 167/15 168/11 168/11 168/17 169/13 169/13 169/15 170/11 170/11 170/13 171/9 171/9 171/11 172/7 172/7 172/9 173/13 173/13 173/15 174/11 174/11 174/17 175/9 175/9 175/11 176/7 176/7 176/9 177/13 177/13 177/15 178/11 178/11 178/17 179/13 179/13 179/15 180/11 180/11 180/13 181/9 181/9 181/11 182/7 182/7 182/9 183/13 183/13 183/15 184/11 184/11 184/17 185/9 185/9 185/11 186/7 186/7 186/9 187/13 187/13 187/15 188/11 188/11 188/17 189/13 189/13 189/15 190/11 190/11 190/13 191/9 191/9 191/11 192/7 192/7 192/9 193/13 193/13 193/15 194/11 194/11 194/17 195/9 195/9 195/11 196/7 196/7 196/9 197/13 197/13 197/15 198/11 198/11 198/17 199/13 199/13 199/15 200/11 200/11 200/13 201/9 201/9 201/11 202/7 202/7 202/9 203/13 203/13 203/15 204/11 204/11 204/17 205/9 205/9 205/11 206/7 206/7 206/9 207/13 207/13 207/15 208/11 208/11 208/17 209/13 209/13 209/15 210/11 210/11 210/13 211/9 211/9 211/11 212/7 212/7 212/9 213/13 213/13 213/15 214/11 214/11 214/17 215/9 215/9 215/11 216/7 216/7 216/9 217/13 217/13 217/15 218/11 218/11 218/17 219/9 219/9 219/11 220/7 220/7 220/9 221/13 221/13 221/15 222/11 222/11 222/17 223/9 223/9 223/11 224/7 224/7 224/9 225/13 225/13 225/15 226/11 226/11 226/17 227/9 227/9 227/11 228/7 228/7 228/9 229/13 229/13 229/15 230/11 230/11 230/17 231/9 231/9 231/11 232/7 232/7 232/9 233/13 233/13 233/15 234/11 234/11 234/17 235/9 235/9 235/11 236/7 236/7 236/9 237/13 237/13 237/15 238/11 238/11 238/17 239/9 239/9 239/11 240/7 240/7 240/9 241/13 241/13 241/15 242/11 242/11 242/17 243/9 243/9 243/11 244/7 244/7 244/9 245/13 245/13 245/15 246/11 246/11 246/17 247/9 247/9 247/11 248/7 248/7 248/9 249/13 249/13 249/15 250/11 250/11 250/17 251/9 251/9 251/11 252/7 252/7 252/9 253/13 253/13 253/15 254/11 254/11 254/17 255/9 255/9 255/11 256/7 256/7 256/9 257/13 257/13 257/15 258/11 258/11 258/17 259/9 259/9 259/11 260/7 260/7 260/9 261/13 261/13 261/15 262/11 262/11 262/17 263/9 263/9 263/11 264/7 264/7 264/9 265/13 265/13 265/15 266/11 266/11 266/17 267/9 267/9 267/11 268/7 268/7 268/9 269/13 269/13 269/15 270/11 270/11 270/17 271/9 271/9 271/11 272/7 272/7 272/9 273/13 273/13 273/15 274/11 274/11 274/17 275/9 275/9 275/11 276/7 276/7 276/9 277/13 277/13 277/15 278/11 278/11 278/17 279/9 279/9 279/11 280/7 280/7 280/9 281/13 281/13 281/15 282/11 282/11 282/17 283/9 283/9 283/11 284/7 284/7 284/9 285/13 285/13 285/15 286/11 286/11 286/17 287/9 287/9 287/11 288/7 288/7 288/9 289/13 289/13 289/15 290/11 290/11 290/17 291/9 291/9 291/11 292/7 292/7 292/9 293/13 293/13 293/15 294/11 294/11 294/17 295/9 295/9 295/11 296/7 296/7 296/9 297/13 297/13 297/15 298/11 298/11 298/17 299/9 299/9 299/11 300/7 300/7 300/9 301/13 301/13 301/15 302/11 302/11 302/17 303/9 303/9 303/11 304/7 304/7 304/9 305/13 305/13 305/15 306/11 306/11 306/17 307/9 307/9 307/11 308/7 308/7 308/9 309/13 309/13 309/15 310/11 310/11 310/17 311/9 311/9 311/11 312/7 312/7 312/9 313/13 313/13 313/15 314/11 314/11 314/17 315/9 315/9 315/11 316/7 316/7 316/9 317/13 317/13 317/15 318/11 318/11 318/17 319/9 319/9 319/11 320/7 320/7 320/9 321/13 321/13 321/15 322/11 322/11 322/17 323/9 323/9 323/11 324/7 324/7 324/9 325/13 325/13 325/15 326/11 326/11 326/17 327/9 327/9 327/11 328/7 328/7 328/9 329/13 329/13 329/15 330/11 330/11 330/17 331/9 331/9 331/11 332/7 332/7 332/9 333/13 333/13 333/15 334/11 334/11 334/17 335/9 335/9 335/11 336/7 336/7 336/9 337/13 337/13 337/15 338/11 338/11 338/17 339/9 339/9 339/11 340/7 340/7 340/9 341/13 341/13 341/15 342/11 342/11 342/17 343/9 343/9 343/11 344/7 344/7 344/9 345/13 345/13 345/15 346/11 346/11 346/17 347/9 347/9 347/11 348/7 348/7 348/9 349/13 349/13 349/15 350/11 350/11 350/17 351/9 351/9 351/11 352/7 352/7 352/9 353/13 353/13 353/15 354/11 354/11 354/17 355/9 355/9 355/11 356/7 356/7 356/9 357/13 357/13 357/15 358/11 358/11 358/17 359/9 359/9 359/11 360/7 360/7 360/9 361/13 361/13 361/15 362/11 362/11 362/17 363/9 363/9 363/11 364/7 364/7 364/9 365/13 365/13 365/15 366/11 366/11 366/17 367/9 367/9 367/11 368/7 368/7 368/9 369/13 369/13 369/15 370/11 370/11 370/17 371/9 371/9 371/11 372/7 372
----------	--	---	---

P					
perhaps... [17]	52/10 55/13 64/16 84/2 91/4 106/23 123/19 145/21 154/6 160/20 162/17 166/17 168/24 174/9 193/15 194/10 201/18	22/7 26/20 27/1 27/10 28/18 29/21 30/4 30/17 33/13 33/18 34/23 35/8 38/3 38/20 39/4 41/11 41/13 41/25 43/19 43/22 43/24 44/10 45/16 54/11 55/17 57/24 68/3 69/18 71/2 76/13 77/4 77/22 82/8 86/7 118/13 125/18 126/23 127/16 128/1 128/11 129/6 129/14 132/4 139/21 139/25 144/18 146/21 149/23 152/18 158/10 163/6 163/15 164/13 169/3 169/25 174/22 174/25 184/19 187/7 187/19 200/13 202/6	55/17 143/17 206/15 Planners [1] 150/16 planning [81] 1/13 13/4 19/22 21/9 27/9 30/12 34/2 36/3 40/10 42/9 46/16 52/7 63/20 63/22 67/16 68/23 70/21 71/14 78/20 79/12 79/18 80/9 80/12 80/14 80/19 81/4 81/10 82/10 82/18 83/21 86/4 86/19 86/25 87/3 87/19 92/16 93/9 93/14 95/10 98/4 98/25 99/9 100/7 113/10 114/3 114/8 114/10 114/13 115/17 116/1 119/17 119/25 120/23 124/19 127/7 127/12 130/7 142/10 142/25 143/13 143/18 143/25 144/9 145/1 146/1 146/3 146/12 148/9 149/11 167/18 167/20 167/25 168/4 168/11 174/2 190/23 196/11 205/14 206/16 179/12 186/16 plain [3] 164/11 198/10 198/14 plainer [1] 188/21 plainly [3] 22/16 182/21 plan [103] 8/20 11/4 19/13 19/22 19/24 22/6 22/21 23/15 23/23 24/18 24/21 25/11 25/12 25/15 25/21 25/23 26/4 39/23 52/18 54/17 69/23 71/6 72/9 72/13 72/21 72/23 73/2 73/5 74/6 74/7 74/8 74/8 78/7 80/20 80/21 82/17 84/7 84/8 84/12 90/7 92/19 92/23 94/1 94/2 94/7 94/13 94/22 94/24 95/16 95/18 95/21 95/24 96/1 96/5 96/7 96/8 96/11 96/12 96/15 96/18 96/20 96/23 97/1 97/3 97/13 97/24 98/1 98/9 98/12 98/14 98/17 99/21 100/8 100/11 100/12 100/22 101/3 101/11 101/11 101/16 116/8 118/22 119/5 125/1 125/20 127/10 133/13 134/18 135/19 142/11 144/17 144/18 144/19 144/21 149/8 151/13 165/18 166/8 183/1 195/17 196/6 196/8 206/19	94/15 95/12 95/15 96/9 98/11 100/14 102/18 103/2 103/13 104/1 105/5 107/5 107/13 107/14 131/6 131/9 142/14 142/24 143/2 145/9 148/11 148/17 150/12 154/14 154/18 155/1 156/4 169/10 176/4 176/5 177/2 181/18 182/5 182/8 182/19 184/23 198/25 207/12 213/24 pleased [1] 89/12 plenty [1] 122/12 plethora [1] 212/22 pm [7] 107/1 107/3 154/10 154/12 195/4 195/6 213/25 poet [1] 126/24 point [40] 4/14 15/18 17/15 24/23 30/21 32/7 33/20 38/25 39/23 43/5 50/5 65/22 104/11 105/6 113/18 114/7 122/10 126/14 126/15 132/5 135/25 144/3 146/8 149/10 153/13 166/25 171/1 plans [49] 2/21 2/24 5/10 11/5 12/2 12/19 15/9 16/15 22/11 26/1 26/8 26/9 29/12 29/20 33/4 33/24 36/17 38/2 42/16 43/16 44/10 55/1 71/2 73/2 83/13 91/23 93/20 93/25 94/18 94/23 95/2 95/4 96/1 96/19 97/19 111/20 111/23 127/25 131/16 135/22 138/13 138/19 139/25 151/6 169/23 169/24 183/11 183/12 195/8 platform [1] 174/8 play [3] 9/7 31/16 188/13 played [1] 56/10 players [1] 200/10 plea [1] 66/2 please [88] 1/7 7/23 10/15 10/17 11/10 13/13 18/19 26/8 27/2 28/16 29/1 29/3 31/14 31/20 35/11 47/24 49/1 58/12 58/23 59/3 61/3 63/10 66/2 71/4 71/8 72/6 72/17 73/8 73/10 74/22 77/9 77/21 78/19 79/1 80/20 81/2 81/8 81/15 83/17 84/4 84/25 86/13 87/4 88/9 89/15 91/24 92/8 92/9 94/12	94/15 95/12 95/15 96/9 98/11 100/14 102/18 103/2 103/13 104/1 105/5 107/5 107/13 107/14 131/6 131/9 142/14 142/24 143/2 145/9 148/11 148/17 150/12 154/14 154/18 155/1 156/4 169/10 176/4 176/5 177/2 181/18 182/5 182/8 182/19 184/23 198/25 207/12 213/24 positive [1] 123/3 positively [1] 198/6 possitives [1] 130/14 possessed [1] 161/8 possible [9] 16/5 54/24 115/13 117/11 133/22 163/15 193/22 206/19 212/4 possibly [1] 170/1 post [7] 65/11 75/12 111/25 113/2 119/22 161/9 210/10 post-Covid [1] 161/9 postponed [1] 31/19 posts [3] 67/4 161/3 162/1 potential [8] 30/20 78/18 110/2 110/18 176/3 178/16 196/16 211/8 potentially [3] 135/8 149/2 194/19 Poverty [1] 107/24 powered [1] 64/12 powers [14] 157/15 158/7 158/18 158/23 162/20 162/25 163/5 163/6 164/9 164/19 169/5 170/9 174/13 180/4 Powys [1] 172/5 PPE [18] 55/13 55/15 55/16 55/18 55/21 56/6 88/5 140/16 140/23 141/5 141/10 141/24 142/16 142/18 142/21 143/16 144/8 146/18 practical [1] 39/6 practically [2] 156/22 193/5 practice [5] 91/16 103/10 144/14 155/14 201/22 practices [1] 27/14 practised [1] 11/8 pragmatic [1] 122/14 pragmatically [1] 123/24 pragmatism [1] 124/11

P	<p>pre [6] 68/1 96/24 163/10 174/19 179/18 203/8</p> <p>pre-dated [2] 96/24 174/19</p> <p>pre-existing [2] 179/18 203/8</p> <p>pre-pandemic [1] 68/1</p> <p>preceded [1] 188/2</p> <p>precise [1] 105/22</p> <p>predecessor [3] 164/15 170/4 174/15</p> <p>predilection [1] 200/25</p> <p>predilections [1] 200/9</p> <p>preface [2] 86/2 94/16</p> <p>prefaced [1] 83/9</p> <p>preferred [1] 161/15</p> <p>premise [3] 4/5 94/9 180/10</p> <p>preparation [12] 15/19 110/1 115/2 117/18 117/18 123/11 132/12 146/13 147/15 147/17 150/20 185/1</p> <p>preparations [4] 42/9 175/7 175/24 197/11</p> <p>prepare [3] 82/23 153/11 191/25</p> <p>prepared [20] 8/6 28/25 29/10 47/10 51/17 53/10 58/19 108/17 112/6 132/22 141/20 142/7 148/4 149/3 149/6 150/4 151/10 181/23 198/21 212/13</p> <p>preparedness [93] 1/14 4/1 12/9 15/7 16/11 16/22 17/3 17/12 17/18 19/7 41/9 42/7 43/13 51/16 52/7 52/13 53/14 53/15 53/24 58/3 63/7 67/10 69/11 75/19 75/25 76/17 77/13 80/14 83/15 85/18 86/9 87/6 87/10 92/18 93/5 99/10 109/9 109/23 110/9 111/4 112/7 112/20 113/4 114/23 119/7 119/21 120/23 122/17 124/5 125/9 125/18 127/7 127/11 128/8 129/12 131/15 132/15 133/7 134/11 136/3 138/8 141/22 142/20 147/25 148/15 151/25 152/2 152/12</p> <p>153/16 155/21 164/7 167/18 167/20 167/25 168/4 184/20 186/11 186/21 187/6 187/11 188/5 190/2 190/21 191/1 191/8 191/19 191/24 194/7 195/10 197/10 198/19 205/14 210/1</p> <p>preparing [6] 17/9 75/24 112/2 113/1 192/12 193/4</p> <p>presence [1] 94/23</p> <p>present [9] 3/6 3/8 32/12 83/20 83/23 178/8 192/22 193/10 193/15</p> <p>presented [2] 108/12 117/14</p> <p>presents [1] 90/1</p> <p>presided [1] 202/18</p> <p>president [1] 107/20</p> <p>press [2] 5/16 101/17</p> <p>pressed [1] 5/6</p> <p>pressing [3] 111/1 111/7 194/19</p> <p>pressure [4] 49/18 52/2 103/20 103/24</p> <p>pressures [2] 51/21 51/23</p> <p>presumably [3] 23/10 159/1 159/6</p> <p>presume [1] 68/10</p> <p>presumption [1] 148/10</p> <p>prevent [1] 116/13</p> <p>prevented [1] 153/9</p> <p>preventing [1] 116/5</p> <p>prevention [9] 47/16 50/8 50/21 51/5 51/20 52/9 54/7 88/5 140/12</p> <p>previous [10] 5/12 19/4 51/13 83/9 111/24 119/6 119/20 124/2 129/9 165/15</p> <p>previously [3] 60/12 179/24 194/15</p> <p>price [3] 140/25 141/1 141/3</p> <p>primary [2] 163/4 190/5</p> <p>prime [4] 140/4 202/14 202/18 204/6</p> <p>Prime Minister [3] 202/14 202/18 204/6</p> <p>principal [2] 62/7 90/18</p> <p>principle [4] 23/25 93/22 171/9 171/11</p> <p>principles [4] 24/22 30/9 91/5 92/14</p> <p>prior [4] 45/11 156/17 180/6 210/13</p> <p>priorities [6] 6/13</p>	<p>108/17 126/13 126/14 177/3 194/1</p> <p>priority [5] 108/20 125/14 125/15 125/18 127/7 127/11 128/8 129/12 131/15 132/15 133/7 134/11 136/3 138/8 141/22 142/20 147/25 148/15 151/25 152/2 152/12</p> <p>private [4] 133/24 135/21 136/20 139/24 140/24 141/23 142/21 143/22 143/23 143/25 144/9 144/12 145/8 146/1/ 146/17 147/11 148/1/ 148/17 149/11 150/8 150/15 151/1 152/7 152/14 153/1 154/21 154/22 155/1 156/17 156/23 157/1 158/5 158/12 159/1 159/14 159/21 159/24 160/15 170/23 173/20 180/8 199/18</p> <p>proactive [1] 138/15 139/2 139/19 140/1 141/1 141/19 142/1 143/1 143/19 144/1 145/1 145/19 146/1 147/1 147/19 148/1 149/1 149/19 150/1 151/1 151/19 152/1 153/1 153/19 154/1 155/1 155/19 156/1 157/1 157/19 158/1 159/1 159/19 160/1 161/1 161/19 162/1 163/1 163/19 164/1 165/1 165/19 166/1 167/1 167/19 168/1 169/1 169/19 170/1 171/1 171/19 172/1 173/1 173/19 174/1 175/1 175/19 176/1 177/1 177/19 178/1 179/1 179/19 180/1 181/1 181/19 182/1 183/1 183/19 184/1 185/1 185/19 186/1 187/1 187/19 188/1 189/1 189/19 190/1 191/1 191/19 192/1 193/1 193/19 194/1 195/1 195/19 196/1 197/1 197/19 198/1 199/1 199/19 200/1 201/1 201/19 202/1 203/1 203/19 204/1 205/1 205/19 206/1 207/1 207/19 208/1 209/1 209/19 210/1 211/1 211/19 212/1 213/1 213/19 214/1 215/1 215/19 216/1 217/1 217/19 218/1 219/1 219/19 220/1 221/1 221/19 222/1 223/1 223/19 224/1 225/1 225/19 226/1 227/1 227/19 228/1 229/1 229/19 230/1 231/1 231/19 232/1 233/1 233/19 234/1 235/1 235/19 236/1 237/1 237/19 238/1 239/1 239/19 240/1 241/1 241/19 242/1 243/1 243/19 244/1 245/1 245/19 246/1 247/1 247/19 248/1 249/1 249/19 250/1 251/1 251/19 252/1 253/1 253/19 254/1 255/1 255/19 256/1 257/1 257/19 258/1 259/1 259/19 260/1 261/1 261/19 262/1 263/1 263/19 264/1 265/1 265/19 266/1 267/1 267/19 268/1 269/1 269/19 270/1 271/1 271/19 272/1 273/1 273/19 274/1 275/1 275/19 276/1 277/1 277/19 278/1 279/1 279/19 280/1 281/1 281/19 282/1 283/1 283/19 284/1 285/1 285/19 286/1 287/1 287/19 288/1 289/1 289/19 290/1 291/1 291/19 292/1 293/1 293/19 294/1 295/1 295/19 296/1 297/1 297/19 298/1 299/1 299/19 300/1 301/1 301/19 302/1 303/1 303/19 304/1 305/1 305/19 306/1 307/1 307/19 308/1 309/1 309/19 310/1 311/1 311/19 312/1 313/1 313/19 314/1 315/1 315/19 316/1 317/1 317/19 318/1 319/1 319/19 320/1 321/1 321/19 322/1 323/1 323/19 324/1 325/1 325/19 326/1 327/1 327/19 328/1 329/1 329/19 330/1 331/1 331/19 332/1 333/1 333/19 334/1 335/1 335/19 336/1 337/1 337/19 338/1 339/1 339/19 340/1 341/1 341/19 342/1 343/1 343/19 344/1 345/1 345/19 346/1 347/1 347/19 348/1 349/1 349/19 350/1 351/1 351/19 352/1 353/1 353/19 354/1 355/1 355/19 356/1 357/1 357/19 358/1 359/1 359/19 360/1 361/1 361/19 362/1 363/1 363/19 364/1 365/1 365/19 366/1 367/1 367/19 368/1 369/1 369/19 370/1 371/1 371/19 372/1 373/1 373/19 374/1 375/1 375/19 376/1 377/1 377/19 378/1 379/1 379/19 380/1 381/1 381/19 382/1 383/1 383/19 384/1 385/1 385/19 386/1 387/1 387/19 388/1 389/1 389/19 390/1 391/1 391/19 392/1 393/1 393/19 394/1 395/1 395/19 396/1 397/1 397/19 398/1 399/1 399/19 400/1 401/1 401/19 402/1 403/1 403/19 404/1 405/1 405/19 406/1 407/1 407/19 408/1 409/1 409/19 410/1 411/1 411/19 412/1 413/1 413/19 414/1 415/1 415/19 416/1 417/</p>
----------	---	---

Q	46/11 65/24 88/7 104/19 104/22 105/11 105/11 105/12 121/12 129/10 134/4 165/15 187/15 208/18 ran [1] 76/11 range [21] 1/18 3/15 8/6 12/4 22/21 23/2 73/19 80/16 86/10 87/23 93/17 101/15 111/23 119/19 122/15 129/25 133/3 146/4 146/6 181/24 196/15 rapid [1] 69/19 rapidly [2] 115/16 149/20 rare [1] 13/5 rate [3] 144/8 144/11 211/9 rates [1] 196/1 rather [14] 19/18 23/25 56/14 99/6 116/5 120/3 138/15 165/22 166/17 176/16 179/17 180/19 190/14 197/20 rating [9] 17/22 18/1 167/19 167/24 168/5 168/6 168/7 168/11 169/20 rationalisation [1] 165/12 re [5] 75/5 75/7 75/13 84/23 85/12 re-enforced [1] 85/12 re-establish [1] 75/13 re-established [2] 75/5 75/7 re-show [1] 84/23 reach [1] 191/3 reached [5] 39/7 42/21 61/24 106/11 191/3 reaction [1] 95/3 reactive [1] 138/15 read [36] 9/14 10/18 47/8 110/10 111/14 111/16 111/17 111/24 112/1 112/2 112/4 112/5 112/24 112/25 112/25 113/3 113/17 113/20 113/25 115/1 115/7 115/8 115/24 116/15 118/22 119/1 121/7 121/14 121/15 130/24 131/23 131/25 132/2 132/7 132/10 132/11 readiness [4] 33/3 78/17 84/13 127/23 reading [2] 131/20 184/24 ready [2] 159/9	159/18 real [11] 51/4 123/7 132/14 137/3 150/20 151/1 153/17 192/20 192/23 198/1 198/8 reality [12] 5/7 8/15 19/20 20/20 21/7 21/16 38/8 139/1 143/19 183/9 192/5 197/23 really [15] 3/19 5/8 6/1 25/22 40/22 51/10 52/18 55/24 82/25 87/11 94/2 116/4 139/8 165/23 207/10 reason [11] 20/10 57/17 62/7 63/17 81/25 91/20 101/25 118/18 130/21 152/3 164/23 reasonable [6] 9/24 119/7 149/11 168/5 169/21 213/6 reasonableness [2] 9/6 9/21 reasonably [1] 152/10 reasons [2] 105/22 118/9 reassurance [1] 77/20 reassure [1] 11/25 recalibrate [1] 163/13 recalibration [1] 197/4 recall [10] 4/4 130/25 138/5 152/21 170/17 186/11 186/19 187/12 187/14 188/4 receive [6] 28/5 66/14 112/6 131/2 137/5 188/25 received [20] 15/8 66/4 76/15 85/7 109/22 113/5 115/2 115/6 115/9 118/1 118/2 118/10 132/18 132/23 136/6 168/8 176/19 188/4 204/21 212/21 receiving [2] 55/6 164/5 recent [4] 29/10 46/16 49/5 94/18 recently [2] 85/15 100/8 recognise [8] 24/3 63/16 68/5 86/22 94/6 104/24 132/11 212/21 recognised [6] 53/8 73/5 82/19 94/21 96/3 101/14 recognises [1] 100/5	137/19 references [5] 35/13 81/17 81/18 81/22 168/19 referred [21] 21/20 47/4 47/22 47/25 49/6 51/2 51/3 53/23 54/5 66/11 67/5 67/6 79/20 82/4 96/20 118/25 136/8 137/15 148/13 199/19 211/17 referring [1] 130/25 refers [3] 31/7 50/1 64/14 refineries [2] 172/7 172/9 refinery [1] 172/4 reflect [8] 20/20 21/7 52/8 100/2 105/19 106/1 180/18 183/9 reflected [7] 15/11 17/19 62/3 62/5 65/8 96/7 180/5 reflecting [5] 4/19 5/21 13/10 99/15 180/21 reflection [4] 21/16 100/18 102/2 180/19 reflections [1] 20/22 reflects [3] 6/13 151/25 155/13 refrain [1] 175/7 regard [1] 198/15 regarded [3] 14/1 66/7 177/17 regarding [1] 84/12 regardless [4] 136/22 142/8 158/14 186/16 regards [2] 48/24 55/15 regime [3] 179/8 179/11 203/12 regional [6] 2/14 56/6 134/22 172/22 179/7 179/8 register [61] 1/8 1/12 1/24 2/2 2/5 2/9 2/10 2/16 3/24 4/22 6/13 6/22 6/24 7/2 7/10 7/24 11/18 11/20 12/5 12/10 12/17 12/23 13/10 13/18 13/20 13/21 13/24 14/4 14/10 14/14 14/15 15/1 15/3 15/5 15/14 16/2 19/8 20/18 21/5 110/3 110/11 110/13 110/23 111/8 111/15 111/16 114/8 121/5 121/6 121/10 121/16 135/21 171/15 171/21 172/1 172/3 172/13 178/15 178/25 182/9
R	radar [2] 128/17 133/8 raise [3] 16/12 122/3 163/21 raised [18] 17/16 24/17 29/6 31/21	recognise [8] 24/3 63/16 68/5 86/22 94/6 104/24 132/11 212/21 recognised [6] 53/8 73/5 82/19 94/21 96/3 101/14 recognises [1] 100/5	(81) qualifications... - register

R	remains [2] 65/19 190/17 remarkable [1] 198/11 remember [10] 16/24 26/17 51/7 108/22 129/25 130/1 131/20 144/5 170/21 170/22 remembered [1] 85/15 remind [2] 72/20 86/7 reminded [1] 85/21 reminding [1] 142/18 remuneration [1] 61/7 renewed [1] 138/5 reorganising [1] 147/13 repeated [1] 30/23 repeatedly [2] 41/23 186/8 replace [1] 72/16 replaced [1] 72/18 report [40] 15/16 28/16 28/18 35/7 35/10 38/11 76/14 76/16 102/20 102/22 103/6 104/24 104/25 130/24 130/25 131/3 131/7 132/10 132/11 136/5 142/21 146/9 164/22 165/3 165/10 167/9 167/9 167/16 167/21 168/19 169/1 169/20 177/17 180/5 180/12 180/18 187/18 190/24 196/23 211/20 reporting [2] 32/1 40/25 reports [3] 103/8 131/11 210/7 represent [3] 4/21 73/15 207/8 representation [9] 67/19 67/23 67/25 68/8 68/18 69/12 69/13 70/7 89/11 representatives [2] 69/5 76/14 represented [6] 70/10 76/19 77/1 78/12 204/18 204/19 represents [2] 15/6 100/22 request [5] 48/22 94/25 108/23 118/12 123/4 requested [3] 129/20 129/21 129/22 requesting [1] 78/7 require [8] 32/14 47/18 89/19 116/25 117/2 148/24 149/17	164/1 required [18] 7/14 7/16 14/8 15/2 56/16 66/8 75/6 98/19 113/19 115/9 157/10 163/22 166/15 169/14 170/5 171/7 171/24 174/3 requirements [4] 74/11 81/6 115/3 169/12 requires [3] 72/12 101/7 205/4 requiring [5] 13/6 53/6 103/15 103/25 169/7 research [3] 62/20 117/22 134/14 reservations [2] 187/13 188/5 reserved [2] 156/21 157/11 reservoirs [1] 192/14 residents [1] 135/9 residual [5] 9/13 19/4 20/13 21/13 21/21 resilience [106] 2/13 2/17 2/19 2/22 2/25 3/2 3/19 3/20 4/24 5/7 5/13 5/15 6/20 7/1 8/4 12/19 14/18 15/9 16/9 25/17 27/6 27/7 27/21 27/22 28/6 28/9 28/25 29/1 31/9 31/12 33/16 35/19 36/2 38/4 39/14 198/17 206/17 responded [2] 40/21 42/16 43/11 43/12 43/18 43/20 43/21 43/22 43/23 44/5 44/14 44/25 45/4 51/24 52/3 55/19 56/4 56/18 63/7 68/16 68/19 69/5 69/8 69/14 69/19 69/25 70/3 70/5 70/12 70/14 70/15 70/18 70/19 72/1 72/15 80/10 80/18 82/23 91/14 92/6 133/21 142/4 161/10 162/17 162/23 165/6 166/22 169/13 172/17 172/21 173/10 173/17 173/24 174/21 177/6 177/7 177/7 178/13 179/2 181/4 181/6 181/7 181/21 184/18 189/8 189/24 196/24 204/4 204/5 204/8 212/7 requested [3] 129/20 129/21 129/22 requesting [1] 78/7 require [8] 32/14 47/18 89/19 116/25 117/2 148/24 149/17	resolved [2] 46/4 73/24 resolving [1] 203/25 resource [7] 4/3 40/6 86/20 137/13 163/5 169/12 194/18 resourced [4] 50/20 194/11 194/14 194/15 resources [24] 20/2 32/19 32/20 42/14 62/16 64/5 64/20 72/12 159/23 159/25 160/1 160/3 160/7 163/1 163/4 171/23 175/6 190/13 191/4 192/8 193/14 193/25 194/8 197/1 resources [24] 20/2 32/19 32/20 42/14 62/16 64/5 64/20 72/12 159/23 159/25 160/1 160/3 160/7 163/1 163/4 171/23 175/6 190/13 191/4 192/8 193/14 193/25 194/8 197/1 responses [1] 69/20 responsibilities [23] 4/11 5/5 6/7 33/23 34/19 44/1 44/22 45/1 45/7 52/1 52/16 63/3 68/14 71/1 73/9 74/12 82/6 159/19 160/17 161/4 162/2 169/15 175/19 responsibility [11] 60/7 60/18 68/13 105/1 106/3 106/4 128/20 133/10 151/13 151/16 189/25 responsible [8] 49/13 98/6 111/6 152/1 159/17 184/3 184/9 208/16 responsiveness [2] 18/17 30/10 rest [3] 103/11 133/12 147/1 restated [1] 181/12 restatement [1] 136/19 rested [1] 109/9 restricted [1] 91/10 rests [1] 105/3 result [11] 42/3 62/8 62/11 98/21 127/3 134/15 163/25 179/13 180/24 185/1 189/19 results [1] 192/25 retinopathy [1] 62/13 retire [1] 135/8 retired [1] 75/10 retirement [2] 60/23 67/3 retrospect [2] 56/17 121/1 return [2] 58/5 195/2 returned [2] 60/24 152/22 revenue [3] 48/20 48/22 65/5 review [47] 4/23 5/6 9/6 25/23 36/16 36/21 41/3 41/4 44/14 44/18 44/23 45/10 45/15 53/20 54/10 59/10 73/1 79/9 79/10 84/6 84/9 84/17 96/7 102/22 137/11 138/13 164/15 170/4 174/1 174/7 174/12 174/16
----------	---	---	--

R	6/3 6/13 6/19 6/21 6/23 7/2 7/5 7/8 7/10 7/17 7/18 7/24 8/10 8/15 8/25 9/5 9/8 9/23 9/23 9/25 10/4 10/19 11/11 11/14 11/16 11/18 11/20 12/5 12/10 12/16 12/23 13/10 13/18 13/20 13/21 13/23 13/24 14/2 14/3 14/4 14/5 14/6 14/7 14/8 14/8 14/10 14/14 14/15 14/25 15/1 15/3 15/5 15/12 15/13 16/1 16/8 17/10 17/22 18/1 18/1 18/3 18/5 18/22 19/6 19/8 19/15 20/11 20/17 21/5 29/9 51/17 68/20 69/2 69/3 69/6 69/9 82/12 82/20 99/23 99/24 108/13 109/3 109/6 110/3 110/7 110/11 110/13 110/18 110/22 110/22 111/2 111/7 111/8 111/14 111/14 111/16 114/8 121/5 121/6 121/10 121/15 135/11 161/10 165/8 170/12 170/13 170/19 171/5 171/9 171/15 172/1 172/2 172/13 172/15 172/19 173/2 173/5 173/14 173/20 178/11 178/15 178/25 179/7 179/16 180/13 181/14 181/16 181/25 182/2 182/4 182/9 182/20 183/7 183/22 184/4 184/14 185/14 186/6 186/8 192/20 194/12 212/4 212/11 risks [31] 2/3 3/6 3/8 3/15 3/22 7/14 7/21 12/4 12/14 13/12 13/23 15/23 69/8 69/15 70/8 111/9 111/11 114/16 124/1 170/13 171/4 171/12 171/14 171/15 171/18 173/16 178/15 178/16 178/22 193/10 193/15 rob [5] 57/13 58/1 120/5 120/17 194/16 robust [6] 33/4 43/17 54/8 94/22 199/16 200/7 role [20] 6/9 34/4 44/3 60/10 60/18 60/25 61/12 61/18 79/17 81/7 93/12 109/4 109/11 121/1 124/2 128/9 128/18	128/22 207/25 208/1 roles [5] 44/5 73/9 108/9 165/21 207/13 room [3] 54/22 122/12 124/11 rooms [5] 102/21 102/22 103/7 103/9 151/19 root [1] 170/7 Rosemary [2] 145/20 146/8 Rosemary Gallagher [1] 145/20 Rosemary Gallagher's [1] 146/8 rota [1] 12/18 round [1] 197/12 rounder [1] 9/15 route [2] 1/14 130/10 routinely [1] 184/8 row [4] 8/2 73/9 148/19 181/20 row P5 [1] 181/20 royal [3] 145/23 146/2 146/7 rubric [1] 182/6 run [12] 9/18 108/21 109/24 110/14 113/17 114/12 115/18 129/16 130/3 135/7 169/10 209/16 run-up [5] 9/18 108/21 109/24 110/14 115/18 running [5] 1/21 11/22 12/24 55/11 127/9 runs [1] 9/9 rural [1] 203/11	Sandifer [16] 58/13 58/14 58/16 59/8 61/4 87/15 90/7 93/19 97/5 100/17 102/7 102/15 117/8 151/20 206/6 215/10 Sandifer's [1] 106/16 sanitiser [1] 143/10 SARS [5] 103/16 151/25 153/2 153/3 207/18 sat [1] 190/7 satisfy [1] 132/21 sauce [2] 195/15 195/15 save [1] 210/18 saw [3] 85/15 119/8 120/6 say [59] 1/10 1/22 3/25 5/16 19/17 24/20 28/8 33/12 37/16 49/15 50/9 50/24 56/17 63/11 64/8 82/16 82/19 90/24 105/23 109/24 113/16 114/25 115/8 115/17 124/6 124/8 133/5 138/2 139/11 139/13 140/2 140/21 144/21 144/23 148/5 150/24 153/6 153/15 156/13 156/20 164/6 170/21 176/13 177/19 179/19 185/8 187/10 189/15 193/9 197/21 199/21 201/13 201/23 204/14 204/25 205/20 205/23 208/4 209/4 saying [8] 7/3 16/1 52/5 55/4 66/1 137/25 163/2 194/10 says [19] 8/4 16/2 16/20 17/2 71/19 100/3 103/3 104/11 115/13 148/19 148/23 150/14 176/7 179/22 180/5 180/6 189/1 190/25 210/24 scale [13] 9/9 53/5 56/21 102/2 110/2 116/24 117/11 117/13 117/16 117/19 121/3 152/8 153/10 scaling [2] 116/18 116/21 scenario [3] 29/19 138/20 149/12 SCG [1] 32/23 scheduled [3] 31/9 31/10 31/18 scheme [1] 169/11 school [2] 30/7 32/21 schools [1] 29/17 science [1] 59/15
----------	---	--	--

S	September [10] 48/8 sectors [4] 15/10 40/24 131/19 205/16 secure [2] 140/24 175/18 security [4] 88/14 140/25 141/2 186/2 see [60] 31/6 31/17 35/13 36/25 48/4 58/19 71/7 71/9 72/7 73/9 73/25 76/24 77/3 77/11 78/5 78/24 79/1 80/1 80/21 81/3 81/9 81/12 83/2 83/20 84/6 85/1 87/6 87/8 87/25 88/11 89/4 89/16 90/14 92/4 94/16 95/14 95/16 96/16 98/18 98/23 102/25 107/13 112/22 115/4 120/12 123/6 124/1 146/8 163/11 166/20 167/24 169/11 177/11 178/6 179/4 182/6 182/16 184/8 210/17 211/1 seek [5] 7/4 33/25 160/6 163/13 178/9 seeking [1] 49/13 seeks [1] 59/22 seemed [2] 30/17 30/22 seen [13] 13/6 45/13 81/13 95/7 110/9 137/7 144/25 145/1 171/10 184/1 206/5 211/20 212/16 self [9] 43/25 44/8 44/12 91/3 170/12 177/13 177/24 182/2 191/19 self-evident [1] 177/13 self-evidently [2] 177/24 191/19 self-isolation [1] 91/3 self-standing [1] 170/12 sending [1] 90/11 Senedd [7] 16/23 17/1 107/22 130/22 186/13 187/5 187/15 senior [7] 59/25 67/3 68/21 158/10 184/5 184/6 204/18 sense [8] 9/16 32/4 119/17 129/12 149/4 164/19 169/23 196/17 senses [1] 143/15 sensible [1] 170/24 sent [2] 77/2 137/14 sentiment [1] 85/21	142/15 166/21 setting [4] 25/16 25/18 170/13 201/4 settings [1] 29/17 seven [3] 39/16 134/22 210/10 seven months [1] 210/10 several [2] 94/23 120/17 severe [2] 8/8 131/18 severity [2] 56/21 91/9 shall [2] 58/5 195/2 share [2] 85/19 187/3 shared [2] 71/25 103/4 sharp [1] 36/12 she [8] 65/23 66/1 145/20 145/20 145/21 146/11 146/14 152/22 SHEPHERD [11] 102/13 104/3 106/13 service [28] 13/2 13/22 32/23 48/10 48/18 49/23 49/24 51/24 52/1 55/25 61/6 62/12 62/13 64/9 65/2 66/9 66/22 68/24 69/22 77/18 124/10 133/18 135/1 135/17 140/11 176/21 178/8 189/1 service's [1] 56/4 services [52] 12/7 14/10 14/12 14/23 16/13 19/23 22/5 23/14 28/3 28/14 35/25 40/5 43/9 47/14 48/8 49/12 49/19 50/7 50/7 51/6 51/20 56/8 59/10 59/18 60/11 60/13 61/7 63/16 64/11 64/21 65/5 65/10 66/4 66/25 79/4 87/9 89/21 90/5 90/17 92/13 103/4 103/5 108/4 113/3 121/9 126/5 147/13 155/8 167/17 167/21 174/1 210/7 Services' [1] 167/17 set [29] 9/12 11/21 12/5 12/17 23/20 24/25 38/25 41/6 61/23 76/22 82/2 83/17 84/15 92/14 93/20 101/14 114/7 114/8 120/12 122/9 124/17 133/9 143/20 167/3 170/4 189/9 194/2 197/16 212/16 sets [8] 2/3 8/13 9/8 48/15 81/9 92/11	significance [1] 17/21 significant [24] 10/23 16/24 17/17 27/3 33/11 34/11 34/15 39/19 51/19 77/12 104/14 105/16 108/13 126/4 133/12 167/11 168/18 172/6 176/3 179/14 182/23 183/15 197/4 197/13 significantly [4] 20/7 26/16 134/2 178/17 signified [1] 18/20 similar [3] 34/6 77/14 94/20 similarly [3] 23/9 195/13 195/13 simple [2] 34/3 149/5 simplification [2] 93/23 94/10 simplified [1] 93/20 simplify [1] 95/6 simply [15] 14/15 20/19 21/15 23/1 30/14 35/24 38/9 40/12 43/9 48/8 53/14 59/10 67/14 86/19 87/3 87/5 87/9 89/20 90/3 90/17 90/22 91/8 91/15 93/4 108/4 109/12 113/3 114/23 121/9 125/2 127/5 127/8 127/9 127/10 128/6 129/11 129/14 133/8 133/9 133/14 133/18 133/23 134/1 134/10 134/16 134/18 134/21 134/23 135/5 135/16 136/11 136/13 136/16 136/20 140/4 148/14 155/8 207/16 208/10 210/7 social care [29] 29/17 30/10 30/14 53/14 67/14 86/19 87/3 90/17 109/12 125/2 127/5 127/8 129/11 129/14 133/8 133/9 133/18 133/23 134/1 134/10 134/16 134/18 134/23 135/5 135/16 136/13 136/16 136/20 140/4 societal [1] 25/22 societally [1] 205/11 society [1] 91/1 sole [1] 25/12 solely [1] 172/16 some [100] 3/17 4/1 4/2 4/6 4/13 4/14 5/9 5/11 9/18 10/1 12/11 15/15 17/14 19/3 21/1 22/4 22/6 22/8 22/11 23/22 26/22 29/22
----------	--	--	---

S	some... [78] 30/9 30/20 33/9 33/12 34/7 38/2 39/18 42/15 44/13 51/14 51/24 52/3 52/18 55/2 57/24 62/8 62/12 62/17 63/21 66/10 67/7 70/17 71/1 84/15 84/17 86/18 94/7 100/9 103/18 104/18 106/9 112/2 112/3 114/18 114/19 117/2 117/9 119/22 120/11 120/13 120/15 122/19 124/11 129/20 131/23 132/20 137/7 137/23 138/21 143/15 147/12 147/17 148/9 149/20 157/9 157/20 159/4 163/22 165/14 168/2 175/10 179/2 183/18 184/13 192/1 193/2 197/8 197/17 197/18 198/6 198/25 201/4 204/7 207/11 207/12 207/13 207/18 209/25 somebody [4] 20/16 20/16 210/17 212/10 someone [4] 90/8 119/5 123/15 151/23 something [23] 25/19 30/8 41/2 41/6 94/8 94/8 95/25 108/16 110/20 111/5 116/14 124/21 127/5 128/16 129/1 134/3 139/13 144/1 162/3 171/22 189/5 189/21 194/18 sometimes [3] 120/10 161/22 165/22 sooner [1] 120/11 sorry [16] 5/16 12/22 32/25 41/22 79/17 97/5 104/9 112/11 121/22 143/22 143/24 153/3 154/6 209/10 209/12 209/18 sort [13] 10/1 10/6 25/22 120/7 135/23 170/22 174/18 185/20 192/22 201/2 202/24 203/13 212/20 sort of [10] 10/1 10/6 25/22 120/7 135/23 174/18 185/20 192/22 202/24 212/20 sought [5] 73/17 159/3 162/8 183/22 193/16 sound [1] 131/14 sources [3] 61/4	161/1 212/23 South [4] 107/22 141/24 142/16 158/22 South Korea [1] 141/24 South Wales [2] 142/16 158/22 space [3] 122/13 134/20 147/10 Spanish [1] 211/5 Spanish flu [1] 211/5 sparking [1] 203/14 speak [4] 54/18 112/12 112/17 200/21 speaker [1] 211/24 speaking [1] 155/4 special [4] 98/19 207/16 207/24 207/25 specialising [1] 59/16 specialist [2] 67/12 103/5 specialists [1] 97/12 speciality [1] 50/10 specific [29] 11/13 11/14 11/22 12/24 52/19 60/7 67/15 68/6 71/20 74/4 88/7 110/21 115/23 127/11 128/2 134/9 135/25 170/21 171/4 171/18 182/10 182/11 184/15 187/21 188/1 188/6 189/16 202/25 211/12 specifically [12] 4/6 5/2 16/3 41/4 52/25 120/24 133/25 137/22 138/7 146/3 184/21 212/9 specificity [1] 196/18 specifics [2] 140/13 176/17 specified [1] 158/3 specify [1] 160/18 spectrum [2] 91/11 91/17 speculate [1] 105/22 sped [1] 133/7 speed [1] 123/25 spend [4] 50/15 161/23 161/24 163/23 spent [1] 205/25 spirit [1] 71/24 spite [1] 29/8 split [1] 37/7 spoke [2] 145/20 146/20 sponsored [2] 80/24 82/11 sponsoring [3] 71/9 71/10 79/2 Sport [4] 16/19 35/23 108/2 110/25 spread [4] 115/14	115/15 116/5 116/6 spreading [1] 115/22 SRO [1] 136/13 SS [1] 88/19 stability [1] 134/12 stable [1] 46/13 staff [3] 50/2 56/7 104/16 104/17 staffing [1] 90/2 stage [9] 9/17 24/13 30/6 100/22 109/2 176/25 201/4 210/9 210/11 stages [2] 144/13 152/14 153/15 stakeholder [2] 145/25 146/11 stakeholders [2] 145/19 146/14 stand [3] 143/19 164/6 195/20 standalone [1] 180/15 standard [2] 43/21 111/11 standards [3] 45/24 181/4 181/6 standing [5] 42/17 65/14 65/19 66/15 73/2 82/16 95/9 95/10 97/13 100/10 100/23 101/7 101/8 101/9 102/3 104/20 105/14 106/7 135/13 140/6 144/22 157/11 162/8 195/19 207/24 207/25 stockpile [11] 32/19 36/20 88/3 140/23 142/15 142/19 142/20 143/5 143/16 144/10 146/18 stockpiled [1] 55/15 stockpiles [2] 55/21 87/23 stockpiling [2] 38/13 88/5 stocks [1] 38/20 stop [2] 115/14 140/5 stopping [2] 117/2 147/12 story [2] 79/8 135/18 straight [1] 36/9 strained [1] 122/16 strand [1] 191/13 strategic [21] 23/9 25/2 27/8 27/11 27/12 28/7 28/24 31/15 32/23 42/4 70/1 70/8 71/20 82/5 84/18 88/20 100/25 162/23 166/22 172/21 195/14 strategically [2] 22/15 23/17 strategies [4] 8/20 113/6 195/8 205/21 strategy [15] 19/23 22/12 22/13 23/10 23/20 24/3 30/10 39/20 41/7 112/20 113/4 113/5 113/9 189/22 195/10	stream [1] 77/17 strengthen [4] 48/17 66/8 66/20 67/7 strengthened [1] 180/6 strengthening [4] 48/9 65/25 77/17 179/4 strictly [1] 143/14 strike [1] 126/2 strong [2] 24/12 203/9 struck [6] 22/14 45/11 45/15 47/12 69/20 202/17 structural [5] 20/2 164/19 179/18 180/25 197/5 structurally [1] 198/18 structure [31] 6/4 8/16 27/15 32/6 43/18 43/19 44/19 57/20 59/25 60/4 70/5 134/1 134/13 135/1 159/9 160/1 163/9 163/10 163/14 163/14 164/6 164/8 165/19 165/20 167/12 177/20 179/15 181/1 181/7 201/5 182/12 182/19 182/20 183/13 183/14 183/15 184/18 184/19 184/20 185/11 185/12 185/13 186/1 186/2 186/3 186/4 187/1 187/2 187/3 187/4 188/1 188/2 188/3 188/4 189/1 189/2 189/3 189/4 190/1 190/2 190/3 190/4 191/1 191/2 191/3 191/4 192/1 192/2 192/3 192/4 193/1 193/2 193/3 193/4 194/1 194/2 194/3 194/4 195/1 195/2 195/3 195/4 196/1 196/2 196/3 196/4 197/1 197/2 197/3 197/4 198/1 198/2 198/3 198/4 199/1 199/2 199/3 199/4 200/1 200/2 200/3 200/4 201/1 201/2 201/3 201/4 202/1 202/2 202/3 202/4 203/1 203/2 203/3 203/4 204/1 204/2 204/3 204/4 205/1 205/2 205/3 205/4 206/1 206/2 206/3 206/4 207/1 207/2 207/3 207/4 208/1 208/2 208/3 208/4 209/1 209/2 209/3 209/4 210/1 210/2 210/3 210/4 211/1 211/2 211/3 211/4 212/1 212/2 212/3 212/4 213/1 213/2 213/3 213/4 214/1 214/2 214/3 214/4 215/1 215/2 215/3 215/4 216/1 216/2 216/3 216/4 217/1 217/2 217/3 217/4 218/1 218/2 218/3 218/4 219/1 219/2 219/3 219/4 220/1 220/2 220/3 220/4 221/1 221/2 221/3 221/4 222/1 222/2 222/3 222/4 223/1 223/2 223/3 223/4 224/1 224/2 224/3 224/4 225/1 225/2 225/3 225/4 226/1 226/2 226/3 226/4 227/1 227/2 227/3 227/4 228/1 228/2 228/3 228/4 229/1 229/2 229/3 229/4 230/1 230/2 230/3 230/4 231/1 231/2 231/3 231/4 232/1 232/2 232/3 232/4 233/1 233/2 233/3 233/4 234/1 234/2 234/3 234/4 235/1 235/2 235/3 235/4 236/1 236/2 236/3 236/4 237/1 237/2 237/3 237/4 238/1 238/2 238/3 238/4 239/1 239/2 239/3 239/4 240/1 240/2 240/3 240/4 241/1 241/2 241/3 241/4 242/1 242/2 242/3 242/4 243/1 243/2 243/3 243/4 244/1 244/2 244/3 244/4 245/1 245/2 245/3 245/4 246/1 246/2 246/3 246/4 247/1 247/2 247/3 247/4 248/1 248/2 248/3 248/4 249/1 249/2 249/3 249/4 250/1 250/2 250/3 250/4 251/1 251/2 251/3 251/4 252/1 252/2 252/3 252/4 253/1
----------	---	--	--	--

S	successor [2] 65/11 100/24 such [22] 5/11 29/11 39/4 49/9 63/9 63/17 66/11 67/20 74/17 81/19 86/18 99/5 105/8 121/1 144/24 173/10 195/23 196/3 201/24 203/5 208/25 211/1 suffering [3] 99/18 150/21 150/23 sufficiency [1] 146/18 sufficient [7] 36/19 56/18 64/3 131/17 143/1 163/20 171/17 sufficiently [2] 43/16 200/7 suggest [5] 6/15 15/18 17/6 98/2 201/3 suggested [4] 28/20 31/3 42/19 168/15 suggestion [2] 106/20 210/5 suite [3] 71/22 103/20 103/24 sum [1] 160/16 summarise [2] 64/16 210/19 summarised [2] 57/22 57/23 summarises [1] 48/14 summary [4] 27/16 102/25 182/16 196/19 sums [1] 160/15 Sunak [1] 202/18 supplies [1] 140/23 supply [6] 55/22 140/24 140/25 141/2 141/16 192/21 supplying [1] 142/21 support [15] 6/8 47/17 50/7 51/12 54/17 63/22 65/4 67/12 68/11 69/18 83/11 89/11 104/12 169/14 174/8 supported [2] 75/23 92/20 supporting [3] 50/16 51/22 54/21 suppose [1] 8/23 sure [30] 8/15 12/13 32/15 38/21 40/23 46/3 46/7 55/21 91/18 116/13 132/1 138/8 139/8 141/19 146/6 146/14 152/6 159/7 159/17 162/10 163/14 163/20 164/17 171/2	174/12 175/19 176/23 177/21 180/2 205/6 surely [1] 5/23 surge [21] 39/22 40/4 40/10 40/16 42/20 42/24 43/5 86/19 86/25 87/3 128/15 146/16 146/21 146/24 146/25 147/2 147/5 147/6 147/23 148/10 152/11 surprise [1] 120/25 surprising [1] 119/22 surveyed [1] 103/5 suspect [1] 125/11 suspected [1] 104/15 sustainability [1] 140/5 sustainable [1] 135/5 sustaining [1] 90/5 swiftly [1] 147/24 swine [13] 26/21 26/25 28/17 29/6 29/20 110/19 146/10 156/1 189/8 189/11 207/23 208/5 211/6 swine flu [12] 26/21 26/25 29/6 29/20 110/19 146/10 156/1 189/8 189/11 207/23 208/5 211/6 switched [1] 5/8 sworn [2] 58/14 215/10 symptomatic [1] 148/24 symptoms [1] 148/21 system [65] 12/12 20/3 30/23 32/10 43/4 45/20 45/22 46/4 52/4 55/18 55/19 56/19 57/9 57/16 66/1 66/20 67/14 77/18 81/11 112/5 112/6 113/19 116/25 118/16 125/21 127/9 129/15 136/22 141/3 155/19 161/21 162/4 164/2 165/5 165/16 167/4 167/6 167/20 167/25 168/12 168/16 169/25 169/25 170/3 170/6 173/14 174/13 176/1 177/19 179/19 180/2 180/7 181/3 181/11 188/13 188/17 197/5 197/21 197/22 198/7 198/18 199/16 200/12 201/1 201/17 system-wide [1] 129/15 systematic [3] 45/23 199/12 203/24 systems [5] 40/24	67/12 161/23 180/6 180/11 T table [5] 80/3 143/2 143/21 150/14 199/17 Tackling [1] 107/24 tactical [1] 71/20 Taf [1] 126/5 tainted [4] 23/9 195/13 195/13 196/9 take [50] 15/20 15/25 20/6 31/12 33/15 40/24 42/14 43/12 47/7 52/25 59/6 74/21 78/19 82/8 87/4 100/5 100/20 106/20 107/17 109/18 111/13 113/24 118/13 121/18 122/9 125/16 132/10 132/21 134/25 135/20 135/23 139/21 146/2 149/15 151/4 154/1 161/9 162/1 167/2 168/6 169/3 174/22 174/25 176/21 177/16 187/16 188/1 194/5 200/13 200/22 taken [24] 9/22 13/9 14/14 14/19 17/14 18/6 20/1 30/4 35/8 42/5 47/9 69/7 85/8 126/23 129/6 134/15 137/24 151/23 177/15 177/23 189/21 197/21 205/17 209/25 takes [2] 100/8 129/14 taking [15] 6/11 9/16 15/7 22/7 26/25 33/13 38/3 77/22 86/7 96/11 99/7 120/20 125/18 132/4 149/12 Talie [1] 187/23 Taliesin [14] 20/5 26/11 26/13 28/17 29/7 29/23 37/21 40/15 126/22 126/24 134/4 187/24 187/25 197/3 talk [2] 123/24 210/17 talked [2] 42/12 212/4 talking [4] 123/23 153/7 192/23 211/7 talks [2] 141/24 211/2 target [1] 128/19 task [9] 39/1 39/3 39/10 40/13 41/1 136/16 189/5 189/9 189/13 tasked [1] 70/16	tasks [1] 39/12 taught [1] 161/18 TB [1] 185/23 team [23] 4/24 6/20 7/1 7/3 7/6 29/1 45/1 45/4 60/1 60/4 64/7 69/21 70/13 70/14 70/20 80/10 80/12 88/19 162/9 162/17 169/13 189/9 189/24 teams [2] 21/2 162/22 tease [1] 63/12 technical [3] 27/5 75/24 150/2 technician [1] 36/13 technologies [2] 50/14 66/12 telephone [1] 200/16 tell [13] 9/1 9/3 9/20 61/10 64/10 64/25 75/3 79/5 110/12 118/21 119/4 121/17 207/15 telling [2] 117/24 210/23 tells [1] 65/11 template [1] 95/2 ten [6] 4/8 47/2 62/19 143/7 154/6 154/8 ten minutes [3] 47/2 154/6 154/8 ten years [1] 62/19 tend [3] 1/17 17/6 25/17 tended [2] 25/15 171/16 tendency [1] 15/25 tenets [1] 91/15 tenure [1] 165/1 term [13] 74/1 124/25 125/1 125/20 125/24 126/14 127/10 133/11 133/13 133/17 144/24 206/1 208/15 terms [60] 2/8 4/18 11/5 16/8 18/8 21/8 22/9 27/13 32/11 51/16 52/19 54/7 54/7 63/6 66/3 68/13 71/11 78/21 78/25 80/3 87/18 90/21 101/22 110/8 111/7 111/10 114/17 115/23 116/1 117/18 117/24 127/7 127/8 131/16 133/25 134/9 135/22 137/3 137/22 140/7 140/13 147/25 149/7 150/6 153/6 159/8 159/18 160/1 162/14 168/13 169/19 170/7 176/8 180/24 183/8 197/22 198/5 198/17 211/16	212/19 terrible [4] 40/9 179/13 191/22 198/15 terribly [1] 202/7 territory [1] 91/7 terrorism [4] 8/8 49/5 196/12 196/12 test [4] 27/20 29/20 38/18 195/21 tested [9] 55/20 55/23 56/3 90/11 128/15 166/2 177/20 178/2 197/23 than [28] 3/3 13/1 19/18 23/25 37/5 56/14 89/19 110/21 116/5 120/3 135/14 138/15 141/17 144/8 144/12 161/11 161/16 176/16 180/19 184/3 184/11 185/14 190/14 192/1 197/20 203/7 212/21 212/25 thank [80] 8/2 36/12 46/22 48/3 48/6 48/7 52/21 53/19 54/2 55/9 55/12 56/25 57/1 57/1 58/4 58/5 58/16 58/18 59/1 59/5 59/6 59/13 59/24 60/17 61/1 62/22 65/21 70/23 72/5 72/7 73/7 77/8 77/10 78/23 81/2 81/14 83/19 84/5 88/10 94/11 94/14 95/13 106/12 106/13 106/14 106/16 106/18 106/25 107/9 107/9 107/11 108/8 112/18 124/15 131/5 131/10
----------	---	---	---	---	---

T	48/19 49/9 49/15 50/1 50/2 50/9 50/17 62/17 66/16 69/4 75/9 75/12 80/8 83/23 87/17 88/15 88/21 89/12 92/15 92/22 95/21 96/6 96/18 99/3 103/11 103/13 103/22 113/12 113/21 114/19 115/5 115/10 116/24 117/14 117/16 123/13 126/7 126/8 126/11 128/20 129/5 129/14 130/12 131/2 132/2 132/4 132/21 133/6 133/12 137/9 137/24 143/20 147/11 147/20 148/23 149/22 155/10 160/23 162/15 166/23 167/3 168/22 169/10 169/16 169/16 173/25 175/5 175/8 176/4 179/10 181/25 182/3 182/18 182/25 184/13 185/4 189/23 197/8 199/19 202/22 202/24 205/4 209/1 210/21 211/4 their [36] 15/1 16/6 18/23 33/16 33/24 34/19 34/19 36/17 36/22 43/13 43/14 43/16 53/6 54/14 54/25 69/15 69/19 69/25 78/7 89/11 91/13 99/7 113/9 127/25 140/12 160/24 163/7 177/25 178/9 180/19 183/8 183/8 192/11 193/19 193/24 204/24 them [37] 19/24 24/23 24/24 25/14 33/9 38/6 39/12 39/16 43/25 69/15 83/19 85/7 85/12 106/7 112/1 112/2 116/17 120/12 135/12 156/23 159/15 160/20 163/17 169/7 175/20 184/10 185/4 187/8 187/9 188/9 188/19 193/22 195/15 197/16 199/9 201/25 206/17 theme [1] 85/23 themes [1] 46/2 themselves [5] 3/7 3/8 32/12 98/22 116/15 then [104] 8/9 8/12 14/13 15/1 16/18 23/11 26/8 29/14 31/15 31/16 31/20 32/10 32/25 33/5 36/1 36/6 38/12 41/8 45/19	21/17 21/17 21/19 21/24 21/24 22/3 23/16 23/16 25/1 28/4 28/8 30/2 30/25 31/10 32/10 33/14 37/16 38/1 38/3 38/21 39/6 39/18 41/19 46/2 46/3 49/20 50/20 51/4 52/8 54/6 54/23 55/1 56/2 56/3 56/7 57/20 57/25 58/2 64/22 72/3 72/4 79/13 85/17 85/21 89/20 91/20 91/20 106/6 114/11 114/14 122/18 122/18 122/21 123/1 123/16 123/20 123/21 124/2 124/6 124/8 125/23 126/16 127/15 129/6 130/8 131/25 132/7 133/5 137/14 137/15 138/16 139/5 140/2 140/2 141/6 142/8 143/21 143/22 144/21 147/8 147/21 149/10 150/6 150/9 150/10 150/22 151/24 152/3 152/14 159/19 161/19 161/19 161/21 162/25 165/17 166/8 166/17 166/20 167/13 168/13 170/21 168/2/ 168/25 168/25 169/20 195/13 199/10 199/14 203/8 204/22 208/14 209/6 209/21 210/9 211/19 211/21 212/19 213/18 thing [3] 126/10 208/25 213/6 things [40] 8/14 19/16 54/11 55/4 56/10 95/6 111/8 82/5 89/25 94/25 155/13 155/18 158/8 160/13 160/16 160/25 183/21 186/5 194/6 195/12 198/20 199/21 206/14 thereof [1] 145/21 these [38] 6/4 19/3 29/13 30/2 33/11 49/16 49/25 77/9 78/24 79/23 80/3 85/15 86/6 86/7 93/25 94/20 101/9 103/8 103/13 111/8 111/9 116/15 129/9 149/14 159/5 159/21 161/4 162/1 162/19 164/9 164/14 179/12 180/23 181/1 189/3 205/3 210/2 211/14 they [118] 2/14 4/15 9/13 9/15 12/14 17/8 17/9 18/23 20/19 20/21 20/22 21/15	111/8 113/17 114/17 117/15 118/25 119/8 119/23 121/15 122/1 122/18 122/18 122/21 123/1 123/16 123/20 123/21 124/2 124/6 124/8 125/23 126/16 127/15 129/6 130/8 131/25 132/7 133/5 137/14 137/15 138/16 139/5 140/2 140/2 141/6 142/8 143/21 143/22 144/21 147/8 147/21 149/10 150/6 150/9 150/10 150/22 151/24 152/3 152/14 159/19 161/19 161/19 161/21 162/25 165/17 166/8 166/17 166/20 167/13 168/13 170/21 168/2/ 168/25 168/25 169/20 195/13 199/10 199/14 203/8 204/22 208/14 209/6 209/21 210/9 211/19 211/21 212/19 213/18 thinking [14] 4/12 4/18 4/20 4/25 5/11 5/17 6/11 98/4 135/4 147/19 148/7 179/3 193/4 212/1 third [9] 47/25 59/20 73/9 79/2 88/21 133/16 202/24 204/9 204/25 this [225] Thompsons [1] 107/21 Thompsons LLP [1] 107/21 those [167] 1/15 1/22 2/14 2/16 2/17 3/20 3/21 4/14 4/22 5/4 5/9 6/25 9/2 9/11 10/3 12/11 12/14 15/17 16/14 16/15 17/16 18/15 19/16 20/3 20/9 20/12 20/13 20/18 21/4 21/6 21/14 22/10 22/11 23/4 24/8 24/9 24/15 24/21 27/18 27/21 28/9 29/24 30/4 33/12 33/14 34/21 37/20 37/24 38/4 38/16 38/24 39/8	39/18 40/7 40/10 40/13 40/22 41/17 41/20 42/10 43/15 44/4 44/22 45/7 46/2 46/8 46/9 46/11 51/11 51/25 53/6 54/6 55/12 57/1 57/23 57/25 56/2 57/13 63/11 64/2 64/4 68/2 68/4 72/24 74/7 84/5 89/5 90/24 91/19 93/24 94/6 97/1 98/5 99/12 101/21 102/2 106/20 110/8 110/25
----------	---	--	--	--

T	126/9 126/10 126/22 127/14 127/16 129/20 132/6 133/6 133/11 133/12 133/14 134/16 140/4 141/3 144/6 147/16 148/7 153/6 155/2 156/1 157/20 158/10 159/4 159/5 161/25 162/25 163/23 167/10 168/3 168/3 168/9 170/17 170/19 171/23 174/17 175/21 175/25 179/1 180/8 185/2 185/9 185/21 186/4 188/22 194/22 200/18 201/11 204/7 205/10 205/25 206/4 207/18 208/1 208/3 209/19 210/19 211/22 213/18 213/21 timely [3] 61/18 163/21 164/1 times [4] 49/20 120/12 138/2 208/15 timescale [2] 139/12 139/16 timescales [1] 84/15 timing [1] 209/14 tip [2] 4/2 186/1 title [2] 60/12 60/15 today [15] 49/24 58/18 99/15 107/11 125/6 148/14 151/20 154/5 165/2 183/6 184/25 194/25 209/5 212/17 213/15 today's [3] 180/21 180/22 180/22 together [15] 2/16 12/17 28/12 69/21 79/11 79/23 95/2 96/19 122/15 128/7 133/16 134/22 173/3 173/7 200/4 told [3] 65/23 97/7 100/16 tolerable [2] 114/14 114/17 tomorrow [1] 213/23 too [12] 21/24 22/3 115/15 115/16 134/13 144/6 144/15 155/4 161/24 165/4 165/4 199/14 took [23] 26/20 27/10 28/18 30/16 33/18 34/23 35/2 38/5 45/16 67/7 69/3 76/13 77/4 82/5 91/6 123/8 126/9 127/16 128/10 175/3 187/7 200/16 202/6 top [15] 11/9 33/1 71/19 71/22 79/1 81/3 82/20 88/14 89/4	103/3 105/6 148/18 166/24 167/23 200/4 topic [5] 16/25 205/8 207/11 208/18 212/3 topics [1] 102/11 touch [1] 12/11 toward [1] 100/9 towards [1] 42/9 town [1] 185/24 Townsend [1] 206/2 Tracey [2] 65/11 65/17 tracing [2] 116/18 117/5 trade [2] 140/24 141/1 trade-off [1] 141/1 trade-offs [1] 140/24 traditionally [1] 58/2 trail [1] 137/9 train [2] 112/15 138/10 trained [1] 50/2 training [11] 41/13 45/22 45/25 67/18 179/8 179/11 179/16 180/14 181/7 181/10 183/19 trains [1] 132/20 transfer [23] 4/11 6/2 19/25 21/10 44/18 44/24 156/8 157/18 158/6 159/1 159/11 159/12 160/17 163/16 164/16 165/11 167/16 169/2 170/9 174/13 174/16 175/18 197/5 transferred [8] 62/13 78/2 156/11 156/22 159/5 160/14 163/6 168/10 transferring [2] 62/10 157/24 transfers [4] 62/8 62/12 109/12 128/5 transition [1] 102/4 translated [5] 5/14 11/24 23/21 167/1 188/14 translation [1] 25/18 transmissibility [2] 211/5 211/8 transmission [5] 24/2 24/7 91/16 196/1 211/9 transpired [1] 56/10 trap [1] 155/3 travel [1] 139/1 Treasury [1] 200/20 treat [1] 22/24 treated [2] 122/4 122/23 treatment [2] 148/25 149/17	treatments [1] 24/14 tried [3] 54/20 188/9 192/2 trigger [2] 19/18 19/19 triggers [2] 18/9 18/17 troubled [1] 176/9 true [8] 26/3 32/13 58/23 64/8 107/15 156/2 159/16 196/18 trusts [1] 88/22 truth [1] 154/24 try [16] 2/18 34/6 38/23 39/4 110/12 112/15 112/17 113/7 118/6 118/13 123/20 144/6 166/5 178/24 188/15 188/21 trying [17] 52/3 119/23 120/2 120/3 124/25 125/2 125/20 129/15 136/15 149/18 153/14 154/3 200/5 209/13 209/15 209/18 213/8 TUC [1] 107/20 Tuesday [1] 1/1 turn [8] 26/8 61/2 69/25 76/11 79/1 91/23 126/17 177/2 turned [2] 183/24 196/6 turning [3] 22/11 176/1 195/7 twice [1] 97/20 two [22] 1/10 1/22 26/10 26/18 27/4 38/9 40/3 40/10 52/6 52/6 57/9 61/4 76/14 91/24 92/9 96/19 152/4 161/19 179/20 184/1 191/2 197/3 two years [3] 26/18 38/9 191/2 type [5] 9/18 116/11 143/8 145/2 201/5
----------	---	---	--

U	69/25 73/12 73/25 102/18 108/21 109/24 110/14 115/18 116/18 116/21 123/25 124/22 125/16 126/12 132/25 133/7 143/19 148/11 148/20 149/1 155/2 161/25 162/9 168/24 177/21 181/18 189/9 195/20 201/4 208/12 208/14 210/18 upcoming [1] 178/16 update [7] 24/18 96/16 96/18 97/6 97/15 100/12 104/7 updated [23] 19/25 22/13 22/18 24/18 24/20 24/23 24/24 43/1 43/5 72/24 80/4 84/18 96/15 96/23 97/3 97/12 97/14 97/19 98/9 100/11 183/12 183/13 197/8 updates [3] 15/8 25/1 80/2 updating [5] 21/8 24/17 73/5 96/7 97/24 upon [14] 23/12 25/12 87/19 95/24 96/11 116/16 167/5 167/6 171/14 178/3 183/24 188/19 191/23 194/6 urgency [2] 105/19 106/1 urgent [1] 77/19 us [54] 22/20 24/15 25/24 26/2 27/2 37/17 38/23 40/25 41/17 41/19 42/15 44/4 53/21 61/10 64/10 64/25 65/11 65/23 68/10 72/25 75/3 78/11 79/5 86/4 86/7 87/17 89/7 91/6 97/7 100/9 100/16 100/25 101/6 118/21 119/4 121/17 123/19 124/5 135/18 140/20 159/6 161/3 162/11 171/5 175/17 178/6 182/17 184/13 191/6 193/1 206/7 206/22 207/15 211/13 unusually [1] 204/11 up [62] 5/13 5/18 8/12 9/9 9/18 12/17 13/3 14/18 15/16 17/23 23/12 24/9 25/8 26/22 27/23 27/24 34/20 36/10 37/7 38/25 39/13 40/14 41/6 47/23 48/2 52/14 53/17 54/6 54/9 56/13	113/22 132/6 134/21 159/24 160/15 172/25 173/20 179/7 184/5 useful [2] 184/11 195/20 using [3] 13/8 26/1 45/8 utilise [2] 18/18 55/24 V vaccinate [1] 22/24 vaccine [1] 211/3 validity [1] 44/9 variant [1] 2/4 variants [1] 25/1 variety [2] 54/14 137/1 various [8] 8/23 20/23 36/3 41/25 112/8 132/24 162/20 166/23 vary [1] 98/24 Vaughan [5] 16/17 35/24 107/6 107/7 215/14 Vaughan Gething [1] 107/6 version [6] 11/18 71/7 71/7 72/18 96/5 176/24 version 2 [1] 71/7 versions [1] 181/6 very [96] 3/24 11/4 13/16 17/13 18/3 22/16 26/4 26/6 26/6 26/16 32/11 36/12 36/12 40/18 45/5 51/4 51/8 52/19 54/17 55/10 56/5 56/15 57/2 58/5 58/16 63/11 71/24 78/12 78/16 93/16 94/20 97/18 100/2 100/2 100/19 102/6 104/10 105/6 105/17 106/24 106/25 107/17 109/11 111/11 112/12 114/20 123/8 124/9 125/3 125/21 126/8 127/8 137/3 143/21 143/21 144/13 147/21 148/18 152/4 152/20 152/24 153/19 153/22 154/4 154/20 155/5 157/1 157/2 162/10 172/8 176/2 176/3 177/22 178/11 182/9 185/11 187/25 193/9 193/17 194/2 194/23 197/23 197/23 197/24 197/25 201/9 201/13 205/14 206/1 206/9 207/10 211/9 212/3 213/10 213/13	213/16 veterinary [1] 125/8 view [19] 9/2 9/15 10/3 18/15 18/15 26/1 61/15 100/22 122/11 122/16 157/11 163/19 166/25 178/1 178/24 178/25 180/18 200/5 203/7 views [5] 33/16 158/9 176/19 177/24 178/9 viral [2] 24/7 196/1 virtually [1] 128/19 virtue [4] 9/5 14/9 183/23 186/14 virulence [2] 211/4 211/7 virus [7] 115/14 196/3 210/24 211/2 211/16 212/3 212/11 viruses [3] 24/5 195/24 212/16 195/16 202/1 WAST [1] 78/7 watch [2] 137/4 137/8 water [3] 95/20 192/17 192/21 Watkins [1] 210/18 Watkins' [1] 211/20 wave [1] 144/11 waves [2] 142/11 148/22 way [64] 2/24 4/21 12/16 13/2 20/23 22/9 22/9 34/7 37/25 42/13 43/19 46/3 61/13 67/23 91/2 91/19 93/18 99/20 100/9 100/19 102/1 108/10 109/17 110/11 118/16 121/21 123/20 130/16 135/10 135/12 138/18 139/20 146/3 147/13 154/21 157/19 162/5 162/6 163/21 164/20 167/7 170/14 171/19 172/11 173/5 173/18 174/17 175/6 176/17 178/5 182/9 183/1 191/16 193/2 193/11 197/16 198/7 199/15 200/2 200/3 200/25 203/2 206/13 208/14 ways [3] 53/4 157/18 163/23 we [446] we haven't [1] 94/2 we'd [8] 13/6 18/18 20/25 53/20 134/23 144/22 152/16 153/12 we'll [14] 29/2 36/9 60/19 74/20 76/11 76/20 84/3 117/20 123/5 135/14 144/15
----------	---	---	---

W	181/25 Welsh [178] 1/8 4/6 4/7 5/3 5/20 5/24 5/25 6/23 7/13 7/15 7/20 7/25 8/21 8/24 9/4 10/25 13/19 13/20 13/21 13/25 14/6 14/11 14/12 14/13 14/24 15/4 15/22 17/8 18/21 20/1 20/17 21/8 23/11 28/1 35/2 38/25 41/2 44/1 57/21 61/5 61/14 62/18 65/1 66/6 66/19 67/10 67/13 67/16 68/11 69/4 70/6 72/4 78/14 80/17 82/22 83/11 83/21 83/22 85/9 86/24 87/8 88/4 88/7 89/8 89/10 92/6 94/25 102/23 113/9 121/5 138/11 139/9 146/5 155/16 156/12 156/20 156/23 156/25 157/3 157/6 158/1 158/7 159/3 159/7 159/17 159/23 160/2 161/3 161/7 162/16 162/17 162/21 162/22 163/13 164/6 164/12 164/18 166/24 167/22 168/2 168/10 168/11 169/4 169/23 170/11 170/14 170/19 170/24 171/4 171/18 171/22 172/19 173/2 173/4 173/8 173/15 173/18 174/11 175/17 176/11 177/20 178/13 178/21 178/22 179/3 179/15 180/13 181/17 182/23 183/5 183/22 184/19 185/10 185/19 186/25 188/23 188/24 191/4 192/9 192/14 193/1 193/5 198/14 198/21 199/21 202/1 204/8 204/12 204/18 205/9 205/25 207/24 208/7 208/10 210/8 Welsh Assembly [1] 208/10 Welsh Government [124] 4/6 5/3 7/13 7/15 7/20 7/25 8/24 9/4 10/25 13/19 13/20 13/21 13/25 14/6	14/11 14/12 14/13 14/24 15/4 15/22 17/8 18/21 20/1 20/17 21/8 23/11 28/1 35/2 38/25 41/2 44/1 57/21 61/5 61/14 62/18 65/1 66/6 66/19 67/10 67/13 67/16 68/11 69/4 70/6 72/4 78/14 80/17 82/22 83/11 83/21 83/22 85/9 86/24 87/8 88/4 88/7 89/8 89/10 92/6 94/25 102/23 113/9 121/5 138/11 139/9 146/5 155/16 156/12 156/20 156/23 156/25 157/3 157/6 158/1 158/7 159/3 159/7 159/17 159/23 160/2 161/3 161/7 162/16 162/17 162/21 162/22 163/13 164/6 164/12 164/18 166/24 167/22 168/2 168/10 168/11 169/4 169/23 170/11 170/14 170/19 170/24 171/4 171/18 171/22 172/19 173/2 173/4 173/8 173/15 173/18 174/11 175/17 176/11 177/20 178/13 178/21 178/22 179/3 179/15 180/13 181/17 182/23 183/5 183/22 184/19 185/10 185/19 186/25 188/23 188/24 191/4 192/9 192/14 193/1 193/5 198/14 198/21 199/21 202/1 204/8 204/12 204/18 205/9 205/25 207/24 208/7 208/10 210/8 Welsh Assembly [1] 208/10 Welsh Government [124] 4/6 5/3 7/13 7/15 7/20 7/25 8/24 9/4 10/25 13/19 13/20 13/21 13/25 14/6	what [131] 1/8 7/14 8/24 9/1 10/6 10/10 11/14 12/25 16/1 16/3 17/8 18/5 18/12 29/24 36/19 44/23 47/8 48/12 48/24 49/3 50/25 52/5 53/25 54/3 54/4 54/6 54/9 55/14 55/16 56/10 61/25 63/12 64/12 66/7 66/10 66/20 67/9 67/19 69/1 69/3 70/3 71/11 71/13 71/17 73/14 73/15 73/17 75/15 75/19 76/2 77/4 77/21 79/6 86/23 90/9 95/14 95/16 96/11 97/7 98/15 100/2 101/17 101/21 110/4 110/16 110/16 111/1 114/17 116/22 117/23 118/9 118/13 120/4 120/16 122/24 123/9 123/20 124/25 125/23 126/12 132/4 132/9 132/21 134/15 134/24 135/1 136/21 137/6 138/19 139/5 139/12 141/1 144/15 147/9 149/16 149/22 150/25 153/10 159/6 160/10 162/17 163/12 164/4 164/5 165/24 166/17 168/14 172/3 175/6 177/11 180/18 180/20 182/7 182/10 182/16 186/19 191/22 193/7 193/13 195/15 199/9 199/16 199/21 201/21 203/23 207/15 208/17 210/19 212/15 212/20 213/3 what's [5] 100/14 115/9 138/3 139/14 210/16 whatever [8] 25/1 25/1 28/5 32/11 57/17 101/25 167/5 172/22 whatsoever [1] 151/21 when [82] 4/4 11/20 17/4 20/17 31/4 37/15 40/18 45/15 47/3 48/23 50/12 52/14 54/4 54/16 55/6 55/23 61/23 69/20 72/17 76/13 76/14 76/23 79/5 82/11 90/1 90/8 90/21 95/8 95/15 101/2 101/3 103/10 104/18 108/3 108/19 109/1 109/21 112/1 112/24 114/22 119/11 119/21 121/2 123/6	123/13 123/24 129/2 129/4 129/22 134/7 135/14 137/2 138/16 146/23 147/16 147/20 148/7 148/10 151/2 151/9 152/21 153/15 163/6 163/22 164/25 166/10 166/16 167/20 168/14 168/18 169/21 170/17 170/21 171/24 172/19 172/23 173/25 174/11 174/15 175/27 176/7 176/11 177/15 178/13 178/17 179/21 180/9 180/13 181/17 182/5 182/9 183/13 184/3 184/7 185/11 186/1 186/5 187/9 188/3 188/7 189/11 190/1 190/5 191/9 192/1 192/5 193/9 194/1 194/5 195/9 196/1 196/5 197/9 198/1 198/5 199/9 200/1 200/5 201/9 201/10 201/8 201/9 well-being [8] 8/10 16/19 35/23 59/21 104/16 108/2 110/25	(90) we'll... - which
----------	---	---	--	---	-----------------------

W	121/13 123/9 135/5 135/9 136/7 136/13 137/14 140/6 142/8 147/11 149/25 151/2 152/1 152/22 163/7 192/10 193/1 193/3 193/19 198/12 201/14 201/15 205/18 206/2 206/6 210/4 who's [1] 136/23 whoever [1] 141/12 whole [20] 15/23 30/5 33/11 63/14 75/21 91/1 91/2 94/5 125/21 127/9 130/19 136/22 144/11 175/23 185/12 191/4 192/15 192/15 193/23 197/20 wholesale [4] 167/11 169/22 170/3 170/5 wholly [2] 183/25 195/18 whom [1] 183/5 why [36] 11/11 11/16 14/4 19/15 34/21 41/4 41/10 52/2 62/1 63/9 63/17 75/5 81/22 81/25 91/20 96/22 97/14 103/11 104/7 127/10 138/23 144/13 147/21 164/23 176/12 176/13 189/18 193/22 199/11 201/6 201/22 203/6 204/11 204/19 212/2 213/9 wide [13] 4/14 50/1 50/11 73/19 80/16 110/3 110/22 114/4 129/15 131/19 142/10 173/20 179/9 widely [3] 95/8 115/16 126/16 wider [5] 67/13 101/15 119/18 159/22 203/7 width [1] 27/2 will [51] 2/17 3/21 15/24 36/25 77/3 80/8 82/3 87/14 90/5 98/24 101/2 101/3 101/5 112/17 112/20 115/13 115/15 116/12 125/11 125/12 131/18 134/3 138/25 141/11 142/6 142/23 147/5 149/8 159/20 163/11 166/20 167/6 167/13 167/23 171/12 171/13 172/24 177/11 178/3 178/4 178/8 182/6 188/19 193/22 200/13 200/19 202/24 203/7 206/5 209/18 213/18 willingness [3] 178/3	199/15 201/2 wiring [1] 163/23 wisely [1] 161/24 wish [3] 38/15 176/19 176/22 withdrew [4] 58/7 106/19 153/25 213/22 within [50] 12/9 15/16 16/15 21/7 22/5 23/1 23/20 25/17 27/1 36/19 37/14 42/14 43/3 43/25 47/13 49/12 64/5 69/6 70/5 74/2 79/14 81/24 91/10 101/8 101/14 101/19 103/21 108/9 113/18 113/21 118/8 118/17 125/10 129/2 130/10 135/2 136/14 136/14 138/24 139/12 139/14 139/16 146/5 156/19 159/22 161/3 167/21 188/16 191/17 210/6 without [16] 52/24 87/17 119/6 128/6 133/18 139/23 175/25 191/6 191/11 192/5 192/13 192/19 192/21 194/2 206/20 208/24 witness [29] 47/22 47/25 58/7 58/19 61/10 64/10 65/12 75/3 102/17 106/19 107/12 112/23 113/23 116/9 118/21 119/4 121/17 128/24 130/16 140/21 153/25 154/2 154/22 154/22 184/3 186/10 187/10 211/12 213/22 witnesses [6] 2/1 2/6 111/24 116/3 155/3 165/15 woefully [1] 143/16 won't [3] 47/7 171/12 210/18 wonder [1] 184/22 word [2] 161/13 172/25 wording [1] 7/6 words [4] 136/19 158/11 211/7 211/23 work [52] 3/20 3/21 5/6 5/15 5/17 15/19 17/4 21/7 30/16 33/19 39/11 42/5 42/6 42/20 45/5 46/3 56/23 77/16 80/20 80/21 82/17 84/7 84/8 84/12 86/25 96/4 100/10 101/1 101/3 102/3 102/5 111/4 114/19 118/13 138/9 138/17 147/17	Y yeah [18] 6/20 11/17 22/1 24/12 25/15 26/24 30/4 32/14 53/18 57/23 95/25 113/11 114/6 136/21 143/4 158/4 167/13 185/19 year [17] 45/17 51/13 58/22 62/3 62/5 65/3 75/12 76/18 84/10 103/7 107/14 120/7 120/12 157/2 190/10 197/14 208/15 yearly [1] 210/3 years [22] 4/8 26/18 29/10 29/17 30/1 38/9 41/3 62/19 74/24 94/18 97/20 97/23 98/8 105/24 106/8 119/22 165/11 168/8 175/14 181/3 186/7 191/2 Yellowhammer [4] 20/8 42/13 45/3 192/4 yes [126] 2/23 3/5 3/15 6/6 6/9 6/18 7/20 7/22 8/1 13/21 13/22 13/23 19/9 19/9 19/17 20/12 21/13 21/14 23/19 27/17 27/20 33/12 34/13 35/4 37/11 39/6 42/12 44/21 46/2 48/6 51/7 51/21 52/1 52/16 52/21 53/11 53/17 53/18 53/22 54/1 55/8 57/8 58/25 59/4 60/23 63/1 63/11 65/22 66/23 67/2 67/15 68/7 68/18 72/22 75/1 77/7 77/25 78/4 79/21 82/15 83/2 85/4 87/14 87/16 87/17 87/21 96/14 96/21 97/21 97/23 99/11 101/10 104/6 104/22 105/16 106/23 107/16 112/22 112/23 113/11 116/9 117/1 117/5 117/7 118/23 118/24 121/6 121/11 121/25 122/18 125/3 127/3 127/18 129/8 129/19 130/8 133/9 134/18 136/4 137/19 137/21 142/13 143/18 144/2 146/13 146/25 151/11 151/15 154/3 155/24 160/9 164/10 166/12 178/23 187/2 190/12 190/24 191/21 193/25 196/8 198/23 209/3 209/7
----------	---	--	--

(91) which... - yes

Y	128/16 128/24 129/2 129/8 129/11 130/16 132/13 133/8 133/20 133/20 134/7 137/21 138/19 140/21 153/22 154/17 154/24 155/2 155/13 160/25 163/12 163/23 164/24 165/1 178/23 184/21 186/16 186/20 187/8 187/10 188/2 188/7 188/12 188/16 193/7 193/16 194/9 194/24 198/2 199/6 207/12 207/15 209/4 211/11 212/1 212/8 212/9 212/15 213/21			
yes... [3] 209/20 210/15 213/24				
yesterday [19] 19/21 39/2 39/10 39/13 40/1 42/1 42/13 47/3 48/23 51/3 53/2 76/16 137/5 137/7 137/20 151/20 165/2 183/5 209/25				
yet [7] 94/2 101/25 105/17 106/10 157/16 176/14 190/1				
yoke [1] 25/2				
you [617]				
you know [15] 3/23 3/23 6/10 25/20 27/19 33/15 46/14 51/24 135/15 141/23 144/11 165/21 176/20 185/25 193/23				
you'd [3] 123/15 205/6 206/17				
you'll [4] 115/4 132/24 181/14 212/2				
you're [20] 6/16 13/16 42/12 55/4 113/19 118/4 118/5 124/23 129/15 135/4 136/21 138/22 141/18 142/4 147/9 149/12 152/4 154/6 194/20 209/13				
you've [39] 2/11 6/15 11/19 31/23 45/13 46/19 47/21 47/22 47/25 50/24 54/5 57/23 58/17 96/12 97/7 100/11 100/16 102/8 107/10 118/16 119/14 125/17 132/16 132/20 133/1 137/23 141/20 142/2 148/13 154/23 155/15 155/17 171/9 194/17 199/19 200/2 201/6 207/14 209/5				
your [101] 7/6 10/2 15/25 32/7 40/4 40/5 45/12 47/22 47/25 56/2 58/20 58/24 60/18 60/20 61/10 61/15 64/10 65/11 65/22 74/15 75/3 77/2 86/6 91/10 93/12 93/18 102/17 107/12 107/15 107/18 110/25 112/23 113/8 113/23 115/12 117/4 117/21 118/21 119/4 121/4 121/17 121/21 122/3 122/16 124/16 126/13 126/13 126/17 126/22 126/25 127/6 128/1				

(92) yes... - zoom