1	Thursday, 14 November 2024	1		the century, opened in 1914, and much of the estate that
2	(10.00 am)	2		houses our medical wards and older people's wards were
	LADY HALLETT: Mr Mills.	3		built between the 1920s and 1930s, and those wards are
4	<b>MR MILLS:</b> My Lady, may I please call Professor Colin McKay.	4		still very much as they were at the early part of the
5	PROFESSOR COLIN MCKAY (affirmed)	5		century.
6	Questions from COUNSEL TO THE INQUIRY	6	Q.	And the demographics, please, about the population it
7	MR MILLS: Your full name, please.	7		serves?
8	A. Colin John McKay.	8	Α.	Yes. The hospital sits in the east end of Glasgow,
9	<b>Q.</b> Professor, you have provided a statement to the Inquiry.	9		which is where many of the most deprived communities i
10	For reference that is INQ000478114.	10		Glasgow live, and just to give you a flavour of that,
11	You are currently the Deputy Medical Director of	11		the life expectancy for men in that part of the city is
12	Corporate Services at the NHS Greater Glasgow and Clyde	12		maybe 10 to 14 years less than the parts of the city
13	Health Board?	13		where many of the medical staff might live.
	A. That's correct.	14	Q.	
	<b>Q.</b> And from 2019 to 2023 you were the Chief of Medicine at	15		capacity. At paragraph 43 of your statement you explain
16	the Glasgow Royal Infirmary, which sits within the	16		that pre-pandemic the GRI's ICU was a 20-bedded unit.
17	health board; is that right?	17		That was comprised of twelve level 3 (that is
	A. That's right. It's one of the four acute hospitals	18		ventilated) and eight level 2 (that is high dependency)
19	within the health board.	19		beds. From that baseline, how did the GRI go about
	<b>Q.</b> First, please, background to the hospital. What can you	20		increasing its ICU capacity in March and April 2020?
21	tell the Inquiry about the age of its estate, and the	21	Α.	So when we were given the directive to look to increase
22	characteristics of the population it serves?	22		capacity, we examined our estate to look to the areas
	A. Well, this will be the 300th anniversary of Glasgow	23		which would be suitable for flexible use for critical
24	Royal Infirmary. The oldest parts of the estate that	24		care patients. The first area was a small recovery area
25	are still functioning were built in the early part of 1	25		next to our obstetric theatres which we repurposed for 2
4		4		
1	an additional six beds, I believe, in that area. And	1		were also asked to support ICU. Why were they chosen'
2	then we planned to move to the theatre reception area,	2	Α.	<b>.</b>
3	where further beds could be made available. And beyond	3		the skills with airway management and ventilator
4	that we clearly had looked to the potential future of	4		management and as we started to wind down elective
5	escalating the number of beds beyond that into our	5		surgical care, so anaesthetic teams, both trainees and
6	theatre recovery area and even into theatres themselves.	6		consultants, were redeployed into the intensive care
	LADY HALLETT: Professor, you have a soft voice. If you	7	~	unit.
8	could keep it up, I would be really grateful. It's	8	Q.	For those who were redeployed to ICU without the same
9	probably my hearing, actually, rather than your voice	9		levels of previous experience as those you have
10	but anyway.	10		mentioned, can you help us with this, please, how did
	<b>MR MILLS:</b> A soft voice but the pace is perfect.	11		the GRI go about upskilling those members of staff so
12	In respect of efforts to provide the staff then	12		that the hospital could satisfy itself that they were
13	for the increased number of beds, at your paragraph 57	13		ready to carry out ICU work effectively?
14	you say the GRI asked nurses with previous critical care	14	Α.	Yes, so this process was led by the senior nursing teams
15	experience to bring this to the attention of their line	15		and medical teams within the intensive care unit and
16	managers so that they could be redeployed to ICU. How	16		began in February 2020, and staff were taken for periods
17	many nurses were identified as being able to assist via	17		of time away from theatres or their normal place of work
	this route?	18		to spend time in the intensive care unit, under
	A. So, as you say, the first group of staff to be	19		supervision of senior staff, and that process continued
19		20		through February and into March, so that we had a coho
19 20	approached were those staff who had actual critical care			
20 21	experience, and those staff could be currently working	21		of staff who we felt were as comfortable as they could
19 20 21 22	experience, and those staff could be currently working within any part of the hospital. And I understand that	21 22		be, given the very limited time that we had available,
19 20	experience, and those staff could be currently working	21	Q.	

3

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1		supervise up to four non-ICU nurse who had been	1	Α.	ľ
2		redeployed. Did any of those supervising ICU nurses,	2		lo
3		ie the "1s" in the 1:4 ratio, ever raise concerns that	3		tl
4		this ratio placed too great a burden on them?	4	_	ir
5	Α.		5	Q.	C
6		ask the senior nursing teams, but what has been reported	6		0
7		to me in my role was that there were times when the	7		b
8		intensive-care-trained nurses felt that they were unable	8		tl
9		to deliver the if you like, the quality of care and	9	Α.	lı
10 11		supervision that they would normally expect to provide	10 11		p
12		to patients under their care. And feeling responsible	11		c S
		for the actions of staff who were less well skilled			
13 14	0	posed an additional stress on them at that time. At your paragraph 53 you say that, given the limitations	13 14		p tl
14	ц.	of the GRI's estate, the availability of ventilators and	14		ir
15		the availability of staff, it was agreed that the	15		1
17		maximum ICU expansion would be to 42 beds?	10		e
18	۸	Yes, that's correct, that was what we set out in our	17	Q.	L
19	А.	expansion plan as an absolute maximum, given the	10	α.	Ģ
20		limitations of the estate, and particularly staffing.	20		
20	0	Was that number achieved?	20		
22	а. А.		21		
23		I think the maximum number of beds that we ever needed	22		р
24		was 31.	20		٢
25	0	Can you help with when you reached that 31?	25		
		5			
1		Do we understand from this that there were 11	1		С
2		occasions where patients could not be treated because	2	Q.	Т
3		the GRI's ICU didn't have a staff bed for them?	3		tl
4	Α.	It's a little bit more nuanced than that because the	4		
5		primary reason for transfer of patients out would be to	5		
6		maintain non-Covid capacity, if that makes sense.	6		I
7		Because clearly when most of the areas are being used	7		te
8		for managing patients with Covid, with AGP restrictions	8		
9		and the need for full PPE, we needed to maintain at all	9		C
10		times a small cohort of beds for patients who had other	10		
11		conditions because these obviously continued and so many	11		to
12		of the capacity transfers were actually for non-Covid	12		C
13		capacity into other intensive care units.	13	Α.	γ
14	Q.	Are you able to indicate when these capacity transfers	14		n
15		took place? Were they at a particular time or period	15		s
16		during the pandemic, or spread throughout that	16		ti
17		period March '20 to June '22?	17	Q.	C
18	Α.	I'm afraid I'm not, because the way in which these	18		С
19		patients would have been identified for transfer would	19		
20		have come from the emergency department, or medical high	20		t
21		dependency areas or other parts of the hospital, so it	21		р
22		wasn't something that would be recorded. But it's	22		а
			00		~
23		important, I think, to understand that there are always	23		s
		important, I think, to understand that there are always transfers out for specialist care, for example to the	23 24		5
23					0

ir	У	14 November 2024
	А.	I'm not sure I can give you the answer to that without
		looking through some notes but it was towards the end of
		the first wave, so that would have been in presumably
		in April/May 2020.
	Q.	Can you give the Inquiry a sense, please, of the feeling
		on the ground at the time that that 31-bed capacity was
		being reached. Was there a palpable fear amongst staff
		that the ICU would become overwhelmed?
	Α.	In all honesty, I think I can say that that wasn't the
)		primary concern of staff at that time. We had daily
1		calls with the intensive care units across the west of
2		Scotland, we had systems in place for transfers of
3		patients out to maintain capacity, and we always knew
1		that if the extreme situation called for it we would be
5		in a position to expand our intensive care numbers. So
3		I don't think that that was a concern that was openly
7		expressed with me certainly.
3	Q.	Let us consider those transfers, both in and out of the
)		GRI's ICU.
)		Please can we go to INQ000412901. Thank you.
1		These are the transfers out of the GRI's ICU:
2		"Between March 2020 and June 2022, we sent 26
3		patients out for ICU care from [the] GRI."
1		And if we look to the second highlighted passage:
5		"Capacity transfers out totalled 11."
		6
		care, for example, in another hospital.
	Q.	To complete the picture let us consider the times when
		the GRI's ICU accepted transfers.
		We have on screen INQ000412900.
		First line, 40 patients received into the GRI's
		ICU. Again, that's the same period of time, March '20
		to June '22.
		And the second highlighted passage at the bottom
		of the screen, ICU capacity transfers in totalled 7.
)		Do we take from that that the GRI's ICU was able
1		to assist other ICUs when they reached capacity on seven
2		occasions?
3	Α.	Yes, that's correct, but again you will see that the
1		majority of transfers in were for other reasons and for
5		specialist care during that time, as happens all the
3	_	time.
7	Q.	Can we move, please, to IPC guidance. At paragraph 180
3		of your statement you say this:
)		"It was also clear on the ground that some of
)		the advice about infection control early in the
1 >		pandemic was incorrect and unhelpful. We were advised
2		about droplet spread in a situation where airborne
,		spread increasingly seemed possible."

- First this, please. What were clinicians seeing
- on the ground that made them think airborne spread was

1		increasingly possible?
2	Α.	So I think this was first flagged to us by our infection
3		control team who were seeing strange patterns of when
4		I say strange, in other words not what we would have
5		expected during non-Covid times. We were seeing spread
6		patterns within our Nightingale wards which were
7		indicative of airborne spread. So patients in a distant
8		part of the ward, for example, would test positive
9		without having had any known or obvious close contact
10		with a patient who had tested positive earlier in
11		another part of the ward.
12		So they, as the infection control team, raised
13		that concern really quite early on.
14	Q.	Are you able to give the Inquiry an indication of how
15		early?
16	Α.	I'm not sure I could do that with accuracy but certainly
17		by April 2020 that was something which we were concerned
18	~	about.
19	Q.	Those concerns having been raised by members of the IPC
20		team, did that lead to the GRI treating Covid-19 as
21 22	Α.	being airborne spread from that early stage, April 2020?
22	А.	No, we were very careful to comply, as far as was possible, with the guidance that we were issued at
23 24		a national level and, again, at board level. We had
24		regular discussions through our, what we called the
20		9
4		antian "
1		action."
2		Can you share with the inquiry any examples of
2 3		Can you share with the inquiry any examples of when local guidance was created in the absence of
2 3 4	•	Can you share with the inquiry any examples of when local guidance was created in the absence of national guidance?
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2 3 4 5 6 7 8	A.	Can you share with the inquiry any examples of when local guidance was created in the absence of national guidance? I think perhaps the most obvious of those was the cohorting guidance because clearly in a hospital where we had very few single rooms and many open wards, we were forced to cohort patients with similar risk
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q.	Can you share with the inquiry any examples of when local guidance was created in the absence of national guidance? I think perhaps the most obvious of those was the cohorting guidance because clearly in a hospital where we had very few single rooms and many open wards, we were forced to cohort patients with similar risk profiles at different times, well in advance of structured Covid cohorting guidance coming out. And this particularly related to the management of patients who were identified as contacts of Covid-positive patients. So we created our own cohorting guidance and adapted that through the different stages of the pandemic until formal guidance came in. Did you alert NHS Scotland to the fact that you had created local guidance where there was no national guidance? Yes, my understanding is there were daily conversations with HPS and then ARHAI, as it became, with our deputy director of infection control but these conversations

25 Q. Did those within the GRI ever perceive a difference

1		acute tactical group which is where the governance of
2		all of our guidance was held, and we sought to influence
3		guidance where we possibly could but at no time did we
4		feel that we could that we were in a position to
5		deviate significantly from the national guidance that we
6		were given.
7	Q.	Did that create a certain level of tension within the
8		hospital between trying to comply with national guidance
9		at a time when there had been recognition of airborne
10		spread?
11	Α.	Yes, it did at times. I certainly remember
12		conversations where we discussed offering respiratory
13		PPE to nursing staff who were managing patients on Covid
14		wards, but there are many complexities to that, one
15		being the availability of PPE early in the pandemic, but
16		other but again, the messaging to staff, because by
17		doing that we are, if you like, making we're
18		introducing uncertainty to them and perhaps making them
19		feel less safe in the workplace, when we were not in
20		possession of strong evidence on which to overrule what
21		we were being given as the national guidance.
22	Q.	At your paragraph 179 you say:
23		"It became clear fairly quickly [that] across
24		a range of areas NHS Scotland guidance would not be
25		available within the timescale needed for definitive
		10
1		between guidance issued at a national level and guidance
2		issued by the royal colleges?
3	Α.	Yes, there were several examples of that which I've set
4		out in my evidence statement. I think the most obvious
5		of those was the guidance on cardiopulmonary
6		resuscitation and the national guidance was quite clear
7		that chest compressions as a component of CPR was not
8		an AGP but, if I recollect, the intubation component of
9 10		it was. The medical teams on the ground who had
10 11		obviously a lot of experience of managing CPR were concerned that that underestimated the risk of chest
12		compressions to staff, and that was reinforced by
12		guidance which was then issued by royal colleges and
14		others, and led to some tension on the ground and many
14 15		conversations, and led to us adapting that guidance
16		within the Royal Infirmary to allow chest compressions
17		to be considered as an AGP on advice and with the
18		agreement of our senior medical teams.
19	Q.	You refer to tensions on the ground. I wonder if I can
10	- <b>- -</b>	. e stor to tonoione on the ground. I wonder in routh

- **Q.** You refer to tensions on the ground. I wonder if I can ask you this. Given all that we have discussed on this
- ask you this. Given all that we have discussed on thsubject, can you give the Inquiry an insight into the
- 22 level of confidence that staff at the GRI had in
- 23 national IPC guidance?
- 24 A. I think that that varied throughout the course of the
- 25 pandemic. I met with my senior team on a daily basis 12

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1		and we discussed the challenges of implementing
2		
		guidance, but I think how we felt our role was to try to
3		give that confidence to the teams on the ground, so that
4		they felt comfortable understanding what current
5		guidance was, what the expectations that they had
6		that the expectations that they had were met and that
7		they had PPE when they required it, and we, as
8		I've said, tried very hard not to deviate from that
9		national guidance because we did feel that bringing that
10		uncertainty to staff would not be helpful in the midst
11		of what was a deeply difficult crisis situation.
12	Q.	Moving to PPE and starting, please, with fit testing.
13		At your paragraph 124, Professor, you say that by
14		the second week of March 2020 the hospital had used the
15		bulk of its FFP3 masks to fit test staff. Can you tell
16		us, please, about the quality of the supplies of FFP3
17		masks that the hospital received later that month and
18		their fit test failure rates?
19	Α.	Yes. We were assured there was a national stockpile of
20		FFP3 masks which would be delivered and when that supply
21		arrived and turned out to be a different mask and we
22		started to fit test staff again, we were being reported
23		failure rates of up to 75% with one of the masks which
24		clearly meant that we stopped using those and looked for
25		other supplies.
		13

1	Q.	At paragraph 181 you say:
2		"The lack of supply of approved powered
3		respirators was difficult to understand."
4		Why do you say that, please?
5	Α.	Well, we had access to power respirators. One of our
6		plastic surgery trainees had sourced a supply of powered
7		respirators which she brought to our attention and
8		I remember us all out in the hospital car park seeing if
9		we could fit staff to these masks. But it transpired
10		that there wasn't an approved method of filter cleaning
11		or availability of filters to change for these masks.
12		But for whatever reason, we were never allowed to deploy
13		these masks into the workplace at that time and it was
14		a source of ongoing frustration that it took many months
15		for a supply of powered respirators to be made available
16		to staff.
17	Q.	Finally on PPE this, please. At your paragraph 126 you
18		record that there was anxiety amongst staff that there
19		might come a point when there was a critical shortage of
20		PPE. You go on to say this.
21		"From an ethical point of view, we would never
22		have asked staff to put themselves at risk, but it was
23		always my belief that faced with this scenario many
24		staff would have prioritised patient care over their
25		own safety."

1	Q.	At your 121, you say there was a small group of staff
2		who could only be fit tested with one type of mask. Did
3		this small group have any particular characteristics?
4	Α.	Yes, from memory, they were mainly women.
5	Q.	Finally on fit testing, this, please. At paragraph 168
6		you refer to an equality impact assessment carried out
7		at board level in respect of staff who, for religious
8		reasons, preferred not to shave. The decision was made
9		to ask those staff members to shave their beards so that
10		masks would fit. Appreciating you were not working at
11		board level at the time, I wonder, are you able to give
12		the Inquiry an insight into the reasons for that
13		decision and the staff reaction to that?
14	Α.	So I'm not sure I can give you an insight into the
15		reasons for the decision but it was certainly a decision
16		which we felt was appropriate. We felt it was
17		appropriate for us to be able to ask staff to shave in
18		order to be fit tested to allow them to work in a high
19		risk environment, particularly if those staff had the
20		very rare skill sets required for working, for example
21		in critical care units. From memory, I don't think
22		there were any members of staff who refused to shave in
23		order to be fit tested. But any who did would have been
24		deployed into non-patient-facing areas for their own
25		safety at that time.

14

1		Do you mean to say here that staff would have been
2		prepared to treat patients wearing inadequate PPE?
3	Α.	So this is very difficult and it was one of the
4		questions in fact which we asked new consultant staff at
5		interview, you know, what would you do if you were faced
6		with, for example, having to intubate a patient who had
7		arrested and you didn't have available PPE? And I think
8		different staff may respond differently in that
9		situation. But I think we have to look at this in the
10		context of an environment where we knew, all of us knew
11		that we were at risk, most staff caught Covid early in
12		the pandemic through frontline patient care and
13		continued to work in that environment, knowing that they
14		were putting themselves and sometimes their families
15		at risk.
16		So yes, I do believe that is the case.
17	Q.	Did this scenario, in your view, ever, in fact, arise?
18	Α.	Well, there was never a scenario where we actually ran
19		out of PPE as per national guidance but there were
20		certainly weekends where we were looking at having no
21		more than one or two days' supply which created a great
22		deal of anxiety for those of us who were in charge of
23		running the organisation.
24	Q.	Can we move to consider the treatment escalation plan
25		introduced in March 2020.
		16

(4) Pages 13 - 16

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I think, in retrospect, looking at the documentation

here, it's perhaps unfortunate that we called it the

it's simply the treatment escalation plan and it is

Q. What effect do you think calling it the Covid-19

patients even today.

escalation plan"?

still in place and is considered best practice and is

something that we encourage all staff to complete for

escalation plan had, then? What makes you say, "In

retrospect, we would have just called it the treatment

Yes, I think listening to some of the evidence to the

Inquiry it's clear that there is sometimes a perception

that we did things differently during the pandemic from the way in which we would have made decisions about

escalation under normal day-to-day circumstances and

I don't believe that in actual fact that was the case.

So, yes, I think by calling it the Covid-19 Treatment

Q. Considering then the decision-making process, please, if

At page 37, please, within the proforma, we have

we look at page 34 briefly. This is the start of the

the box here "COVID Treatment Escalation Plan ---18

presentation. But again, that was something which

required two senior decision-makers to agree before that

"Is this patient for CPR (complete DNACPR form

Can I ask you this, please, were any concerns

of patients that inappropriate DNACPR decisions had been

inappropriate DNACPR decisions. We often -- or, I say

"often". We sometimes receive complaints about failures

documentation, but these are complaints that arise from

time to time under normal circumstances. I'm not aware

in the Royal Infirmary of any specific concerns during

20

raised by staff that certain patients were arriving at

A. No, that was not something that was ever raised with me.Q. Were you aware of any concerns raised by family members

the GRI with inappropriate DNACPR notices?

A. No, I'm not aware of any concerns regarding

in communication or sometimes in failures of

suspected Covid-19 treatment proforma.

illness because of the severity of illness at

Q. And that's the note we see underlined there under

Q. If we look at the second point then within this box we

is something different or new.

decision was made.

"Comfort care"?

Yes, that's correct.

have the question:

made at the GRI?

if appropriate)."

Escalation Plan we have given the impression that this

Covid-19 Treatment Escalation Plan because, of course,

1		Please can we have on screen INQ000477554.
2		We read here the first highlighted piece of text:
3		"Due to the sheer numbers expected, the aim is
4		to establish which patients are for further escalation
5		or not at an early stage of their admission, ideally
6		on admission."
7		The second highlight:
8		"These discussions can be difficult especially
9		when the family are not present due to isolation
10		measures."
11		Can I start by asking you about the genesis of
12		this plan, please, Professor. Did it already exist in
13		some form or was it created in March 2020 for Covid-19?
14	Α.	So the treatment escalation plan was already in place.
15		The document that you refer to was an attempt by my
16		senior medical team to pull together various components
17		of guidance and signpost staff to the red map structure
18		for handling difficult conversations with patients and
19		to incorporate the treatment escalation plan within the
20		patient record at the point of admission to hospital,
21		because, as the Inquiry has heard, patients often
22		deteriorated quickly and having the treatment escalation
23		plan in place from the outset was thought to be helpful
24		for managing decisions as they might emerge.
25		But the treatment escalation plan wasn't new. And
		17
1		Emergency Department decision", and under the section
2		"Level of suitable escalation" we have four options.
2 3		"Level of suitable escalation" we have four options. Professor, please can you take us through each of
2 3 4		"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have
2 3 4 5		"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection.
2 3 4 5 6	А.	"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection. I'll do my best to do that.
2 3 4 5 6 7	А.	"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection. I'll do my best to do that. So intensive care referral would be for those
2 3 4 5 6 7 8	Α.	"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection. I'll do my best to do that. So intensive care referral would be for those patients for whom it would be considered after
2 3 4 5 6 7 8 9	А.	"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection. I'll do my best to do that. So intensive care referral would be for those patients for whom it would be considered after a holistic evaluation and discussion with senior staff
2 3 4 5 6 7 8 9 10	A.	"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection. I'll do my best to do that. So intensive care referral would be for those patients for whom it would be considered after a holistic evaluation and discussion with senior staff that it could be anticipated that a patient could
2 3 4 5 6 7 8 9 10	A.	"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection. I'll do my best to do that. So intensive care referral would be for those patients for whom it would be considered after a holistic evaluation and discussion with senior staff that it could be anticipated that a patient could survive prolonged ventilation and be able to resume
2 3 4 5 6 7 8 9 10 11 12	A.	"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection. I'll do my best to do that. So intensive care referral would be for those patients for whom it would be considered after a holistic evaluation and discussion with senior staff that it could be anticipated that a patient could survive prolonged ventilation and be able to resume a high quality of life or an acceptable quality of life
2 3 4 5 6 7 8 9 10 11 12 13	A.	"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection. I'll do my best to do that. So intensive care referral would be for those patients for whom it would be considered after a holistic evaluation and discussion with senior staff that it could be anticipated that a patient could survive prolonged ventilation and be able to resume a high quality of life or an acceptable quality of life following recovery.
2 3 4 5 6 7 8 9 10 11 12 13 14	A.	"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection. I'll do my best to do that. So intensive care referral would be for those patients for whom it would be considered after a holistic evaluation and discussion with senior staff that it could be anticipated that a patient could survive prolonged ventilation and be able to resume a high quality of life or an acceptable quality of life following recovery. There's very little difference between the
2 3 4 5 6 7 8 9 10 11 12 13 14 15	A.	"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection. I'll do my best to do that. So intensive care referral would be for those patients for whom it would be considered after a holistic evaluation and discussion with senior staff that it could be anticipated that a patient could survive prolonged ventilation and be able to resume a high quality of life or an acceptable quality of life following recovery.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A.	<ul> <li>"Level of suitable escalation" we have four options.</li> <li>Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection.</li> <li>I'll do my best to do that.</li> <li>So intensive care referral would be for those patients for whom it would be considered after a holistic evaluation and discussion with senior staff that it could be anticipated that a patient could survive prolonged ventilation and be able to resume a high quality of life or an acceptable quality of life following recovery.</li> <li>There's very little difference between the suitability for ITU referral or HDU referral, in other words between level 2 and level 3, but certainly we would perhaps have a lower threshold for escalation to</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Α.	"Level of suitable escalation" we have four options. Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection. I'll do my best to do that. So intensive care referral would be for those patients for whom it would be considered after a holistic evaluation and discussion with senior staff that it could be anticipated that a patient could survive prolonged ventilation and be able to resume a high quality of life or an acceptable quality of life following recovery. There's very little difference between the suitability for ITU referral or HDU referral, in other words between level 2 and level 3, but certainly we
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A.	<ul> <li>"Level of suitable escalation" we have four options.</li> <li>Professor, please can you take us through each of these options and set out the factors that would have pointed towards their selection.</li> <li>I'll do my best to do that.</li> <li>So intensive care referral would be for those patients for whom it would be considered after a holistic evaluation and discussion with senior staff that it could be anticipated that a patient could survive prolonged ventilation and be able to resume a high quality of life or an acceptable quality of life following recovery.</li> <li>There's very little difference between the suitability for ITU referral or HDU referral, in other words between level 2 and level 3, but certainly we would perhaps have a lower threshold for escalation to high dependency because mechanical ventilation would not be required.</li> <li>I guess active ward-based care would include everything up to the point of requiring non-invasive ventilation.</li> </ul>
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(5) Pages 17 - 20

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1		the Covid pandemic relating to a DNACPR completion,
2		communication or appropriateness.
3	Q.	
4		next section response required across the top row: "Plan
5		discussed with Patient", "Plan discussed with family".
6		Was it mandatory to discuss this plan with either
7		the patient or their family or both?
8	Α.	We have a very clear policy. So the clear requirement
9		is for us to discuss with patient and with family
10		members with patient permission where that can be given.
11		Clearly, the complexities during the pandemic were that
12		family were often not present and so these conversations
13		would have to take place by telephone, which is not
14		ideal, and obviously that was a learning process for
15		staff.
16		But, yes we did everything that we possibly could
17		within the limitations of the visiting restrictions and
18		other restrictions to make sure that families were
19		informed and that these discussions were took place
20		as they should always happen.
21	Q.	Are you aware of any occasions where communication was
22		not made?
23	Α.	I am not aware of any specific occasions but I am sure
24		that there were situations where that communication was
25		less than we would have hoped. I'm certain there will 21
1	Q.	Was it made clear to staff that the scale was not

2	appropriate for use on those under 65 or those with
3	stable disabilities?

- 4 Α. Well, I think although the scale is invalidated for use 5 in under 65s and is less accurate in the patient cohorts
- 6 that you describe, it is still recommended for use as
- 7 part of that wider holistic assessment in patients of
- 8 all ages, so I'm not sure that I completely agree with
- 9 that characterisation of it. But the staff who were
- 10 using this are staff who are trained and who manage
- 11 patients with frailty on a day-to-day basis in their
- 12 normal working lives.

13 Q. If we look at page 45, please. We find guidance on 14 "Talking with people and families about planning care, 15 death and dying". Is what we have looked at on screen 16 the totality of the treatment escalation plan, or would

- 17 there have been other guidance associated with it?
- A. There is -- the document that you put up originally had 18 19 a series of links so this was available on the hospital 20 intranet site as a single place where all guidance --
- 21 up-to-date guidance for the management of patients, for
- 22 the use of PPE and all other guidance was held in that
- 23 one place. So this was part of that intranet site
- 24 collection of guidance and information for staff.
- 25 Do you have any reflections on the application of this Q.

23

- be instances of it
- Q. If we look at page 42 we have a page entitled "Covid 19 treatment escalation plan". Can you help us, at what 4 point in the process would this particular form be completed? 6 A. So the expectation would be that this was completed at the point of admission in the -- what we termed the SATA, so the medical admission unit, where patients with
- 9 suspected Covid were taken when they first arrived at 10 the hospital.
- Q. On the following page we have the Clinical Frailty 11
- Scale. There appear, on the face of it, to be no 12
- 13 instructions associated with how to use the Clinical
- 14 Frailty Scale within the plan itself. What role did the
- 15 scale play in the treatment escalation plan?
- 16 A. So if I can perhaps preface my response by saying I'm
- 17 a pancreatic surgeon so this is not something that
- 18 I have personal experience of using, but my
- 19 understanding is that this was included as part of
- 20 a holistic patient assessment at the point of admission
- 21 to hospital. And while the Clinical Frailty Score is
- 22 primarily validated for older patients, this is

other escalation.

- 23 something which is used for and is encouraged to be used
- 24 for assessing patient suitability for intensive care and

- 1 escalation plan, what worked well and what, if anything, 2 worked less well? 3 **A.** Do you mean specifically with regard to the treatment 4 escalation plan component of this? 5 Q. Yes. 6 Α. So I think the completion of the treatment escalation 7 plan at the point of admission worked very well because 8 we had that documentation in place which assisted with 9 the transfer of information as patients passed through 10 the hospital. But it was supplemented by daily or even 11 twice-daily escalation meetings which took place --12 often I would attend or my deputy would attend -- so 13 that the decision-making with complex patients, 14 particularly around intensive care escalation, could be 15 made with the intensivists, with the medical acute 16 physicians, with -- you know, with care of the elderly 17 staff, with palliative care consultants and others. So 18 that multidisciplinary escalation meeting was something 19 that I think we all found very helpful and gave us 20 confidence that we had a consistency and 21 an ethically-based, evidence-based approach to how we 22 made these decisions on a day-to-day basis. 23 Q. If there were another pandemic next week would you 24 change anything about this plan? 25 Apart from calling it the "treatment escalation plan" Α.
  - 24

#### **UK Covid-19 Inquiry**

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1		and not the "Covid-19 treatment escalation plan", for
2		sure. But I think what we've learned from this is the
3		benefit of this approach in non-Covid times. So we are
4		currently trying to encourage staff to continue to use
5		treatment escalation plans at the point of hospital
6		admission for all patients and certainly for those
7		patients in whom critical care, level 2 care, is being
8		considered. This is something we are keen to ensure is
9		always in place.
10	Q.	Would a national tool in respect of prioritisation have
11		been of assistance to the GRI in adapting their plan for
12		Covid-19?
13	Α.	I honestly think that these are decisions that senior
14		clinicians make every single day and continue to make
15		every single day, and I think the decision-making
16		processes didn't change during the pandemic, and
17		I honestly don't think that a national prioritisation
18		plan would have been welcomed or have been helpful.
19		It's difficult to see how that could have been
20		implemented in practice, given that these are day-to-day
21		clinical decisions made by senior staff.
22	Q.	Visiting restrictions next.
23		Can we go to INQ000478112.
24		This is guidance established by the board to
25		support compassionate visiting arrangements at the end
		25
1		two or three individuals in an open ward which is full
1 2		two or three individuals in an open ward which is full of patients can make infection control guidance almost
2		of patients can make infection control guidance almost
		of patients can make infection control guidance almost impossible to follow, where we had numbers of instances
2 3		of patients can make infection control guidance almost impossible to follow, where we had numbers of instances of Covid being seeded into wards full of vulnerable
2 3 4 5		of patients can make infection control guidance almost impossible to follow, where we had numbers of instances of Covid being seeded into wards full of vulnerable patients and where sometimes we had relatives who
2 3 4 5 6		of patients can make infection control guidance almost impossible to follow, where we had numbers of instances of Covid being seeded into wards full of vulnerable patients and where sometimes we had relatives who refused to wear face masks for example, this was a very
2 3 4 5 6 7		of patients can make infection control guidance almost impossible to follow, where we had numbers of instances of Covid being seeded into wards full of vulnerable patients and where sometimes we had relatives who refused to wear face masks for example, this was a very complex environment that we tried to manage as
2 3 4 5 6 7 8	Q.	of patients can make infection control guidance almost impossible to follow, where we had numbers of instances of Covid being seeded into wards full of vulnerable patients and where sometimes we had relatives who refused to wear face masks for example, this was a very complex environment that we tried to manage as compassionately as we possibly could.
2 3 4 5 6 7 8 9	Q.	of patients can make infection control guidance almost impossible to follow, where we had numbers of instances of Covid being seeded into wards full of vulnerable patients and where sometimes we had relatives who refused to wear face masks for example, this was a very complex environment that we tried to manage as compassionately as we possibly could. If we move to page 3, please, we have a set of guiding
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2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q.	of patients can make infection control guidance almost impossible to follow, where we had numbers of instances of Covid being seeded into wards full of vulnerable patients and where sometimes we had relatives who refused to wear face masks for example, this was a very complex environment that we tried to manage as compassionately as we possibly could. If we move to page 3, please, we have a set of guiding principles. I'd like to look at principle 7. We read this:
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		of patients can make infection control guidance almost impossible to follow, where we had numbers of instances of Covid being seeded into wards full of vulnerable patients and where sometimes we had relatives who refused to wear face masks for example, this was a very complex environment that we tried to manage as compassionately as we possibly could. If we move to page 3, please, we have a set of guiding principles. I'd like to look at principle 7. We read this:
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2		guidance was introduced?
3	Α.	So my recollection is that this was brought in towards
4		Christmas in 2020.
5	Q.	If we look at page 2, please, we read that the guidance
6		adopted the ethical framework suggested by the Academy
7		of Medical Royal Colleges and Faculties of Scotland.
8		If we consider point 3 in the box, under
9		"Minimising Harm" we read this:
10		"Harm from visiting can occur to the visitor, to
11		those they subsequently come in contact with, or to
12		others in the care facility. The patient themselves
13		may experience harm if they feel guilt about exposing
14		family visitors to the infection. That harm must
15		however be balanced against harm to the dying person
16		occasioned by absence of family, harm to family who
17		are unable to be present (both immediate and longer
18		term in bereavement), and harm caused to care staff
19		who substitute themselves for absent family and
20		undertake difficult telephone communication."
21		Does what we read here amount to a recognition
22		that every participant in the visiting at end-of-life
23		scenario is at risk of harm?
24	Α.	Yes, that's exactly what that says. In the complex
25		environment that we're describing, where sometimes even
		26
1		implement this in practice. There were at that time,
2		as I recall, there was the tiered approach to Covid
3		restrictions, so trying to even looking at that
4		paragraph, trying to work out exactly how you would risk

assess that on an individual basis at ward level, it's

Q. Would you take this particular approach in principle 7

A. I think the answer to that is it depends. I think it

in a future pandemic or not?

if I can describe it like that.

of responding to the pandemic?

extremely difficult to see exactly how that would work.

depends on the environment. I do think that we could

first wave, but at that time there was a huge degree of uncertainty. But I think asking individual staff to

manage that complex risk assessment is a step too far.

I think we'd need to have something, maybe in between,

Are there any lessons and recommendations that you would

Q. Finally, lessons and recommendations, please, Professor.

like to share with the Inquiry from the GRI's experience

PPE and it certainly became quickly apparent that there either wasn't or that the PPE wasn't entirely what we

A. Yes. The Inquiry has heard a lot about PPE and PPE

resilience. I guess the first thing I would reiterate is that we understood there was a national stockpile of

28

have been more flexible in our approach early on, in the

of life. First, please, can you help with when this

4			4
1		had expected. So I think we need a resilient supply of	1
2		PPE at all times which is rotated and which is what the	2
3		health boards are fit testing staff to in advance.	3
4		I do think particularly with regard to the Royal	4
5		Infirmary that we have some of the oldest functioning	5
6		hospital estate in the country and it's very clear that	6
7		managing a respiratory pandemic in open wards without	7
8		mechanical ventilation is extraordinarily difficult and	8
9		we do need to look to, hopefully by the time we have	9
10 11		another pandemic in 100 years, we hope, we will have	10
12		a hospital estate which is more based around single-room	11 12
12		accommodation and will allow us to prevent, as far as	12
13		possible, hospital-acquired infection.	13
14		So I think those would be the two things.	14
15		But perhaps in a broader term, what we need to	15
17		have is flexibility. What worked well was the flexibility of our staff to adapt to a rapidly changing	10
17			17
10		situation on the ground. Our teams were the ones who knew how to adapt guidance to keep patients safe, and so	10
20		I think the flexibility to make local adaptations as	20
20		required by the specific situations in which people find	20
21		themselves and for the estate to be adaptable to that	21
23		purpose, as well, is, I think, going to be crucial.	22
23	MR	MILLS: Professor, thank you.	23
25		My Lady, that's all I ask.	25
20		29	20
1		500 members of staff. At the beginning of that time	1
2		there were maybe I think there were 25% of those	2
3		staff were at work and after four months of support,	3
4		that figure was 60%.	4
5		So it was clearly something that was beneficial to	5
6		members of staff with Long Covid at that time.	6
7	Q.	And you mentioned that it was apparent that there was	7
8		a large number of staff. Did you have a system in place	8
9		to monitor the number of staff reporting that they were	9
10		suffering from Long Covid or was that through anecdotal	10
11		experience?	11
12	Α.	No, we had certainly towards the mid to end of 2020,	12
13		we were having regular weekly reports on Covid-related	13
14		absence and although Long Covid wasn't initially	14
15		identified within that, it subsequently became	15
16		a specific reported criteria and I think was defined as	16
17		an individual who had been off work for more than	17
18		10 days, I think was the criterion that was used.	18
19	Q.	Are you able to assist us with when those weekly reports	19
20		started including reports about Long Covid or long-term	20
21		effects of Covid-19?	21
22	Α.	I think it was towards the end of 2020 but I would need	22
23		to check and I'm happy to give you that information if	23
24		that would help.	24
25	Q.	Thank you, that would help.	25

1	LADY HALLETT: Yes, and now it's some more questions from
2	the core participants, Professor.
3	Ms Sivakumaran.
4	Questions from MS SIVAKUMARAN
5	MS SIVAKUMARAN: Good morning, Professor. I ask questions
6	on behalf of the Long Covid groups.
7	I would like to ask you a few questions about the
8	Glasgow Royal Infirmary's Long Covid service for staff.
9	At paragraph 166 of your statement you state that the
10	health board's occupational health department
11	established a Long Covid service in May 2021 in response
12	to the high numbers of staff absent from work with
13	Long Covid, and you state that 454 staff members went on
14	to use the service.
15	Why was it important that there was a Long Covid
16	specific service for staff?
17	A. Well, I think it had become apparent that there were
18	large numbers of staff who remained off work due to
19	Long Covid and many of these staff I knew personally.
20	So the challenge for us as an organisation was to
21	ensure that we maintained contact with those staff,
22	which we did through our management teams. And in
23	trying to encourage those staff or facilitate those
24	staff back into the workplace we established that
25	Long Covid service which, as you say, I think saw some
	30
1	Now, you mention the occupational health
2	department provided the specific service. Were they
3	provided with any support, financial guidance or
4	otherwise, to establish the Long Covid service?
5	A. I'm afraid I cannot answer that with certainty but
6	I understand that there was central funding made
7	available to establish that service in 2021, yes.
8	<b>Q.</b> Okay. And when you say central funding, was that coming
9	from the Scottish Government?
10	<b>A.</b> From the Scottish Government, yes. But I'm not certain.
11	That's to the best of my recollection.
12	<b>Q.</b> And you've mentioned that you saw an improvement from
13	25% of staff in work to up to 60%. Can we take it,
14	then, that the Long Covid service did improve staff
15	retention rates and help staff with Long Covid who
16	wanted to return to work to do so?
17	A. Again, I don't have a specific answer for you on the
18	staff retention rate because that's not data that's been

- 19 shared with me, but I've seen evidence on quality of
- 20 life improvement and other parameters which suggest that
- 21 it was beneficial to members of staff, yes.
- 22 Q. And finally, to your knowledge, was the initiative
- replicated by occupational health departments and other
- 24 board or was it unique to your health board?
- 25 A. I'm afraid I can't answer that question, I'm sorry.32

	MS SIVAKUMARAN: Thank you.	1		people worked and they were training them at the sa
2	Those are my questions, my Lady.	2		time?
3	LADY HALLETT: Thank you.	3	Α.	So, again, I wasn't directly involved in that process,
4	Ms Mitchell.	4		but my understanding and recollection is that it would
5	That way, Professor.	5		have been the latter, that they would have been
6	Questions from MS MITCHELL KC	6		observing and receiving instruction rather than actua
7	MS MITCHELL: Professor, I appear as instructed by	7		working.
8	Aamer Anwar on behalf of the Scottish Covid Bereaved.	8	Q.	And clearly, by the way that you have answered the
9	In your evidence to my learned friend you spoke	9		question when you were asked it by my learned frier
10	about staff being redeployed and the training that was	10		that they were as comfortable as they could be given
11	given to them, and I have you noted as saying that	11		very limited time that they had available, I take it
12	and what happened when you were trying to redeploy	12		that there was some discomfort, or at least to the
13	people without the relevant training was that	13		understanding expressed, about the fact people wer
14	in February of 2020 staff were taken for periods of time	14		working in these conditions without having had the f
15	away from theatres or not their normal place of work to	15		training?
16	spend time in intensive care units under supervision of	16	Α.	Yes, I think it would be fair to say that the impact on
17	senior staff, and that process continued	17		particularly theatre staff, who had to be redeployed
18	through February and into March, so that we had a cohort	18		into intensive care, was immense and very much wo
19	of staff who felt as comfortable as they could be, given	19		outside of their comfort zone, managing patients wit
20	the very limited time that we had available to be able	20		severe critical illness, many of whom sadly died. Th
21	to work in that environment.	21		were conditions that these nursing staff would have
22	And I would just like to ask you a wee bit around	22		no experience of before and it must have been
23	that process and how it was done. Did it mean that	23		extraordinarily hard for them.
24	people were in ICU units working or did it mean that	24	Q.	. And following up on that very point you make, you sa
25	people were in ICU units just observing whilst other 33	25		when we have another pandemic, if it's 100 years, w 34
1	of course hope it will be, but if it's 100 days has	1		so that such confusion is limited?
2	there been anything done to address this sort of thing,	2	Α.	Clearly, I'm you know, I'm no expert in infection
3	for example, any ideas of training more broadly for	3		control or guidance and I would leave that to others,
4	people so that people can be deployed?	4		but I think my reflection would be that in the future,
5	A. I think that's a very good question. We have a policy	5		with resilient PPE supplies, if we were to adopt what
6	within our nursing teams and theatre to try to make sure	6		we've heard described as the precautionary principle
7	that as many staff as possible are, if you like,	7		from the outset and then de-escalate PPE as it beco
8	anaesthetic and theatre scrub trained, and, you know,	8		apparent that it's not required or that we know more
9	that's something that does continue, but you're right,	9		about the illness itself, then that's how I would hope
10	we don't have a policy at the moment of ensuring that we	10		that a future pandemic would be handled.
11	are rotating staff through intensive care. Although we	11	Q.	So you're saying, in the practical sense, if we start
12	do rotate the staff who are working within level 2	12		with a higher protection level and work our way down
13	units, so high dependency units within medicine and	13		there would be less need for continuing changing
14	surgery, those staff do rotate through intensive care to	14		guidance escalating?
15	maintain their skill set.	15	Α.	There is nothing more alarming than escalating up,
	Q. I'm obliged.	16		you see what I mean, for staff on the ground. So
17	I'd like to ask you about something else that	17		I think that is my reflection on it. How practical that
18	arose from your written evidence to this Inquiry when	18		would be I'd need to leave to others to describe.
	you were talking about the guidance that you received	19	MS	S MITCHELL: I'm obliged.
19	and the fact that the guidance changed so many times,	20		My Lady, those are the questions.
19 20	giving the opportunity for confusion.	20	L۵	ADY HALLETT: Thank you very much, Ms Mitchell.
20				Professor, I'm really grateful to you. It sounds
20 21		//		
20 21 22	What I'm wondering is, have you reflected upon the	22 23		
20 21 22 23	What I'm wondering is, have you reflected upon the fast-moving, changing guidance so that when Disease X	23		as if you were too busy to actually serve on the front
20 21 22	What I'm wondering is, have you reflected upon the		тн	

1		surgeons, particularly during the first wave, I'm
2		afraid.
3	LAI	<b>DY HALLETT:</b> Thank you so much for all that you did to try
4		to ensure that the Glasgow Royal Infirmary continued to
5		serve the people of Glasgow, very grateful to you. And
6		thank you for your help to this Inquiry.
7	THI	E WITNESS: Thank you, my Lady.
8		(The witness withdrew)
9		DY HALLETT: Right, Ms Price.
10	MS	PRICE: My Lady, please may I call Caroline Lamb.
11		MS CAROLINE LAMB (affirmed)
12		Questions from COUNSEL TO THE INQUIRY
13		DY HALLETT: Welcome back, Ms Lamb. E WITNESS: Hello.
14 15		
15	IVI O	<b>PRICE:</b> Could you give us your full name, please, Ms Lamb?
10	A.	Yes, Caroline Sarah Lamb.
18	Q.	I will be asking today about matters covered in two
10	α.	witness statements which you have provided for the
20		purposes of Module 3 of the Inquiry, both dated
20		18 June 2024, the first running to 287 pages with the
22		reference INQ000485979 and the second running to
23		89 pages with the reference INQ000485984.
24		I understand that you have copies of both
25		statements in front of you and you are familiar with the
		37
1		those directorates?
2	Α.	That's correct.
3	Q.	Although the financial responsibility for budgets and
4	Ξ.	expenditure incurred against these budgets were
5		delegated, weren't they, to individual directors?
6	Α.	Yes, and to our health boards as well.
7	Q.	You also line manage the health and social care
8	-	directors and senior clinical advisers, including the
9		CMO, the CNO and the National Clinical Director?
10	Α.	That's correct.
11	Q.	Who do you report to?
12	Α.	I report to the Permanent Secretary in Scotland, and I'm
13		also responsible to the Cabinet Secretary for Health and
14		Social Care and to the ministers in the health
15		portfolio.
16	Q.	As Chief Executive of NHS Scotland, you had oversight of
17		the health boards in Scotland; is that right?
18	Α.	That's correct.
19	Q.	Is it right that there are 22 health boards, 14 of which
20		are territorial health boards?
21	Α.	That's correct.
22	Q.	Those health boards are accountable to the
23		Scottish Government and Scottish Ministers?
24	Α.	Correct.
25	Q.	And just so everyone is clear, is NHS Scotland itself
		39

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1		contents of them; is that right?
2	Α.	That's correct.
3	Q.	I'd like it start, please, with your professional
4		background and the roles you held during the pandemic
5		and continue to hold.
6		You became Director General for Health and Social
7		Care and Chief Executive of NHS Scotland in
8		January 2021?
9	Α.	That's correct.
10	Q.	Could you summarise, briefly please, your professional
11		background prior to taking up that post.
12	Α.	Yes. So I am by background I'm a chartered
13		accountant. I qualified as a chartered accountant with
14		KPMG. Since qualification I've worked in a variety of
15		sectors, so I've worked in housing and education and
16 17		then latterly moving into the NHS.
17		I was chief executive of a health board one of our health boards in Scotland before going to
10		Scottish Government first of all on secondment and then
20		moving into the post that I hold today.
21	Q.	
22	-	and social care director rates; is that correct?
23	Α.	That's correct, yes.
24	Q.	
25		you are answerable to Parliament for the expenditure of 38
1		a legal entity or is it the health boards which
2		collectively make up the NHS Scotland which are legal
3		entities?
4	Α.	Yes, NHS Scotland is not a legal entity. We refer to
5		NHS Scotland as being the collective of the health
6		boards, yes.
7	Q.	Is it right that there is no equivalent of NHS England
8		in Scotland, that is, there is no national entity which
9		leads the health boards?
10 11	Α.	So there is no NHS Scotland as a legal entity. However, I think that we perform a leadership role from
12		Scottish Government both in terms of that relationship
13		with ministers, and providing advice to ministers in
14		relation to their setting of strategy and policy, and
15		then through our planning guidance to boards, through
16		our signing off the delivery plans of boards and our
17		performance management of boards against those delivery
18		plans, we, effectively, therefore, also manage the
19		activity across our NHS Scotland boards.
20	Q.	In terms of health and social care policy, is it right
21		that the directorates and the health boards in Scotland
22		have responsibility for putting Scottish Government
23		policy into practice?
24	Α.	That's correct, yes.
25	Q.	The NHS in Scotland was put on an emergency footing on 40

(10) Pages 37 - 40

1		17 March 2020 and this remained the case until 30 April	1
2		2022; are those dates right?	2
3	Α.		3
4	Q.		4
5		Chief Executive of NHS Scotland different when the NHS	5
6		in Scotland is on an emergency footing compared to when	6
7		it is not?	7
8 9	Α.		8
9 10		essentially, ministers are taking more direct control of activities and, therefore, I think we're probably more	9 10
11		directive in terms of how we work, although we would	10
12		always work in collaboration with our NHS boards. One	12
13		of the advantages of a country the size of Scotland is	12
14		that we are able to get everybody in a virtual room and	13
15		quite often in a physical room to have those very, very	15
16		regular discussions.	16
17		So I would say that there's a sort of more	17
18		immediate relationship but, actually, that's maybe just	18
19		a sort of enhancement on the way in which we would	19
20		normally operate.	20
21	Q.		21
22		PPE issues. You deal with the Scottish Government's	22
23		role in relation to IPC guidance at paragraph 419	23
24		onwards of your longer statement ending 979.	24
25		There you say that:	25
		41	
1		that right?	1
2 3	A.		2 3
3 4	Q.	"At the start of the pandemic, SG aligned with the rest of the UK in relation to IPC measures to reduce Covid-19	3
4 5		transmission. This ensured a consistent approach until	4 5
6		further scientific evidence was available. Covid-19	6
7		guidance was developed using a variety of sources such	7
8		as the WHO, alongside other international and UK	8
9		clinical expertise, research reviews and contextual	9
10		considerations."	10
11		Is it right that the Covid-19 Nosocomial Review	11
12		Group was accountable to the Scottish Government through	12
13		the Chief Nursing Officer to whom it provided advice?	13
14	Α.	Yes. That group was established fairly early on in that	14
15		the Scottish Government, through the chief nurse, had	15
16		asked Health Protection Scotland, I think it was, for	16
17		advice as to nosocomial infection. And their	17
18		recommendation was that we should set up an expert group	18
19		to provide advice on that, so that was set up and	19
20		reported into the chief nurse, yes.	20
21	Q.	And is it right that the Covid-19 nosocomial review	21
		group opproved IDC guidenee drown up by ADHAI2	22
22		group approved IPC guidance drawn up by ARHAI?	22
22 23	A.		22
	A.		
23	А.	So the ARHAI is our expert group in relation to	23

ir	у	14 November 2024
		"[Whilst] the UK Government and subsequently ARHAI
		Scotland held and maintained IPC guidance for Scotland,
		[the Scottish Government] played a role in communicating
		updates and changes in IPC guidance to [the health]
		boards and other stakeholders, including [the] unions."
		Before we come on to that communication role for
		Scottish Government, I'd like to deal, please, with the
		extent to which the Scottish Government was involved in
		the formulation of IPC guidance for healthcare settings.
		Could we have on screen, please, paragraph 542 of
		INQ000485979 there we are.
		At paragraph 542 of your statement you say
		Scottish Government:
		" worked collaboratively with the four nations
		to adopt IPC measures informed by the UK IPC cell."
		And you highlight in the next paragraph that any
		change to measures or guidance would be in response to
		the latest and emerging evidence.
		Over the page, please, paragraph 544, there is
		this:
		"The emerging evidence was assessed via ARHAI
		Scotland's rapid reviews of literature. These rapid
		reviews were presented and discussed in relation to IPC
		measures at the UK IPC cell, HOCI and the CNRG."
		That's the Covid-19 Nosocomial Review Group; is 42
		infection control infection prevention and control
		guidance at a UK level. The Covid Nosocomial Review
		Group were very interested in particularly the spread of
		infection within hospital and other healthcare settings,
		so they would provide advice depending on exactly what
		type of infection prevention and control measures were
		being considered.
	Q.	So whose decision was it as to what the IPC measures and
		guidance should be?
	Α.	So, in general, Scotland would adopt the same measures
		that were being adopted by the rest of the UK and it was
		ARHAI who were predominantly feeding into that advice
		around infection prevention and control measures.
		However, we also took steps to contextualise some of
		those some of that advice and guidance to the
		Scottish context by producing an addendum to our
		National Infection Prevention and Control Manual and
		there were some occasions where Scotland took a slightly
		different approach around risk occupational risk
		assessment and personal preferences for people in terms
		of in relation to specific types of protective
	_	equipment.
	Q.	And when that was an IPC measure, or an IPC change,
		rather than the discretionary policy type of changes
		we'll come on to whose decision was that? Was that

we'll come on to, whose decision was that? Was that 

(11) Pages 41 - 44

1		ARHAI or was that the nosocomial review group?
2	Α.	So, my recollection is that that was predominantly ARHAI
3		who were making recommendations. The Covid-19
4		Nosocomial Review Group would particularly look at
5		measures that related to spread within hospitals, but
6		I think predominantly it was ARHAI providing that
7		advice.
8	Q.	Did the Scottish Government have any direct role in the
9		final sign-off on IPC measures and guidance that were
10		strict IPC measures and guidance as opposed to
11		a Scottish Government policy for other reasons?
12	Α.	We would provide advice to ministers that indicated when
13		IPC guidance and advice was changing and set out the
14		reasons for those changes, and ministers were very keen
15		to ensure that they were aware of that so that in their
16		communications we could try, as far as possible, that
17		that made that that remained aligned. But the
18		advice, the actual guidance and advice, other than with
19		the exception of some, I suppose, relaxations was
20		absolutely based on the evidence that was available.
21	Q.	Were you made aware, when you took up your role as
22		DGHSC, that in December of 2020, so shortly before that,
23		a representative of Public Health England at an IPC cell
24		meeting, a UK IPC cell meeting, had proposed wider use
25		of FFP3 masks in healthcare settings on a precautionary
		45
		10
1		
1 2		Officer, the Chief Nursing Officer, and the National
2		Officer, the Chief Nursing Officer, and the National Clinical Director were involved in very regular
2 3		Officer, the Chief Nursing Officer, and the National Clinical Director were involved in very regular engagements with staff across NHS Scotland.
2 3 4		Officer, the Chief Nursing Officer, and the National Clinical Director were involved in very regular engagements with staff across NHS Scotland. So the role was to try to ensure that we kept, in
2 3 4 5		Officer, the Chief Nursing Officer, and the National Clinical Director were involved in very regular engagements with staff across NHS Scotland. So the role was to try to ensure that we kept, in a situation where guidance was changing quite rapidly
2 3 4 5 6		Officer, the Chief Nursing Officer, and the National Clinical Director were involved in very regular engagements with staff across NHS Scotland. So the role was to try to ensure that we kept, in a situation where guidance was changing quite rapidly and where there were many differences of opinions around
2 3 4 5 6 7		Officer, the Chief Nursing Officer, and the National Clinical Director were involved in very regular engagements with staff across NHS Scotland. So the role was to try to ensure that we kept, in a situation where guidance was changing quite rapidly and where there were many differences of opinions around exactly what was happening with the virus, our role was
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quir	у	14 November 2024
1		basis in light of the evolving evidence on aerosol
2		transmission of Covid-19, and that that was something
3		that ARHAI did not support?
4	Α.	I cannot recall being specifically made aware of any
5		recommendation for Public Health England. I was aware
6		of the ongoing discussion between clinicians and others
7		about the precise mechanisms by which Covid was spread.
8	Q.	Do you think that that discussion is something that
9		should have been reported up to Scottish Government so
10		that senior civil servants and potentially ministers
11		could be made aware of it?
12	Α.	My understanding is that the groups that we were using
13		to feed into that formation of advice were all engaged
14		in the UK conversations as well.
15	Q.	Turning to communication of IPC guidance and changes to
16		it. What was the Scottish Government's role in relation
17		to communication?
18	Α.	So the Scottish Government's role was really to try to
19		ensure that our communication was consistent and
20		coherent. So we would, through our workforce senior
21		leadership group, as an example, we would discuss with
22		both representatives from our HR directors in boards,
23		but also staff side, trade unions. Obviously, Scottish
24		Government was also involved in the daily briefings and
25		members of our team, particularly the Chief Medical 46
1		We did have, through the workforce senior
2		leadership group so we did have feedback mechanisms
3		through that, through the regular meetings with all the
4		directors of nursing in our health boards, through the
5		regular meetings with all the chief executives, that we

- did have feedback mechanisms, but I would accept that
- there wasn't a sort of, you know, structured method of
- actually assessing how good those detailed communications were. We were carrying out surveys
- across the public in terms of how effective some of our
- broader communications were, but not to the same extent
- in terms of those very, I suppose, very specific
- communications.
- Q. The Inquiry has heard evidence that difficulty was caused by updates to IPC guidance being sent out on Friday afternoons, which gave little time for
- dissemination and implementation of changes before the weekend. Was that something that you were aware of or received feedback on?
- A. Yes, I think that we were aware of the challenges that
- were faced when we issued -- not just around IPC but
- other changes to guidance on the occasions where those
- were issued late in the week.
- I think it was -- in most of those circumstances
- it wasn't our expectation that that guidance would be

that.

# UK Covid-19 Inquiry

1	immediately implemented and I suppose we also would hope	1
2	that many of the people receiving those guidance would	2
3 4	have through their own networks have an awareness of	3
	what was coming. But I would accept absolutely that late on a Friday is not the best time to issue updates.	4
5		5
6	And that is something that, you know, we have moved to	6 7
7	address going forwards. Q. At the time was that changed or were any changes made	
8 9	when that feedback was received?	8 9
9 10	A. I can remember I can recall getting the feedback that	9 10
11	it was unhelpful and that we did try to see what we	10
12	could do to shift our timelines so that we were able to	11
12	issue things, and sometimes, if it wasn't a particularly	12
13	urgent piece of guidance, to actually hold off and issue	13 14 <b>A</b>
15	it on a Monday rather than on a Friday.	15 <b>Q</b>
16	MS PRICE: My Lady, I've reached the end of a topic, would	16 G
17	that be a convenient moment for a break?	10
18	LADY HALLETT: Certainly. I shall be overly generous and	18
19	give you until 11.32.	10
20	(11.16 am)	20 <b>A</b>
21	(A short break)	20 7
22	(11.32 am)	22
23	LADY HALLETT: Ms Price.	23
24	MS PRICE: Thank you, my Lady.	24
25	Ms Lamb, turning, please, to the approach to	25
	49	
1	underlying health conditions, on 30 March 2020, and we	1
2	issued interim guidance around black, Asian and minority	2
3	ethnic staff on 21 May.	3
4	Those two pieces of guidance were then superseded	4
5	by a further piece of guidance issued on 27 July 2020	5
6	which says that it supersedes those two initial pieces	6
7	of guidance and brings together guidance which	7
8	essentially was asking health boards as employers to	8
9	make sure that they were carrying out local risk	9 <b>A</b>
10	assessments for staff who may be particularly vulnerable	10 <b>G</b>
11	for whatever reason.	11
12	<b>Q.</b> Did the guidance on risk assessments expressly cover the	12
13	extent to which IPC or PPE guidance could or should be	13
14	adapted to reflect an individual healthcare worker's	14
15	risk?	15
16	A. Yes, yes absolutely.	16 <b>A</b>
17	Q. Could we have on screen, please, INQ000335968 and	17
18	page 40 of that, please, paragraph 142.	18
19	This is a paragraph from a statement made by	19
20	Paul Bassett of the Scottish Ambulance Service for this	20
21	module of the Inquiry and he says this.	21
22	"Guidance was provided by Scottish Government to	22
23	the service on 4 September 2020 in regard to	23
24	vulnerable healthcare workers and to staff from some	24
25	ethnic backgrounds. This guidance was adopted in its	25
	51	

1		protecting healthcare workers at greatest risk from
2		Covid-19.
3		Concerns were raised in April 2020 by the BMA
4		about increased risk associated with age, ethnicity, sex
5		and comorbidities, and how healthcare workers at
6		greatest risk were to be protected. In particular,
7		an email sent by Jill Vickerman, the National Director
8		(Scotland) of the BMA, to the DGHSC in Scotland at the
9		time, appreciating that wasn't you, on 29 April 2020,
10		asking what plans there were for risk profiling for
11		healthcare workers in Scotland.
12		I think you've been provided with a copy of that
13		email; do you know the email I'm referring to?
14	A.	l do.
15	Q.	Appreciating this was before your time, can you help,
16		please, with what was done to ensure that healthcare
17 18		workers were being appropriately risk assessed and protected, taking into account the particular concerns
10 19		being raised by the BMA at that point?
20	A.	Yes, I hope I can. So you are right, the email came in
20	А.	from Jill Vickerman and that followed a letter the BMA
22		had written to NHS England, I think. What we did in
23		Scotland is that we issued guidance around risk
24		assessment, workplace risk assessment for healthcare
25		workers and emergency staff, particularly those with
		50
1		totality"
1 2		totality" And he goes on to talk about the specific steps
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2		And he goes on to talk about the specific steps
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1 add some additional information that was emerging about 2 specific health conditions. So my assessment is that we 3 did issue that guidance in July and the previous two 4 bits of guidance, they went to the ambulance service as 5 well, and I just wonder whether this statement was 6 referring to a later piece of guidance. 7 Q. I see. A letter was sent by the BMA in January 2021 8 which went initially to Public Health England but was 9 then sent to the CMO in Scotland by Jill Vickerman, who 10 we've already referenced, raising concern that there 11 should be wider use of respiratory protective equipment 12 in healthcare settings outside of the procedures 13 designated as aerosol generating. In light of the 14 growing evidence of aerosol transmission, do you know 15 the letter I'm referring to? I think the Inquiry has 16 provided you with a copy? 17 A. I do, yes. 18 Q. Before we come on to the timeline for Scottish 19 respiratory protective equipment guidance, I'd like to 20 deal with a distinct issue which was raised by the BMA 21 at around this time and that was that some female 22 healthcare workers and some ethnic minority healthcare 23 workers had experienced problems with ill-fitting PPE. 24 You and the CMO for Scotland wrote to Jill Vickerman 25 on January 2021 about that issue; is that right? 53 1 ahead about 21 January and in that intervening period 2 the BMA wrote to the Cabinet Secretary to set out the 3 range of concerns that they'd set out in the email. 4 So in response to that, the letter from Gregor and 5 I -- sorry, the Chief Medical Officer and I, responds to 6 the issues around fit testing and explains the process 7 that we've been through or had been through, through 8 National Services Scotland, to ensure that we were 9 procuring a wider, broader range of masks that included 10 entering into a contract with Alpha Solway in 11 August 2020, whereby that was about trying to secure 12 a more domestic supply of PPE but also a supply of PPE 13 that was more customised to the demographics of people 14 working in healthcare work services in Scotland. 15 So Gregor and I answered that bit of the question 16 in our letter and then at the meeting with the cabinet 17 secretary, she again listened to the concerns of the BMA

- around BMA arguing for wider use of FFP3 masks beyond
   aerosol-generating procedures.
- 20She was clear that that wasn't what the evidence21was suggesting at the time, that wasn't what the advice22was, but she undertook to keep that under review, which
- 23 indeed we did.24 LADY HALLETT: Sorry, I should have done this long ago.
- 25 Ms Lamb, just for those who are following but are 55
- A. That's correct. 1 2 Q. Could you explain, please, what the concerns being 3 raised by the BMA were and how you and the CMO responded 4 to those concerns? 5 A. Yes. So there were a couple of concerns that were 6 raised by the BMA with us in that email on 13 January. 7 One of the concerns was around fit and the -- as I'm 8 sure the Inquiry has already heard evidence about some 9 of the challenges in fit testing FFP3 masks to women and 10 to people from ethnic minorities as well, and the other 11 was around, as you've said, around more widespread use 12 of the FFP3 masks going beyond the aerosol-generating 13 procedures. 14 And, again, looking back at the timeline around 15 that, Jill Vickerman was due to meet with the cabinet 16 secretary the day after that email was sent, so there 17 was a meeting scheduled with the cabinet secretary on 18 14 January. That wasn't an unusual meeting, that was 19 part of a regular routine of meetings that the cabinet 20 secretary held with the BMA and it had been expected 21 that those issues would be raised at that meeting. 22 Unfortunately, the cabinet secretary had to reschedule 23 that meeting at very short notice. 24 So the meeting went ahead, I think on the 21st --25 the meeting, I think, with the cabinet secretary went 54 1 not familiar with the Scottish structure --2 A. Sorry. 3 LADY HALLETT: -- the cabinet secretary is the minister in 4 charge of that department --5 A. That's correct. 6 LADY HALLETT: -- as opposed to, in the UK Government, being 7 an official? 8 A. Yes, my apologies for that. LADY HALLETT: No, it's not your fault, I should have made 9 it plain earlier. Thank you. 10 11 MS PRICE: Coming then, please, to the key changes set out 12 in the Scottish respiratory protective equipment 13 guidance timeline, which you very helpfully set out in 14 your longer statement, ending 979. Could we have on 15 screen, please, page 153 of the statement first and at 16 paragraph 548 you explain that: 17 "[The Scottish Government] worked with NHS boards 18 to manage and reduce the number of hospital onset cases 19 of Covid-19 through the implementation of robust IPC 20 measures. These measures were aligned with the guidance 21 set out in the Covid-19 addendum, then the Scottish 22 Winter 201-22 Respiratory Infections in Health and Care 23 settings IPC Addendum, which was replaced by the 24 National IPC Manual. This included measures as much as
  - 25 the appropriate use of PPE, the extended use of face

1		masks and face coverings"
2		Et cetera, including ventilation.
3		You then refer to the timeline for that IPC
4		guidance. In relation to if we go on to
5		paragraph 550, please, you say here:
6		"Any change to IPC measures in Scotland was
7		based on the best available scientific evidence,
8		expert opinion and consensus at that time. The only
9		exception to this is the offering of RPE because of
10		a health or social care worker's personal preference.
11		This was not based on the IPC evidence base and, as
12		such, was not an IPC measure."
13		So is it right to summarise your evidence that in
14		Scotland there were occasions on which guidance was
15		provided to the health boards about discretionary
16		provision of respiratory protective equipment for
17		healthcare workers such as FFP3 masks outside of the
18		strict IPC guidance circumstances where this was the
19		healthcare worker's preference?
20	Α.	
21	Q.	
22		is the table that you describe as a timeline, and it
23		includes reference to some of the Scottish guidance
24		which was issued on the discretionary use of FFP3 masks
25		as well as some occasions when the Scottish IPC guidance
		57
1		And then underneath this:
1 2		And then underneath this: "However, we are in unprecedented times and it
2		"However, we are in unprecedented times and it
2 3		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals
2 3 4		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure
2 3 4 5		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG
2 3 4 5 6		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak
2 3 4 5 6 7		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out
2 3 4 5 6 7 8		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR"
2 3 4 5 6 7 8 9		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below:
2 3 4 5 6 7 8 9		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below: "Therefore, CPR within a hospital setting should
2 3 4 5 6 7 8 9 10 11		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below: "Therefore, CPR within a hospital setting should be considered as a continuum which is likely to
2 3 4 5 6 7 8 9 10 11 12		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below: "Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this
2 3 4 5 6 7 8 9 10 11 12 13		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below: "Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this case, the precautionary principle should apply and the
2 3 4 5 6 7 8 9 10 11 12 13 14		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below: "Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this case, the precautionary principle should apply and the healthcare professional should be supported by their
2 3 4 5 6 7 8 9 10 11 12 13 14 15		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below: "Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this case, the precautionary principle should apply and the healthcare professional should be supported by their organisation to make a professional judgment about
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below: "Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this case, the precautionary principle should apply and the healthcare professional should be supported by their organisation to make a professional judgment about whether to apply airborne precautions; which would
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below: "Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this case, the precautionary principle should apply and the healthcare professional should be supported by their organisation to make a professional judgment about whether to apply airborne precautions; which would include FFP3 face mask, long-sleeved gown, gloves and
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below: "Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this case, the precautionary principle should apply and the healthcare professional should be supported by their organisation to make a professional judgment about whether to apply airborne precautions; which would include FFP3 face mask, long-sleeved gown, gloves and eye/face protection. NHS Boards must ensure this PPE
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below: "Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this case, the precautionary principle should apply and the healthcare professional should be supported by their organisation to make a professional judgment about whether to apply airborne precautions; which would include FFP3 face mask, long-sleeved gown, gloves and eye/face protection. NHS Boards must ensure this PPE is available for these frontline staff."
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below: "Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this case, the precautionary principle should apply and the healthcare professional should be supported by their organisation to make a professional judgment about whether to apply airborne precautions; which would include FFP3 face mask, long-sleeved gown, gloves and eye/face protection. NHS Boards must ensure this PPE is available for these frontline staff." Is it right that this applied to hospital settings
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Δ	<ul> <li>"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below:</li> <li>"Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this case, the precautionary principle should apply and the healthcare professional should be supported by their organisation to make a professional judgment about whether to apply airborne precautions; which would include FFP3 face mask, long-sleeved gown, gloves and eye/face protection. NHS Boards must ensure this PPE is available for these frontline staff."</li> <li>Is it right that this applied to hospital settings but also to ambulance workers?</li> </ul>
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A. Q.	<ul> <li>"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below:</li> <li>"Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this case, the precautionary principle should apply and the healthcare professional should be supported by their organisation to make a professional judgment about whether to apply airborne precautions; which would include FFP3 face mask, long-sleeved gown, gloves and eye/face protection. NHS Boards must ensure this PPE is available for these frontline staff."</li> <li>Is it right that this applied to hospital settings but also to ambulance workers?</li> <li>That's correct, yes.</li> <li>Is this another example, in addition to those listed in</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		<ul> <li>"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below:</li> <li>"Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this case, the precautionary principle should apply and the healthcare professional should be supported by their organisation to make a professional judgment about whether to apply airborne precautions; which would include FFP3 face mask, long-sleeved gown, gloves and eye/face protection. NHS Boards must ensure this PPE is available for these frontline staff."</li> <li>Is it right that this applied to hospital settings but also to ambulance workers?</li> <li>That's correct, yes.</li> <li>Is this another example, in addition to those listed in your table in May 2020, of the guidance on the</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		<ul> <li>"However, we are in unprecedented times and it is paramount that frontline healthcare professionals are supported to find a pragmatic solution to ensure their safety and that of their patience. NERVTAG recognises that the evidence-base is extremely weak and heavily confounded by an inability to separate out the specific procedures performed as part of CPR" And then the paragraph below:</li> <li>"Therefore, CPR within a hospital setting should be considered as a continuum which is likely to include an AGP as part of airway management. In this case, the precautionary principle should apply and the healthcare professional should be supported by their organisation to make a professional judgment about whether to apply airborne precautions; which would include FFP3 face mask, long-sleeved gown, gloves and eye/face protection. NHS Boards must ensure this PPE is available for these frontline staff."</li> <li>Is it right that this applied to hospital settings but also to ambulance workers?</li> <li>That's correct, yes.</li> <li>Is this another example, in addition to those listed in</li> </ul>

1		diverted from what the rest of the UK was doing.
2		The first date in the table is October 2020.
3		Before we go to that entry, and for completeness,
4		I'd just like to ask you about an earlier example of
5		guidance on the discretionary use of FFP3 masks, please.
6		Could we have on screen, please, INQ000477445.
7		This is dated 20 May 2020, and it is a joint
8		statement which was issued by the Chief Nursing Officer,
9		the Chief Medical Officer and the National Clinical
10		Director, dealing with PPE and aerosol-generating
11		procedures. This was, I appreciate, before you took up
12		your role, but in terms of that timeline.
13		Going to page 2 of the statement, the third
14		paragraph on this page, there's a description
15		apologies the one below that, under that heading.
16		This is the description of NERVTAG's decision
17		saying:
18		"NERVTAG states it is biologically
19		plausible that compressions could generate an aerosol,
20		this is only in the same way exhalation breath would
21		do."
22		And in bold:
23		"Based on this evidence review and NERVTAG's
24		findings, UK IPC guidance will not add chest
25		compressions or defibrillation to the list of AGPs."
		58
1		Scotland?
1 2	A.	
	A. Q.	
2		Yes, that's correct.
2 3		Yes, that's correct. Going back, please, to the table at page 162 of
2 3 4		Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement.
2 3 4 5		Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance
2 3 4 5 6		Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance produced by ARHAI in October 2020, specifically the
2 3 4 5 6 7		Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance produced by ARHAI in October 2020, specifically the guidance contained within the Scottish Covid-19 IPC
2 3 4 5 6 7 8		Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance produced by ARHAI in October 2020, specifically the guidance contained within the Scottish Covid-19 IPC addendum upon its publication. The reason for the
2 3 4 5 6 7 8 9		Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance produced by ARHAI in October 2020, specifically the guidance contained within the Scottish Covid-19 IPC addendum upon its publication. The reason for the change was said to be to minimise staff anxieties during
2 3 4 5 6 7 8 9		Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance produced by ARHAI in October 2020, specifically the guidance contained within the Scottish Covid-19 IPC addendum upon its publication. The reason for the change was said to be to minimise staff anxieties during the pandemic, and the change was limited to healthcare workers conducting aerosol-generating procedures and the use of FFP3 masks.
2 3 4 5 6 7 8 9 10 11		Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance produced by ARHAI in October 2020, specifically the guidance contained within the Scottish Covid-19 IPC addendum upon its publication. The reason for the change was said to be to minimise staff anxieties during the pandemic, and the change was limited to healthcare workers conducting aerosol-generating procedures and the
2 3 4 5 6 7 8 9 10 11 12		Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance produced by ARHAI in October 2020, specifically the guidance contained within the Scottish Covid-19 IPC addendum upon its publication. The reason for the change was said to be to minimise staff anxieties during the pandemic, and the change was limited to healthcare workers conducting aerosol-generating procedures and the use of FFP3 masks.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q.	Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance produced by ARHAI in October 2020, specifically the guidance contained within the Scottish Covid-19 IPC addendum upon its publication. The reason for the change was said to be to minimise staff anxieties during the pandemic, and the change was limited to healthcare workers conducting aerosol-generating procedures and the use of FFP3 masks. Can you explain briefly, please, what the change was. Yes. The change was to recognise that whilst the guidance was that in the low-risk pathways, so where
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q.	Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance produced by ARHAI in October 2020, specifically the guidance contained within the Scottish Covid-19 IPC addendum upon its publication. The reason for the change was said to be to minimise staff anxieties during the pandemic, and the change was limited to healthcare workers conducting aerosol-generating procedures and the use of FFP3 masks. Can you explain briefly, please, what the change was. Yes. The change was to recognise that whilst the guidance was that in the low-risk pathways, so where people had not tested positive patients had not tested positive for Covid, that there wasn't need to use FFP3s when performing aerosol-generating procedures, but we recognised that staff may be anxious about doing
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Q.	Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance produced by ARHAI in October 2020, specifically the guidance contained within the Scottish Covid-19 IPC addendum upon its publication. The reason for the change was said to be to minimise staff anxieties during the pandemic, and the change was limited to healthcare workers conducting aerosol-generating procedures and the use of FFP3 masks. Can you explain briefly, please, what the change was. Yes. The change was to recognise that whilst the guidance was that in the low-risk pathways, so where people had not tested positive patients had not tested positive for Covid, that there wasn't need to use FFP3s when performing aerosol-generating procedures, but we recognised that staff may be anxious about doing that, albeit in a low-risk pathway, and therefore they could choose to wear an FFP3 respirator. The next change is said to be, going over the page, please, in April 2021, and it was made by way of
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q.	Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance produced by ARHAI in October 2020, specifically the guidance contained within the Scottish Covid-19 IPC addendum upon its publication. The reason for the change was said to be to minimise staff anxieties during the pandemic, and the change was limited to healthcare workers conducting aerosol-generating procedures and the use of FFP3 masks. Can you explain briefly, please, what the change was. Yes. The change was to recognise that whilst the guidance was that in the low-risk pathways, so where people had not tested positive patients had not tested positive for Covid, that there wasn't need to use FFP3s when performing aerosol-generating procedures, but we recognised that staff may be anxious about doing that, albeit in a low-risk pathway, and therefore they could choose to wear an FFP3 respirator. The next change is said to be, going over the page, please, in April 2021, and it was made by way of an update to the Scottish Covid-19 IPC addendum.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Q.	Yes, that's correct. Going back, please, to the table at page 162 of Ms Lamb's statement. You describe here a change in the guidance produced by ARHAI in October 2020, specifically the guidance contained within the Scottish Covid-19 IPC addendum upon its publication. The reason for the change was said to be to minimise staff anxieties during the pandemic, and the change was limited to healthcare workers conducting aerosol-generating procedures and the use of FFP3 masks. Can you explain briefly, please, what the change was. Yes. The change was to recognise that whilst the guidance was that in the low-risk pathways, so where people had not tested positive patients had not tested positive for Covid, that there wasn't need to use FFP3s when performing aerosol-generating procedures, but we recognised that staff may be anxious about doing that, albeit in a low-risk pathway, and therefore they could choose to wear an FFP3 respirator. The next change is said to be, going over the page, please, in April 2021, and it was made by way of

(15) Pages 57 - 60

1		In the right-hand column we see that it followed	1		exist for Scotland and these have been agreed through
2		the publication of interim World Health Organisation	2		consultation with NHS boards and approved by the CN0
3		guidance on occupational health and safety for health	3		Nosocomial Review Group."
4		workers in February 2021, a SAGE paper on masks to	4		Then going, please, to page 30 of the document.
5		mitigate airborne transmission of SARS-CoV-2, and advice	5		We see in yellow highlight the start of the
6		from the Covid-19 Nosocomial Review Group; is that	6		amended section on hierarchy of controls.
7		right?	7		And going to page 32, please, there is a section
8	Α.	That's correct, yes.	8		here on the obligation to conduct a risk assessment of
9	Q.	Can we have on screen, please, INQ000410963.	9		the healthcare environment and the need to take accou
10		This is the Scottish Covid-19 infection prevention	10		of environmental considerations.
11		and control addendum.	11		Then over the page, please, at 5.11.2 there is
12		Going over the page, please, we can see this is	12		a section on "Organisational Preparedness and COVID-
13		version 2 in the highlight, 7 May 2021, and there is	13		Risk Assessment when determining appropriate location
14		an addition here described as "Environmental risk	14		for High Risk Pathway". And it recognises that:
15		assessment". Is that the addition you refer to in your	15		"Some clinical environments present a greater
16		table?	16		risk in terms of COVID-19 transmission if used to care
17	Α.	Yes, that's correct, yes.	17		for cohorts of suspected and/or confirmed COVID-19
18	Q.	So it was in fact May 2021 rather than April 2021 that	18		cases. NHS Boards must seek to identify and prepare
19		this change was reflected in guidance; is that right?	19		the most suitable clinical area for planned placement
20	Α.	Yes. It looks like it, yes.	20		of patients requiring care on the high risk (red)
21	Q.	The explanation under the table of this document, in	21		pathway. This is not required for areas used for the
22		general, is that:	22		medium and low risk pathways where sporadic cases of
23		"This addendum has been developed in collaboration	23		'unexpected' positive COVID-19 cases may arise."
24		with the NHS Boards to provide Scottish context to the	24		And just scrolling down there and going over the
25		UK Covid-19 IPC remobilisation guidance, some deviations	25		page, please apologies, if we can just go back one
		61			62
1		page, please.	1		controls cannot be applied, the level of risk is
2		The requirement for a risk assessment is set out,	2		unknown and as a precautionary approach, the use of
3		and the following questions are required in that,	3		RPE by staff in the designated area may be considered
4		including consideration of bed spacing and over the	4		by the organisation. This takes account of interim
5		page, please as a minimum, whether the windows in the	5		guidance issued by the World Health Organisation
6		area can be opened and realistically remain open whilst	6		occupational health and saved for healthcare workers."
7		the space is occupied.	7		So this was not an exception for the discretionary
8		And then, underneath that, having done that risk	8		use of FFP3 in defined circumstances based on healtho
9		assessment:	9		worker preference, it's a change to the Scottish IPC
10		"If the risk assessment concludes that	10		guidance informed by the developing understanding of
11		an unacceptable risk of transmission remains within the	11		role of long-range aerosol or airborne transmission; is
12		environment after rigorous application of the hierarchy	12		that right?
13		of controls (eg inadequate bed spacing AND natural	13	Α.	That's correct, yes. And it's particularly recognising
14		ventilation where windows cannot be opened) and only if	14		the increased risk in some of our environments.
15		there are no other more optimal low risk clinical areas	15	Q.	<b>3</b>
16		suitable for the high risk pathway cohort then the	16		I think it is, of the longer statement and on that
17		NHS Boards should consider utilising the area for this	17		page 163.
18		purpose with [the] provision of Respiratory Protective	18		The next change in the table is said to be
19		Equipment for the staff working in this area."	19		in July 2021. This was a workforce policy rather than
		And then in bold in the box below:	20		a change in IPC guidance; is that right?
20		"The evidence continues to support the most	21	Α.	That's correct, yes.
21		likely may be of COVID 10 to an anti-size bail in the		11	
21 22		likely route of COVID-19 transmission being via the	22	Q.	Did it apply across all health boards?
21 22 23		droplet and contact route. However, it is accepted	23	Α.	Yes, it applied all health boards in Scotland, yes.
21 22				-	Yes, it applied all health boards in Scotland, yes.

		exist for Scotland and these have been agreed through
		consultation with NHS boards and approved by the CNO
		Nosocomial Review Group."
		Then going, please, to page 30 of the document.
		We see in yellow highlight the start of the
		amended section on hierarchy of controls.
		And going to page 32, please, there is a section
		here on the obligation to conduct a risk assessment of
		the healthcare environment and the need to take account
)		of environmental considerations.
1		Then over the page, please, at 5.11.2 there is
2		a section on "Organisational Preparedness and COVID-19
3		Risk Assessment when determining appropriate location
1		for High Risk Pathway". And it recognises that:
5		"Some clinical environments present a greater
6		risk in terms of COVID-19 transmission if used to care
7		for cohorts of suspected and/or confirmed COVID-19
3		cases. NHS Boards must seek to identify and prepare
)		the most suitable clinical area for planned placement
)		of patients requiring care on the high risk (red)
1		pathway. This is not required for areas used for the
2		medium and low risk pathways where sporadic cases of
3		'unexpected' positive COVID-19 cases may arise."
1		And just scrolling down there and going over the
5		page, please apologies, if we can just go back one
		62
		controls connect by connected the lovel of right is
		controls cannot be applied, the level of risk is
		unknown and as a precautionary approach, the use of RPE by staff in the designated area may be considered
		by the organisation. This takes account of interim
		guidance issued by the World Health Organisation
		occupational health and saved for healthcare workers."
		So this was not an exception for the discretionary
		use of FFP3 in defined circumstances based on healthcare
		worker preference, it's a change to the Scottish IPC
)		guidance informed by the developing understanding of the
1		role of long-range aerosol or airborne transmission; is
2		that right?
3	Α.	That's correct, yes. And it's particularly recognising
1		the increased risk in some of our environments.
_	_	

(16) Pages 61 - 64

1	that right?	1		workers, taking into account the increased		
2 <b>A</b> .		2		transmissibility of the Omicron variant?		
3 <b>Q</b> .	Can you just explain, please, why this policy was	3	Α.	Yes, that's correct, the WHO issued an update to their		
4	introduced and the circumstances in which FFP3s could be	4		guidance and the UK infection prevention control		
5	offered to healthcare workers over and above the	5		structures decided that that didn't merit a change in		
6	circumstances provided for by the IPC guidance?	6		the guidance around what infection prevention control		
7 <b>A</b> .	So I think this was introduced in particular to support	7		measures were offered. If I recall correctly, our		
8	staff who may want to be back at work but who may have	8		ministers asked for specific evidence in relation to		
9	some underlying health conditions that would mean that	9		that, and took a view, again, that we should offer that		
10	they might be at a higher risk of Covid and, therefore,	10		enhanced level of protection to staff who expressed		
11	whilst they might be working in areas which wouldn't	11		a preference for that.		
12	normally require that level of protection, we felt that	12	Q.	Notification of this policy was given in a letter dated		
13	it was important to be able to offer people that level	13		19 April 2022, sent to the health boards.		
14	of protection.	14		Could we have that letter on screen, please. It's		
15 <b>Q</b> .	And this is described as personal preference, access to	15		INQ000429256, and starting four paragraphs down.		
16	FFP3.	16		"The UK IPC cell reviewed the WHO		
17	The last change listed in this table introduced	17		recommendations on mask use by health and care		
18	in March 2022. And here this is, again, described as	18		workers, in light of the Omicron variant of concern		
19	a workforce policyholders and, again, personal	19		statement and agreed that no changes were required to		
20	preference access to FFP3. Did this apply across all	20		the extant UK guidance for Infection Prevention and		
21	health boards?	21		Control for seasonal respiratory infections in		
22 <b>A</b> .	Yes, it did apply across all health boards, yes.	22		health and care settings (including SARS-CoV-2).		
23 <b>Q</b> .	Is it right that this policy was introduced in	23		Therefore, this letter does not reflect a change in		
24	consequence of a December 2021 WHO update to	24		the IPC guidance, but rather is in response to		
25	recommendations on the use of FFP3 masks by healthcare 65	25		a conditional recommendation within the WHO updated 66		
1	guidance (21 December) based on the individual staff	1		their overall health and safety, but also psychological		
2	member's personal preference.	2		well-being of staff, as well, and it was on that basis		
3	"With this in mind, [IPC] managers do not have	3		that ministers made the decision that the staff should,		
4	a role in the process to allow staff access to an FFP3	4		if it was their preference, be offered access to an FFP3		
5	mask, if it is being done on the basis of their own	5		mask.		
6	personal choice. Rather, an individual risk	6	0	So WHO update to recommendations came in December 20		
7	assessment should be carried out by the line manager,	7	-	Why did it take until April 2022 for this policy to be		
8	in line with current guidance and with consideration	8		introduced?		
9	of the staff member's overall health, safety, physical	9	Α.	I think, as I've said, the first step in that, so first		
10	and psychological well-being, as well as personal	10		of all, there was no update to the extant UK guidance so		
11	views/concerns about risks."	11		I think, first of all, we waited to see if there would		
12	So this was not a change in the IPC guidance; it	12		be an update to that, which there wasn't. Ministers		
13	was a policy decision taken by the Scottish Government.	13		then asked for further evidence to consider, but		
14	Is that right?	14		effectively they were taking a decision that went beyond		
15 <b>A</b> .		15		the IPC guidance so it was a process of working through		
16 <b>Q</b> .	-	16		that for them.		
17	the rest of the UK?	17	Q.			
18 <b>A</b> .		18	-	to do things differently over and above the IPC		
19 <b>Q</b> .		10		guidance, to make staff feel reassured, and you've		
20 <b>A</b> .		20		referred to that psychological benefit, why could this		
21	updated their guidance in relation to Omicron, ministers	21		policy that personal preference should be someone's		
22	asked for additional evidence and to be given advice	22		personal preference to wear an FFP3 mask should mean		
23	really about what further measures they could take.	23		they should have access to one, not be introduced sooner		
24	I think ministers were concerned to ensure that staff	20		in the pandemic? And I don't mean just		
25	felt protected and as it says here, taken into account 67	25		after December 2021. But if this is a policy decision 68		

(17) Pages 65 - 68

1	that you're going to do things differently for other	1
2	reasons, other than the strict interpretation of	2
3	evidence on transmissibility for example, why was that	3
4	not done sooner?	4
5	A. I think as you've seen through the sort of development	5
6	and the chronology of the decisions that were made	6
7	around what IPC measures staff should use, Scotland very	7
8	much took the position of adopting the same approach as	8
9	the rest of the UK, and basing decisions on scientific	9
10	advice. I think as we moved through the pandemic we,	10
11	I guess, started to look at the particular concerns of	11
12	staff, and whilst they might not have been backed by	12
13	evidence, we were very I think ministers were very	13
14	keen to ensure that staff did feel protected and that we	14
15	were considering the psychological aspects as well.	15
16	So, I guess, it was an evolution, really, of	16
17	looking, first of all, at these staff sort of in most	17
18	risk, then it may be the areas where there was most risk	18
19	and then moving towards more of being around personal	19
20	preference.	20
21	<b>Q.</b> Was this policy or to put it in this way, were FFP3	21
22	supply constraints ever a factor in not introducing this	22
23	policy sooner?	23
24	A. I don't I cannot recall any circumstances when supply	24
25	constraints were part of the conversation about what PPE 69	25
1	I should have raised it with you earlier.	1
1 2	I should have raised it with you earlier. In fact, of course, we did in this case start with	1 2
2	In fact, of course, we did in this case start with	2
2 3	In fact, of course, we did in this case start with the higher degree of protection because it was initially	2 3
2 3 4	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and	2 3 4
2 3 4 5	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the	2 3 4 5
2 3 4 5 6	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that	2 3 4 5 6
2 3 4 5 6 7	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him,	2 3 4 5 6 7
2 3 4 5 6 7 8	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more.	2 3 4 5 6 7 8
2 3 4 5 6 7 8 9	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry,	2 3 4 5 6 7 8 9
2 3 4 5 6 7 8 9 10	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his	2 3 4 5 6 7 8 9 10
2 3 4 5 6 7 8 9 10	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his evidence was that you should stay at that higher level	2 3 4 5 6 7 8 9 10 11
2 3 4 5 6 7 8 9 10 11 12	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his evidence was that you should stay at that higher level for longer until there is evidence to suggest it's not	2 3 4 5 6 7 8 9 10 11 12
2 3 4 5 6 7 8 9 10 11 12 13	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his evidence was that you should stay at that higher level for longer until there is evidence to suggest it's not necessary as opposed to the chain of events that we	2 3 4 5 6 7 8 9 10 11 12 13
2 3 4 5 6 7 8 9 10 11 12 13 13	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his evidence was that you should stay at that higher level for longer until there is evidence to suggest it's not necessary as opposed to the chain of events that we know.	2 3 4 5 6 7 8 9 10 11 12 13 14
2 3 4 5 6 7 8 9 10 11 12 13 14 15	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his evidence was that you should stay at that higher level for longer until there is evidence to suggest it's not necessary as opposed to the chain of events that we know. <b>LADY HALLETT:</b> It doesn't make any difference to Ms Lamb's	2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his evidence was that you should stay at that higher level for longer until there is evidence to suggest it's not necessary as opposed to the chain of events that we know. <b>LADY HALLETT:</b> It doesn't make any difference to Ms Lamb's evidence you would still say there are the other	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his evidence was that you should stay at that higher level for longer until there is evidence to suggest it's not necessary as opposed to the chain of events that we know. <b>LADY HALLETT:</b> It doesn't make any difference to Ms Lamb's evidence you would still say there are the other considerations. <b>THE WITNESS:</b> Yeah. <b>MS PRICE:</b> Thank you, my Lady.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his evidence was that you should stay at that higher level for longer until there is evidence to suggest it's not necessary as opposed to the chain of events that we know. <b>LADY HALLETT:</b> It doesn't make any difference to Ms Lamb's evidence you would still say there are the other considerations. <b>THE WITNESS:</b> Yeah.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his evidence was that you should stay at that higher level for longer until there is evidence to suggest it's not necessary as opposed to the chain of events that we know. <b>LADY HALLETT:</b> It doesn't make any difference to Ms Lamb's evidence you would still say there are the other considerations. <b>THE WITNESS:</b> Yeah. <b>MS PRICE:</b> Thank you, my Lady. Scotland was obviously thinking from a fairly early stage about whether it was necessary to give	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his evidence was that you should stay at that higher level for longer until there is evidence to suggest it's not necessary as opposed to the chain of events that we know. <b>LADY HALLETT:</b> It doesn't make any difference to Ms Lamb's evidence you would still say there are the other considerations. <b>THE WITNESS:</b> Yeah. <b>MS PRICE:</b> Thank you, my Lady. Scotland was obviously thinking from a fairly early stage about whether it was necessary to give guidance about going above and beyond the strict IPC	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE</b> : That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his evidence was that you should stay at that higher level for longer until there is evidence to suggest it's not necessary as opposed to the chain of events that we know. <b>LADY HALLETT</b> : It doesn't make any difference to Ms Lamb's evidence you would still say there are the other considerations. <b>THE WITNESS</b> : Yeah. <b>MS PRICE</b> : Thank you, my Lady. Scotland was obviously thinking from a fairly early stage about whether it was necessary to give guidance about going above and beyond the strict IPC measures. We've been through the timeline of occasions	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	In fact, of course, we did in this case start with the higher degree of protection because it was initially classified as a high consequence infectious disease, and so what happened was the UK guidance went from the higher protection and reduced it, so I assume that Professor McKay's opinion, if we'd put that to him, would be: don't reduce it until you know more. <b>MS PRICE:</b> That was my interpretation, my Lady. Sorry, I should have made that clear. My interpretation of his evidence was that you should stay at that higher level for longer until there is evidence to suggest it's not necessary as opposed to the chain of events that we know. <b>LADY HALLETT:</b> It doesn't make any difference to Ms Lamb's evidence you would still say there are the other considerations. <b>THE WITNESS:</b> Yeah. <b>MS PRICE:</b> Thank you, my Lady. Scotland was obviously thinking from a fairly early stage about whether it was necessary to give guidance about going above and beyond the strict IPC	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

- 14 November 2024 should be available. **Q.** We heard the evidence earlier of Professor McKay that in a future pandemic his view is that you should start with the precautionary principle of having the highest level of protection and then reducing it as things are known, applying that precautionary approach. What's your view on that? A. I think it would depend on what the next pandemic brings us. But, yes, I would concur that taking a precautionary approach is -- would be a good place to be. I think you do have to balance that off against, you know, measures around -- some of this personal protection is not the most comfortable to be wearing all the time. So we do need to just think about balancing off all the issues that are associated with it. I think we learnt a huge amount about PPE and about how to support people in wearing that and about how to mitigate against some of the, you know, some of the more negative consequences particularly around people who need to lip-read and not being able to see people's faces, and so we found ways through lots of that. So I think our approach to PPE is much improved from where we were pre-pandemic. LADY HALLETT: Ms Price, I was thinking about Professor McKay's evidence during the break, I'm sorry, 70 relating to FFP3 masks in Scotland, when compared to the rest of the UK, reduced healthcare worker deaths or the level of infections by any appreciable margin? A. I'm not aware that there has been any analysis or research into that. There may have been but I'm not aware of it. Q. Is the data available -- and it may not be a question for you, you may not be able to answer, but is the data available in particular in relation to healthcare worker infections and deaths in Scotland to allow such an analysis to be done? A. So, yes, I have the data in relation to healthcare worker deaths, and we also monitored absences related to Covid although I am not sure the extent to which they were absences where somebody might be isolating because of a family member or because they had Covid themselves, but we certainly have the number of deaths. Q. Moving then, please, it a question about the location of ARHAI. ARHAI was separated from Public Health Scotland on its creation in April 2020. Can you help, please, with who was ultimately responsible for overseeing the governance of ARHAI from that point in April 2020?
  - A. Yes, so at the point where Public Health Scotland was
  - created ARHAI was part of Health Protection Scotland. ARHAI is based in National Services Scotland and
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of this year.

Yeah.

against moving ARHAI.

I think it's probably fair to say that they could see pros and cons in both of those, the options of

moving it and the options of leaving it where it is.

So, in the end, the conclusion was that ARHAI should

remain where it is, in National Services Scotland. And

we recognised as well that it was important, given that

split of responsibilities, that there was maybe improved clarity around responsibilities, making sure that there

isn't duplication between what Public Health Scotland

Scotland, are taking forward at the moment. I think

So the conclusion was that ARHAI would remain in

healthcare settings. You refer at paragraph 551 of your

need to keep vigilant around the potential of spreading

infections not just in the patient-facing areas but in

those areas, rest areas, where people went to take

Q. Was there an evidence base for concerns or, to put it

to healthcare worker transmission was a particular

Q. Turning, please, to Scottish Ambulance Service access to

Could we have on screen, please, INQ000335968, and

This is Paul Bassett's statement, which we looked

A. I think it was more anecdotal than it was, you know,

at earlier, and in paragraph 56 he refers to:

problem or was this anecdotal?

hard evidence based.

it's page 14, please.

suitable PPE.

another way, was there evidence that healthcare worker

Q. Moving, please, to adherence to IPC measures in

longer statement, if you need to refer to it, to the 74

Q. And the conclusions of the review are set out in

Q. And just in summary, what is the conclusion?

a letter from October of this year?

National Services Scotland.

a break as well.

they are -- were due to report on that I think December

are doing and what National Services Scotland and ARHAI are responsible for. And that's a bit of work that the

two boards, National Services Scotland and Public Health

1		a number of the functions of National Services Scotland
2		moved to Public Health Scotland when Public Health
3		Scotland was set up. ARHAI stayed in
4		National Services Scotland. The rationale around not
5		moving ARHAI into Public Health Scotland was linked to
6		their role in ensuring infection protection and control
7		measures in the built environment, so NHS Assure, who
8		have that role in Scotland, also sit within
9		National Services Scotland, so it was felt better at
10		that point, and particularly because we had then and
11		still have an ongoing public inquiry into a couple of
12		
		our hospitals in Scotland, so it was felt better not
13		to not to move them at that time but to keep them
14		linked to that built the assurance of the built
15		environment.
16	Q.	At paragraph 134 of your longer statement you refer to
17		the ARHAI Scotland location review, which was commenced
18		in October 2023. Can you explain, please, what that
19		review was, what it was considering and why.
20	Α.	Yes, so at the point where the decision was made not to
21		move ARHAI into Public Health Scotland there was also
22		a commitment that that position would be reviewed, and
23		so the review that started in about a year ago, that
24		was led by a couple of experts independent from
25		Scottish Government, looked at the arguments for and
		73
4		
1		Scottish Government commissioning Healthcare Improvement
2		Scotland to carry out inspections at healthcare
2 3		Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures
2 3 4		Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered.
2 3		Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to
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2 3 4 5 6 7		Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas,
2 3 4 5 6 7 8		Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was
2 3 4 5 6 7 8 9		Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was a campaign launched titled "It's Kind to Remind". Were
2 3 4 5 6 7 8 9	А.	Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was a campaign launched titled "It's Kind to Remind". Were concerns raised about adherence to IPC measures in
2 3 4 5 7 8 9 10 11	A.	Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was a campaign launched titled "It's Kind to Remind". Were concerns raised about adherence to IPC measures in non-patient-facing areas and if so, by whom?
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2 3 4 5 6 7 8 9 10 11 12 13	A.	Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was a campaign launched titled "It's Kind to Remind". Were concerns raised about adherence to IPC measures in non-patient-facing areas and if so, by whom? I think so. My recollection is that there were concerns raised, I think probably through our networks, in terms of through nurse directors, through conversations with
2 3 4 5 6 7 8 9 10 11 12 13 14	A.	Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was a campaign launched titled "It's Kind to Remind". Were concerns raised about adherence to IPC measures in non-patient-facing areas and if so, by whom? I think so. My recollection is that there were concerns raised, I think probably through our networks, in terms
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Α.	Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was a campaign launched titled "It's Kind to Remind". Were concerns raised about adherence to IPC measures in non-patient-facing areas and if so, by whom? I think so. My recollection is that there were concerns raised, I think probably through our networks, in terms of through nurse directors, through conversations with NHS boards, that whilst adherence to IPC measures in patient-facing areas was good, that there was that, you know, maybe inevitably, when people go for their breaks and they relax that adherence to those measures
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	A.	Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was a campaign launched titled "It's Kind to Remind". Were concerns raised about adherence to IPC measures in non-patient-facing areas and if so, by whom? I think so. My recollection is that there were concerns raised, I think probably through our networks, in terms of through nurse directors, through conversations with NHS boards, that whilst adherence to IPC measures in patient-facing areas was good, that there was that, you know, maybe inevitably, when people go for their breaks and they relax that adherence to those measures wasn't as high as it needed to be. And the campaign
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A.	Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was a campaign launched titled "It's Kind to Remind". Were concerns raised about adherence to IPC measures in non-patient-facing areas and if so, by whom? I think so. My recollection is that there were concerns raised, I think probably through our networks, in terms of through nurse directors, through conversations with NHS boards, that whilst adherence to IPC measures in patient-facing areas was good, that there was that, you know, maybe inevitably, when people go for their breaks and they relax that adherence to those measures wasn't as high as it needed to be. And the campaign around "It's Kind to Remind" was developed through
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Α.	Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was a campaign launched titled "It's Kind to Remind". Were concerns raised about adherence to IPC measures in non-patient-facing areas and if so, by whom? I think so. My recollection is that there were concerns raised, I think probably through our networks, in terms of through nurse directors, through conversations with NHS boards, that whilst adherence to IPC measures in patient-facing areas was good, that there was that, you know, maybe inevitably, when people go for their breaks and they relax that adherence to those measures wasn't as high as it needed to be. And the campaign around "It's Kind to Remind" was developed through a suggestion from the officials within the chief nursing
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A.	Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was a campaign launched titled "It's Kind to Remind". Were concerns raised about adherence to IPC measures in non-patient-facing areas and if so, by whom? I think so. My recollection is that there were concerns raised, I think probably through our networks, in terms of through nurse directors, through conversations with NHS boards, that whilst adherence to IPC measures in patient-facing areas was good, that there was that, you know, maybe inevitably, when people go for their breaks and they relax that adherence to those measures wasn't as high as it needed to be. And the campaign around "It's Kind to Remind" was developed through a suggestion from the officials within the chief nursing officers directorate, who were meeting regularly with
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A.	Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was a campaign launched titled "It's Kind to Remind". Were concerns raised about adherence to IPC measures in non-patient-facing areas and if so, by whom? I think so. My recollection is that there were concerns raised, I think probably through our networks, in terms of through nurse directors, through conversations with NHS boards, that whilst adherence to IPC measures in patient-facing areas was good, that there was that, you know, maybe inevitably, when people go for their breaks and they relax that adherence to those measures wasn't as high as it needed to be. And the campaign around "It's Kind to Remind" was developed through a suggestion from the officials within the chief nursing officers directorate, who were meeting regularly with the IPC infection prevention and control lead nurses
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A.	Scotland to carry out inspections at healthcare facilities, during which implementation of IPC measures was considered. During your oral evidence given in Module 2A to this Inquiry, you highlighted the importance of adherence to IPC measures in non-patient-facing areas, not just in patient-facing areas, and the fact there was a campaign launched titled "It's Kind to Remind". Were concerns raised about adherence to IPC measures in non-patient-facing areas and if so, by whom? I think so. My recollection is that there were concerns raised, I think probably through our networks, in terms of through nurse directors, through conversations with NHS boards, that whilst adherence to IPC measures in patient-facing areas was good, that there was that, you know, maybe inevitably, when people go for their breaks and they relax that adherence to those measures wasn't as high as it needed to be. And the campaign around "It's Kind to Remind" was developed through a suggestion from the officials within the chief nursing officers directorate, who were meeting regularly with

" regular meetings with Scottish Government
across all service functions, including
Chief Executives, Medical Directors, Workforce Directors
and Finance Directors which ultimately fed back into the
Scottish Government Resilience Room and the Scottish
Government."
And included in the matters discussed at these
meetings were PPE.
"Daily reports were provided relating to the

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75

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1		provision of PPE, number of staff fitted with Filtering	1
2		Face Piece Level 3 (FFP3) marks, availability of	2
3		resources, system wide challenges and vaccination	3
4		numbers."	4
5		And then going to page 45, please, paragraph 163,	5
6		he says:	6
7		"The logistics and supply chain within the SAS	7
8		at the time of the pandemic was significantly tested	8
9		as we rolled out PPE and other supplies at pace across	9
10		the Service."	10
11		Mr Bassett then explains the model for the	11
12		Scottish Ambulance Service's logistics and inventory	12
13		management for PPE and RPE which was in place during the	13
14		pandemic, or at least when it hit. And that was	14
15		a locally-managed model for procurement.	15
16		He goes on to explain that a review led to	16
17		a change in model to a centralised logistic service for	17
18		each of the three regional areas in Scotland and that	18
19		was rolled out in 2021-2022.	19
20		And then at 166, Mr Bassett says:	20
21		"The fragility of our operating model was	21
22		highlighted during the initial months into 2020 when	22
23		global demand was at its highest and securing supply	23
24		from regular private providers was impossible for the	24
25		Service. The private providers informed us that they 77	25
1		certainly weren't part of all of the national contracts.	1
2		I do understand that the Scottish Ambulance Service has	2
3		some specific requirements, so, for example, given that	3
4		ambulance operators are quite often outside I think	4
5		having they need heavier aprons that don't blow up in	5
6		the wind quite so much, but I think a lot of the PPE	6
7		that they use was appropriate to be supplied through the	7
8		national contract.	8
9		I think, as well, what this statement issues is	9
10		indicates is that the Scottish Ambulance Service did recognise that in a situation where global demand was	10
11 12		outstripping supply for PPE, that to be a single small	11 12
12		procurer of that PPE was not the best position to be in.	12
13		They, therefore, and I quess in terms of what the	13
14		Scottish Government did, we were able to ensure that the	14
16		NSS supply routes and their distribution mechanisms were	16
17		able to support the Scottish Ambulance Service in the	10
18		same way as they were supporting other boards and,	17
19		indeed, primary care and social care providers. So that	18
20		is the position that we moved into.	20
20 21	Q.	Was there any additional help given prior to	20
21	હ.	February 2021 before NHS NSS took on that assistance	21
22		role?	22
23 24	Α.	Yes. So my understanding is from the beginning of the	23
24	д.	pandemic NSS would make supplies available to all health	24
		79	20

uir	y	14 November 2024
1		could not maintain this level of supply"
2		It appears from Mr Bassett's statement that
3		assistance in procuring PPE was ultimately given by
4		NHS NSS after the SAS procurement team took over
5		responsibility for purchasing service supplies of PPE in
3		February 2021.
7		You've seen Mr Bassett's reference to the regular
3		meetings with Scottish Government which covered PPE
9		issues. Can you help with anything else that the
0		Scottish Government did to help address the PPE supply
1		difficulties that were being experienced by the Scottish
2		Ambulance Service?
3	Α.	Yes, so the position with regard to supply of PPE prior
4		to the pandemic and indeed through the pandemic and as
5		it stands today is that NSS, National Services Scotland,
6		is the health board that is used within Scotland to
7		buy to procure and then buy goods on national
8		contracts and that includes PPE. NSS have a national
9		distribution centre so they have well-established
0		mechanisms for receiving large quantities of supplies
1		and then distributing them around Scotland to health
2		boards.
3		My understanding from this statement is that the
4		Scottish Ambulance Service were not part of they may
5		be part some of the national contracts for PPE but
		78
1		boards, including the Scottish Ambulance Service where
2		they required it, and, indeed, to other providers like
3		primary care and social care organisations as well.
1		I think what's described in the statement is that
5		obviously getting provisions into a board is one thing,
3		but then they need to be distributed within that board
7		and for the ambulance service that's a complex
3		arrangement because it covers the whole of Scotland and
9		there are multiple ambulance stations and I think what's
0		being described in this is that SAS moved to set up a
1		process of having hubs so that their PPE and,
2		potentially other supplies, could be delivered into hubs
3		within the ambulance service and then distributed out to
4		the ambulance stations that needed it from there.
5	Q.	You address PPE supply lessons learned at paragraphs 964
6		to 967 of your longer statement.
7		Could we start, please, on page 284 of that
8		statement ending 979, please.
9		You set out in this paragraph some of the learning
0		from lessons learned reviews and exercises carried out
1		by the Scottish Government. Looking, in particular,
2		from the second bullet point down, you say:
3		" Scotland's traditional PPE supply routes,

just-in-time supply model and PPE stockpiling arrangements were not sufficient in pandemic

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4	singunation of a famous data she iling and buying	4	
1	circumstances. A reformed stockpiling and buying	1	that we have significantly increased the amount of PPE
2	approach for pandemic PPE is required.	2	that we hold in Scotland. Originally I think we went to
3	" Long-term and sustainable PPE supply	3	16 weeks' worth of PPE based on the quantities that we
4	arrangements are required for the primary care sector	4	were using during Covid. That's been slightly scaled
5	to ensure the challenges of any future pandemic can be	5	back so we're currently holding 12 weeks' based on
6	met.	6	again based on the amounts that we were using during
7	" During the Covid-19 pandemic Scotland	7	Covid.
8	always had a sufficient supply of PPE. However, as	8	I think in terms of our supply routes, as well,
9	the traditional routes of supply failed under	9	I think what was an issue globally was the quantity and
10	worldwide demand pressures, new supply chains had to	10	the proportion of PPE that was sourced from China and
11	be set up quickly in order to meet demand, therefore,	11	obviously China had its own issues in terms of being the
12	surge capacity needs to be available to ensure that	12	first place hit by the pandemic, and therefore seeking
13	anticipated PPE demand is met during the volatile	13	to identify domestic supply routes was really important
14	early stages of any future pandemic."	14	and we put in place that contract with Alpha Solway back
15	Can you help, please, with what the Scottish	15	in August 2020. So I think, in terms of broadening out
16	Government has done to develop and implement future	16	supply routes and also moving away from that sort of
17	pandemic PPE supply arrangements bearing in mind those	17	just-in-time supply model, we've done a lot around that.
18	particular lessons learned?	18	We've also recognised that having data and being
19 <b>A</b> .		19	able to share realtime data about the availability of
20	stockpile in Scotland was based on assumptions around	20	PPE is really critical in terms of people being able to
21	pandemic flu, and the pandemic that we got, the Covid-19	21	have confidence that there are supplies available in the
22	pandemic required significantly more items of PPE in	22	system. We stood up a lot of additional data systems
23	order to manage that than would have been the case for	23	during the pandemic in order to do just that.
24	the assumptions around pandemic flu.	24	And I think you may come on to it, but we also
25	So I think the first thing that we have done is 81	25	went out and consulted with other organisations around 82
1	what was helpful, what wasn't helpful, and I think one	1	carried out impact assessments in relation to the
2	of the things that emerged from that was around feeling	2	different work streams which flowed from the action
3	there was inequitable access to PPE and I think that's	3	plan. Is that right?
4	part of that transparency and sharing of data about how	4 <b>A</b>	. Yes, that's my understanding, yeah.
5	the stockpile is being managed and how ongoing supply	5 <b>Q</b>	. You then set out the issues which were highlighted by
6	routes are being sourced.	6	the impact assessments done across the work streams.
7 <b>Q</b> .	In what way inequitable?	7	Can you explain, please, what the key specific
8 <b>A</b> .	I think that there was a view that there was	8	equalities issues related to PPE were and what steps
9	insufficient supply for some of our social care	9	were taken by the Scottish Government to address them?
10	organisations, for example, and I think we would	10 <b>A</b>	. Yes, so the first one was around communications which
11	recognise that prior to the pandemic we had focused very	11	I've already referred to around the difficulties of
12	much on what was the what would be the requirement in	12	people not being able to see through the masks, and in
13	healthcare settings. We're now much more we take	13	response to that I think we approved a mask with
14	much more cognisance of the PPE that's required across	14	a fog-proof transparent section in it for use from,
15	all of our health and social care settings.	15	I think, about December '21 onwards.
16 <b>Q</b> .	Coming, please, to PPE equality impact assessments and	16	So this isn't the action to address the
17	the learning from these.	17	inequality impact assessments were being taken, sort of,
18	Could we have on screen, please, page 98 of the	18	in parallel, really, with those impact assessments being
19	longer statement.	19	carried out.
20	And at paragraph 378 you deal with the Scottish	20	The second issue was around fit and, again, we've
21	Government PPE Action Plan, which was published in	21	heard the particular issues around, well, women for one,
22	October 2020. And you explain towards the bottom of the	22	and as a result of that, two things; one, we expanded,
23	page, at paragraph 380, that there was no specific	23	or NSS expanded the range of masks that were available,
24	equality impact assessment produced for the action plan.	24	so there were, I think, eight available by March '21 and
25	Instead, the PPE division and unit policy officials	25	we've also, as I've said, engaged with Alpha Solway to
	83		84

1		set up a manufacturing base that would pay closer	1	
2		attention to the Scottish demographics.	2	
3		Then the third issue was around the difficulty of	3	
4		fitting, close fitting masks to people with facial hair	4	
5		and the issues around that being a religious observance	5	
6		and we recognise there that actually what was needed	6	
7		there was a different form of PPE, so air purifiers.	7	
8	Q.	The next overarching topic I'd like to ask you about is	8	
9		NHS hospital capacity in Scotland and the response to	9	
10		hospital capacity issues.	10	
11		Starting, please, with the hospital capacity data	11	
12		which was collected and presented to the Scottish	12	
13		Government and relevant NHS decision-makers during the	13	
14		pandemic.	14	
15		The Inquiry has heard evidence from Dr Phin from	15	Α
16 17		Public Health Scotland that there were two types of	16	~
17		daily reports produced, one for the Scottish Government,	17	G
18		and that was considered at the daily huddle hosted by	18	
19 20		Public Health Scotland and attended by Scottish Ministers, and the second, a report that went to	19 20	
20		intensive care consultants and those responsible for	20 21	
21		co-ordination of intensive care across Scotland.	21	Α
23		l'd like to look, please, at an example of each of	22	
23 24		these in turn to understand the type of data that was	23 24	
25		being produced in those reports and starting, please,	25	
20		85		
1		occupancy, which obviously this is very focused on and	1	A
1 2		occupancy, which obviously this is very focused on and the programme of work to access increased and to scale	1 2	A
2		the programme of work to access increased and to scale	2	
2 3		the programme of work to access increased and to scale up our ICU. And I recognise this as a summary of the	2 3	C
2 3 4	Q.	the programme of work to access increased and to scale up our ICU. And I recognise this as a summary of the data, that I was getting into my email box every morning	2 3 4	C
2 3 4 5	Q.	the programme of work to access increased and to scale up our ICU. And I recognise this as a summary of the data, that I was getting into my email box every morning in spreadsheet format, yes.	2 3 4 5	C
2 3 4 5 6	Q. A.	the programme of work to access increased and to scale up our ICU. And I recognise this as a summary of the data, that I was getting into my email box every morning in spreadsheet format, yes. So this report in this form was something that came	2 3 4 5 6	C
2 3 4 5 6 7		the programme of work to access increased and to scale up our ICU. And I recognise this as a summary of the data, that I was getting into my email box every morning in spreadsheet format, yes. So this report in this form was something that came to you?	2 3 4 5 6 7	C
2 3 4 5 6 7 8	Α.	the programme of work to access increased and to scale up our ICU. And I recognise this as a summary of the data, that I was getting into my email box every morning in spreadsheet format, yes. So this report in this form was something that came to you? Yes, and to others, I expect.	2 3 4 5 6 7 8	C
2 3 4 5 6 7 8 9	Α.	the programme of work to access increased and to scale up our ICU. And I recognise this as a summary of the data, that I was getting into my email box every morning in spreadsheet format, yes. So this report in this form was something that came to you? Yes, and to others, I expect. What this report does not do is give any information	2 3 4 5 6 7 8 9	A
2 3 4 5 6 7 8 9 10 11 12	Α.	the programme of work to access increased and to scale up our ICU. And I recognise this as a summary of the data, that I was getting into my email box every morning in spreadsheet format, yes. So this report in this form was something that came to you? Yes, and to others, I expect. What this report does not do is give any information about whether recommended staffing ratios were being maintained; would you agree? Yes, I'd agree.	2 3 4 5 6 7 8 9 10	A
2 3 4 5 6 7 8 9 10 11 12 13	A. Q.	the programme of work to access increased and to scale up our ICU. And I recognise this as a summary of the data, that I was getting into my email box every morning in spreadsheet format, yes. So this report in this form was something that came to you? Yes, and to others, I expect. What this report does not do is give any information about whether recommended staffing ratios were being maintained; would you agree? Yes, I'd agree. It also does not give any information about, for	2 3 4 5 6 7 8 9 10 11 12 13	A
2 3 4 5 6 7 8 9 10 11 12 13 14	A. Q. A.	the programme of work to access increased and to scale up our ICU. And I recognise this as a summary of the data, that I was getting into my email box every morning in spreadsheet format, yes. So this report in this form was something that came to you? Yes, and to others, I expect. What this report does not do is give any information about whether recommended staffing ratios were being maintained; would you agree? Yes, I'd agree. It also does not give any information about, for example, how many patients were receiving mechanical	2 3 4 5 6 7 8 9 10 11 12 13 14	A
2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. Q. A. Q.	the programme of work to access increased and to scale up our ICU. And I recognise this as a summary of the data, that I was getting into my email box every morning in spreadsheet format, yes. So this report in this form was something that came to you? Yes, and to others, I expect. What this report does not do is give any information about whether recommended staffing ratios were being maintained; would you agree? Yes, I'd agree. It also does not give any information about, for example, how many patients were receiving mechanical ventilation or other respiratory support?	2 3 4 5 6 7 8 9 10 11 12 13 14 15	A
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. Q. A.	the programme of work to access increased and to scale up our ICU. And I recognise this as a summary of the data, that I was getting into my email box every morning in spreadsheet format, yes. So this report in this form was something that came to you? Yes, and to others, I expect. What this report does not do is give any information about whether recommended staffing ratios were being maintained; would you agree? Yes, I'd agree. It also does not give any information about, for example, how many patients were receiving mechanical ventilation or other respiratory support? So if I look at this and look at the levels of care	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A
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Inquiry		14 November 2024			
1		with the daily report for Scottish Government.			
2		Could we have on screen, please, INQ000372596.			
3		This spreadsheet provides figures for each			
4		hospital grouped by health board and then network. It's			
5		dated, we can see in the "Last updated" column toward			
6		the right of the page, 29 December 2020. And for the			
7		day it is dated and the previous day, so we can see			
8		"today" and "yesterday" in the table headings, it			
9		provides numbers of empty, full, and closed beds, the			
10		number of patients at each level of care, and the number			
11		of suspected or positive Covid cases.			
12		The Inquiry understand that a closed bed is one			
13		which is closed due to a lack of staff or equipment to			
14		staff the bed. Is that also your understanding?			
15	Α.	Yes, that's my understanding that that's the definition			
16		of it, yes.			
17	Q.	Is this the daily report which would have been discussed			
18		at the daily huddle with Scottish Government?			
19		I should probably start by saying: did you attend			
20		those huddles?			
21	Α.	So, I'm not entirely sure which huddles Dr Phin was			
22		referring to because there were multiple huddles. I was			
23		personally involved in the scale-up of ICU resilience in			
24		the early days of the pandemic and we had at least			
25		daily, sometimes twice-daily, meetings around our ICU 86			
1	Α.	Yeah, that's correct.			
2	Q.	And there don't appear to be any figures for bed			
3	_	occupancy as a percentage of baseline or surge capacity?			
4	Α.	That's correct, although I think all of us who were			
5		looking at this report knew exactly what the baseline			
6		capacity was and where we were with the surge capacity			
7		as well. So looking at this, our baseline, this is			
8		2020, so that's before we'd added 30, so our baseline			
9 10	~	level 3 was 173.			
10 11	Q.	Bearing in mind, in particular, that Dr Phin's evidence that these are the reports which would have been			
12		discussed at the daily huddle attended by			
13		Scottish ministers, so understanding you obviously had			
14		a very good understanding of things like the number of			
15		beds available, do you think it would have been helpful			
16		if these daily reports had contained further data on			
17		staffing ratios, the particular type of beds that were			
18		empty, the percentage occupancy against baseline			
19		figures?			
20	Α.	So I would agree that a really helpful addition to this			
21		would have been the staffing ratios that were in place.			
22		l would also suggest, and obviously you'll have the			
23		opportunity to ask ministers, but I think ministers were			
24		pretty well aware of what our baseline was.			
25	^	Ware you over involved in discussions shout what type of			

Q. Were you ever involved in discussions about what type of 88

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1		data the Scottish Government would like to receive from
2		Public Health Scotland?
3	Α.	Yeah, I was certainly involved, not so much around the
4		critical care provision but as we started to really
5		develop our data collection and as we moved through
6		different phases in the pandemic, we were very keen to
7		ensure that we were able to get a much more holistic
8		view of what was happening with the system, and when
9		I talk about the system, I'm talking not just about
10		acute care but also what was happening in primary care,
11		what was happening in social care, because none of these
12		things exist as islands what's happening in one bit
13		of the system absolutely impacts on the other bit of the
14		system.
15		And we worked really closely with Public Health
16 17		Scotland to produce what we call the, sort of,
18		whole-systems intelligence which absolutely looked at where we were in terms of critical care, so how many
19		beds we had occupied, how many of those beds were
20		occupied by people with Covid, but also what our overall
20		levels of occupancy across our hospitals were.
22		It also included any particular pressures in
23		primary care. It included things like calls to NHS 24,
24		ambulance turnaround times and ambulance performance,
25		plus delays, so people who were in hospital who don't
		89
4		a conflict land of the descent of the destate of the destate
1 2		as well as level 3 beds against level 3 funded beds to the baseline. And level 2 and 3 beds against funded
2		level 2 and 3 bed baseline.
4		We also have a chart underneath here which shows
5		as a graph the percentages against baseline which are
6		set out in that table 2 we've just looked at, and it's
7		broken down by health board. And it's fairly easy to
8		
Ũ		see at a glance, for example, that as at
9		see at a glance, for example, that as at 2 February 2021, NHS Avrshire and Arran were
9 10		2 February 2021, NHS Ayrshire and Arran were
9 10 11		2 February 2021, NHS Ayrshire and Arran were significantly over baseline capacity with overall bed
10		2 February 2021, NHS Ayrshire and Arran were
10 11		2 February 2021, NHS Ayrshire and Arran were significantly over baseline capacity with overall bed occupancy against baseline being at 250%.
10 11 12	А.	2 February 2021, NHS Ayrshire and Arran were significantly over baseline capacity with overall bed occupancy against baseline being at 250%. Did you ever see this type of daily report with
10 11 12 13	А.	2 February 2021, NHS Ayrshire and Arran were significantly over baseline capacity with overall bed occupancy against baseline being at 250%. Did you ever see this type of daily report with a graph depiction of occupancy against baseline?
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10 11 12 13 14 15 16 17 18 19 20 21 22	A.	2 February 2021, NHS Ayrshire and Arran were significantly over baseline capacity with overall bed occupancy against baseline being at 250%. Did you ever see this type of daily report with a graph depiction of occupancy against baseline? So I can't recall seeing it graphed like this, other than in the SICSAG, the PHS society of intensive care reports, more of a retrospective glance. What I would say is that I think all of those of us looking at these reports were very focused on what was happening at an individual board level but also particularly focused on where we were sitting against overall capacity and how and the reason why this is broken down into west, east and north networks is because there is, you know,
10 11 12 13 14 15 16 17 18 19 20 21 22 23	A.	2 February 2021, NHS Ayrshire and Arran were significantly over baseline capacity with overall bed occupancy against baseline being at 250%. Did you ever see this type of daily report with a graph depiction of occupancy against baseline? So I can't recall seeing it graphed like this, other than in the SICSAG, the PHS society of intensive care reports, more of a retrospective glance. What I would say is that I think all of those of us looking at these reports were very focused on what was happening at an individual board level but also particularly focused on where we were sitting against overall capacity and how and the reason why this is broken down into west, east and north networks is because there is, you know, long-standing arrangements of providing resilience and

1		need to be in hospital but whose discharge is delayed,
2		and levels of unmet need in terms of social care in the
3		community. So we were trying to pull together all those
4		bits of data so that we were able to take a view and to
5		understand where we needed to see if there were
6		interventions that we needed to make in any bit of the
7		system that would help to improve the way in which the
8		system overall was working.
9	Q.	The Inquiry has very recently been provided with some
10		examples of the second type of daily report referred to
11		by Dr Phin in his evidence, those reports being the ones
12		going to intensive care consultants and those
13		co-ordinating intensive care.
14		Could we have on screen, please, INQ000474554.
15		And this report is dated 2 February 2021. We can
16		see "Table 1, Levels of care" with the date there.
17		And table 1 is similar to the table in the report
18		for Scottish Government in that it provides figures for
19		empty and full beds and different levels of care. It
20		does not in fact give the figures for closed beds for
21		some reason and it is, again, broken down by network,
22		health board and hospital.
23		Table 2, towards the right-hand side, and both
24		tables in the chart below are dated 2 February 2021,
25		provides percentages for occupied beds against baseline
		90
		90
1		
1		network was the one that was under most pressure in
2		network was the one that was under most pressure in relation to their baseline capacity at this point. And
2 3		network was the one that was under most pressure in relation to their baseline capacity at this point. And Ayrshire and Arran is part of that network. But they
2 3 4		network was the one that was under most pressure in relation to their baseline capacity at this point. And Ayrshire and Arran is part of that network. But they were sitting at 139% of the level 3s overall and that
2 3 4 5		network was the one that was under most pressure in relation to their baseline capacity at this point. And Ayrshire and Arran is part of that network. But they were sitting at 139% of the level 3s overall and that was funded baseline so that was a at this point we
2 3 4 5 6	0	network was the one that was under most pressure in relation to their baseline capacity at this point. And Ayrshire and Arran is part of that network. But they were sitting at 139% of the level 3s overall and that was funded baseline so that was a at this point we had expanded to at least double that capacity.
2 3 4 5 6 7	Q.	network was the one that was under most pressure in relation to their baseline capacity at this point. And Ayrshire and Arran is part of that network. But they were sitting at 139% of the level 3s overall and that was funded baseline so that was a at this point we had expanded to at least double that capacity. This type of report also didn't give any data for
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19		network was the one that was under most pressure in relation to their baseline capacity at this point. And Ayrshire and Arran is part of that network. But they were sitting at 139% of the level 3s overall and that was funded baseline so that was a at this point we had expanded to at least double that capacity. This type of report also didn't give any data for staffing ratios. Do you think it would have been helpful for intensive care consultants and those co-ordinating intensive care across Scotland to have had that information? Yes, I agree that it would have been helpful to have understood exactly what those ratios were looking like in different boards because I think that would have at a national level I am sure that at a local level, because there are really strong networks the critical care network was having very, very regular meetings at this time I am sure that there was a lot of information sharing going on at a local level between
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Α.	network was the one that was under most pressure in relation to their baseline capacity at this point. And Ayrshire and Arran is part of that network. But they were sitting at 139% of the level 3s overall and that was funded baseline so that was a at this point we had expanded to at least double that capacity. This type of report also didn't give any data for staffing ratios. Do you think it would have been helpful for intensive care consultants and those co-ordinating intensive care across Scotland to have had that information? Yes, I agree that it would have been helpful to have understood exactly what those ratios were looking like in different boards because I think that would have at a national level I am sure that at a local level, because there are really strong networks the critical care network was having very, very regular meetings at this time I am sure that there was a lot of information sharing going on at a local level between critical care consultants, but at a national level it would have been helpful to have understood what that picture looked like. Did anyone ever ask Public Health Scotland for data

(23) Pages 89 - 92

1		the systems that we have in place, the our staffing	1		down, please:
2		data so we were able to pull from our staffing, our	2		"National baseline capacity was exceeded on
3		overall national staffing system, data around levels of	3		8 occasions between 1 March 2020 and 15 March 2022. The
4		sickness/absence, but that covered the totality of	4		highest peak was 44% above baseline on 10 April 2020.
5		services, so I'm not sure whether we would have been	5		Patients with a positive PCR test for SARS-CoV-2
6		able to break that down into individual staffing groups.	6		comprised 76.7% of all those in ICU during the period of
7		I suspect that perhaps part of the reason that we	7		peak capacity (as of 10 April 2020), which reduced to
8		weren't collecting that data was because it would be	8		56% during other episodes of activity exceeding baseline
9		we would have had to ask individual units to provide	9		capacity later During these periods, care was often
10		that, particularly around ratios, because it's not	10		delivered in areas of the hospital re-purposed to
11		a question of sort of simply drawing pressing	11		provide intensive care, with separate units for Covid-19
12		a button and getting it off a system. And I suspect	12		and non-Covid-19 patients, resulting in additional
13		that we were balancing off the desirability of having	13		stress on staffing."
14		that data against putting additional pressure by having	14		You're dealing here with the number of occasions
15		to ask the people who are running those services to	15		on which the national baseline capacity was exceeded,
16		provide that data on a very regular basis.	16		and that takes into account capacity across the whole of
17 <b>(</b>	Q.	Could we have on screen, please, page 174 of the longer	17		Scotland and considers the demand across the whole of
18		of Ms Lamb's statements, please.	18		Scotland; is that right?
19		You've included in your statement this graph,	19	Α.	That's correct, yes.
20		which is taken from a report produced by SIGSAG, the	20	Q.	Could we have on screen, please, INQ000479816, page 47,
21		Scottish Intensive Care Society Audit Group, and it	21		please.
22		shows in graph form patients receiving level 3 care in	22		Paragraph 6.2.4, towards the end of the page here,
23		hospital as a percentage of baseline capacity.	23		this is a paragraph from a statement produced on behalf
24		And by reference to this and the data which	24		of Public Health Scotland which addresses data collected
25		underlies it, you say at paragraph 612, just scrolling	25		by SICSAG, and it explains that figure 21 which if we
1		just go to that over the page briefly, please we can	1		morning about the measures that boards took to increase
2		see that's the same figure, isn't it, that you reproduce	2		their staff the staffing available to them to staff
3		in your statement as figure 5; is that right?	3		critical care beds.
	Α.	Yes, I think so, yes.	4		Scottish Government issued guidance to health
	<u>.</u> Q.	And going back to 6.2.4, the paragraph the page before,	5		boards in March 2020 about how to go about seeking to
6	α.	there are these observations on the national baseline	6		staff the increased numbers of ICU beds we were trying
7		graph, and that figure highlights:	7		to stand up, and I think as you heard this morning, the
8		" periods between 1 March 2020 and the end	8		first call was really on staff who already had some
9		of June 2022, where the number of level 3 patients	9		experience in critical care, and in staff who were
10		exceeded baseline capacity in critical care units. This	10		working so for for example, staff who had worked in
11		means there were more patients than the number of funded	10		theatres, anaesthetists, and staff therefore who had
12		beds available to the units. Funding is based on one	12		some experience of the sort of procedures and
13		nurse for each level 3 bed. Figure 21 shows in red	12		arrangements that are necessary in intensive care. That
14		where there were more patients than there were critical	13		was facilitated by the fact that we'd stood down
15		care staff to look after them on a 1:1 basis."	15		elective surgery other than emergency and urgent work
16		Should her Ladyship take from that that on any	16		and therefore there were staff who were available to be
17		occasion when national level 3 baseline capacity was	10		deployed.
18		breached, it follows that staffing ratios were diluted	18		So whilst it's absolutely the case to say that
19		from the prescribed ratio of 1:1?	10		this graph recognises that when you compare the actual
	Α.	So I don't think you can make that direct correlation.	20		numbers we had to the baseline we had, and I have no
20		So what this shows is the actual occupancy levels	20		doubt that there was dilution of the ratios going on and
21		compared to our baseline. So our baseline was 173 beds	21		we set out in our guidance ways in which to manage that,
22		going into the pandemic. And that was the number of	22		but actually there would have been staff available from
23		beds that boards were financed to staff, as well.	23 24		other parts of the system as well.
24		However, I think you've heard already earlier this	24	MS	<b>PRICE:</b> My Lady, might that be an appropriate time?
20		95	20		96

95

(24) Pages 93 - 96

1 2	LADY HALLETT: Certainly. I shall return at 1.45. (12.43 pm)	1 2
2	(The short adjournment)	3
4	(1.45 pm)	4
5	LADY HALLETT: Yes.	5
6	MS PRICE: Thank you, my Lady.	6
7	Can we please have on screen INQ0000470091.	7
8	Ms Lamb, this is a report published by SICSAG on	8
9	13 October 2021. On page 62 of that, please, it deals	9
10	with nurse staffing levels in ICU. There is this	1(
11	explanation of the data gathered on this and it says:	11
12	"This is a new section which has been added in	12
13	order to report nursing staffing levels in ICUs and	13
14	combined units against agreed standards. These	14
15	standards are defined in the Guidelines Data	15
16	relating to nurse staffing are not part of the core	16
17	dataset provided to SICSAG from units. For this reason,	17
18	SICSAG undertook a survey on 23 September 2021,	18
19	contacting charge nurses who were asked to report	19
20	staffing levels and unit activity on a single day shift.	20
21	All ICUs and combined units with patients admitted with	21
22	COVID-19 were contacted. Of these 18 units, all 18	22
23	responded to the survey."	23
24	Does it follow from what is said here that beyond	24
25	this single-shift, single-day survey snapshot, there is	25
	97	
1	without COVID-19. This required nurses and other	1
2	healthcare staff to work across more than one area with	2
3	level 3 patients.	3
4	"39% of units were able to maintain recommended	4
5	nurse-to-patient staffing ratios with ICU-trained	5
6	registered nurses from their own unit In the	6
7	remaining 61% of units, staffing ratios could only be	7
8	maintained with registered nursing staff who did not	8
9	usually work in the ICU.	9
10	"67% of units required nurses to work in the unit	1(
11	who were not part of their usual nursing staff	11
12	complement	12
13	"72% of units were able to retain a supernumerary	13
14	senior nurse on duty"	14
15	"This snapshot"	15
16	At the bottom paragraph here:	16
17	"This snapshot survey describes nurse staffing on	17
18	a single day in Scottish ICUs which will vary over time.	18
19	However, it demonstrates that over half of ICUs and	19
20	combined units in Scotland are currently unable to	20
21	maintain recommended nurse staffing ratios from within	2 <sup>2</sup>
22	their own staffing complement. Two thirds of units are	22
23 24	relying on nurses who usually work in other areas of the	23
	hospital, or nurses recruited through agencies/staff	24
25	banks. These findings should be considered when 99	25
	33	

1411	<b>y</b>	
1		no data available or held centrally about the extent to
2		which ICU and combined unit staffing ratios were in fact
3		maintained during the pandemic in Scotland?
4	Α.	That's correct, yes.
5	Q.	Is that not less than satisfactory from the perspective
6 7		of understanding the impact of the pandemic on the healthcare system in Scotland?
8	Α.	So I would agree that ideally it would have been really
9	Α.	helpful to have access to that data. I think, you know,
10		as you can see from this, the way in which SICSAG
11		obtained that data was by directly contacting charge
12		nurses and asking them to report on that particular day.
13		I think that the burden of asking them to do that on
14		a daily basis, when units were under such significant
15 16		pressure, would have been disproportionate compared to benefit. But I do absolutely agree that I think there
17		are a number of areas in which it would be helpful for
18		us to have more accurate collection of staffing data
19		going forward.
20	Q.	
20	ω.	page here and, in headline:
21		"In 61% of hospitals patients requiring level 3
22		care were being looked after in at least one
23 24		geographical area additional to the unit's usual
24 25		footprint to allow separation of patients with and
20		98
1		interpreting data relating to the ICU bed capacity."
2		This is quite concerning, isn't it, that at this
3		snapshot point in time over half of ICUs and combined
4		units in Scotland were unable to maintain the
5		recommended nurse staffing ratios?
6	Α.	So my reading of this is that they were unable to
7		maintain the recommended staffing ratios using nurses
8		from within their
9	Q.	ICU-trained nurses?
10	Α.	ICU-trained nurses from within their own unit, yes. So
11		I think what they're reflecting here is the extent to
12		which they've had to redeploy staff who would normally
13		not work in that unit or staff who would not regularly
14		work in ICU into that place. So, yes. And I think that
15		absolutely reflects the fact that our baseline capacity
16		was 173 and we were operating at beyond that baseline
17		capacity.
18	Q.	Were you made aware of the results of this survey at the
19		time?
20	Α.	I can't recall being made aware of the results of this
21		survey at the time. As I said before, we were seeking
22		to monitor the levels of staffing available across all
23		services in our hospitals, so we were gathering data
24		around sickness absence levels particularly but also
25		a provides the second state of the second s

25 engaging regularly with the HR directors in boards to 100

#### **UK Covid-19 Inquiry**

1		understand what the level of workforce pressures was on
2		a board by board area, and that was feeding into the
3		whole-system intelligence work that I referred to
4		earlier.
5	Q.	This snapshot survey having been done, whose decision
6		was it about who should know about the results of it?
7	Α.	So this is a Public Health Scotland publication, so that
8		is obviously those publications are made available to
9		Scottish Government, they're also made available on the
10		Public Health Scotland website, so they're pretty widely
11		available to people.
12	Q.	Okay, so it's just you personally weren't aware of it
13	Α.	I can't recall this being particularly drawn to my
14		attention at the time, no.
15	Q.	Had it been drawn to your attention, would it have
16		required any action, in your view, on the part of
17		Scottish Government?
18	Α.	So I think that our relationship with our NHS boards is
19		that we rely on NHS boards as far as possible to do what
20		they can in terms of the resource that they have
21		available to them, particularly trained staffing
22		resource locally, and the role of Scottish Government
23		then has to be look and see what interventions would be
24		helpful at a national level. So, as I've said, we did
25		issue guidance in March 2020 around staffing levels in
		101
1	Α.	5
2		happening with the critical care community, so through
3		our sort of direct links into the critical care
4		consultants who lead on a number of those units but also
5		through conversations with chief executives around the
6		particular pressures that their boards were facing and,
7		as I've said, nurse directors, medical directors and
8		others and, again, I think one the features about the
9		system in Scotland is that we do have good, strong
10		relationships and links into all those professional
11		groups, so there would be where there are issues
12		being highlighted, then the role of Scottish Government
13		is either to see what we can do at a national basis or
14		to try and broker an arrangement with neighbouring
15		boards around providing support.
16	Q.	Outside of the question of ratios being maintained to
17		standard, that is an ICU-trained nurse as opposed to
18		a non-ICU-trained nurse, to what extent were you aware
19		of dilution of staffing ratios, that is 1:1 becoming one
20		1:3, for example?
21	Α.	I think, for start, we were aware that that would be
22		a likely result of what we were expecting to experience
23		in terms of the numbers of patients requiring ICU, so we

- 23 in terms of the numbers of patients requiring ICU, so we
- 24 had looked at, you know, together with senior nurses and
- 25 others at what could be done, accepting that I don't

- 1 critical care, recognising that that was likely to be 2 a particular issue. We also put into place -- put in 3 place sort of national mechanisms to try to support 4 staffing. So an example would be the workforce portal, 5 where we encouraged people who had may be recently 6 retired from services to express an interest in coming 7 back to work and streamlined the process for people to be able to do that, through disclosure checks and 8 q everything else that's required. 10 We also redeployed -- we also made arrangements to 11 deploy both final year medical students and nursing students. Now I accept that they would have had limited 12 13 experience around ICU and critical care but that was 14 part of trying to make sure that we were able to 15 I suppose backfill and support areas of the hospital 16 from which those more experienced staff were being 17 drawn. 18 So, yes, we -- I think we did what we could at 19 a national level. It is and remains the situation that 20 people who work in these units are highly skilled and 21 it's very hard to create more bodies overnight. 22 Q. Given that hospitals were not reporting staffing ratio 23 data to SICSAG, how did the Scottish Government monitor 24 the extent to which the staffing ratios were being 25 maintained to standards? 102
- 1 think anyone wanted to be in a position where those 2 ratios were being diluted, but accepting there are 3 choices to be made there around whether you're able to 4 treat people or not. 5 Q. But were you receiving supports of staffing ratios being 6 diluted? 7 Α. I can't remember receiving specific -- I can't recall 8 receiving specific reports around the extent to which 9 ratios were or were not diluting. I think that relates back to your question around we didn't have a way of 10 centrally gathering that data, which is why this is just 11 12 a snapshot. 13 Q. Okay. So does it follow from that that even now you 14 don't know the extent to which staffing ratios were 15 diluted during the pandemic? A. That's correct, yes. 16 17 Q. Is there anything that can be done about that state of 18 affairs? A. Well, I suppose there's two aspects here, isn't there? 19 20 One is the collection of the data and seeking to do that 21 in a way that is minimally disruptive, but the other bit 22 is how much capacity you maintain in terms of that
- ability to scale up ICU very quickly. As I've said,
- 24 these are highly-skilled roles and also roles where, if
- 25 you're not regularly practising in that environment then 104

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8

1		your skills inevitably will degrade and so I think there	
2		is a and it's back to the questions about how we	
3		would manage a future pandemic and the extent to	
4		which some of that is dependent on us having a bit	
5		more capacity and resilience in health services than we	
6		have at the moment.	
7	Q.	Is any consideration being given to how you could	
8		collect the data in a way that was less onerous for the	
9		particular units?	
10	Α.	So we are, through a number of mechanisms, looking at	
11		how we can improve the data that we have around staffing	
12		levels in all areas of our provision. In Scotland we	
13		have the safe staffing legislation which was implemented	
14		on 1 April this year and we're also looking to roll out	
15		nationally an e-rostering system that will give boards	
16		much more granular information around the acuity of the	
17		patients they're looking after, not just in critical	
18		care units, and how that matches against staffing ratios	
19		available.	
20	Q.	Going back to the question of baseline capacity. Would	:
21		you agree that looking at the baseline position across	:
22		the whole of Scotland does not give any insight into	
23		variations across the country in terms of how well	
24		hospitals were coping with demand?	
25	Α.	Yeah, absolutely, I think that's you know, that's one 105	
		100	
1		obviously that the capacity issues linked very	
2		strongly to what we were seeing in terms of the	
3		proportion of Covid infections across the country and	
4		also links to some of the underlying demographics which	
5		differ across Scotland as well.	
6	Q.	I think you've had sight of a number of territorial	
7		health board statements providing data on the number of	
8		times between March 2020 and June 2022 that their	
9		critical care units reached 100% occupancy. The Inquiry	
10		has provided you with several of those. Have you had	
11		a chance to look at those?	
12	Α.	I have, yes.	
13	Q.	It's right to recognise that the experience of the	
14		health boards is varied, as you might imagine, and there	
15		are statements from some territorial health boards that	
16		did not report significant capacity issues. But taking	
17		just one example of a territorial health board that did	
18		so struggle, could we have on screen, please,	
19		INQ000492651.	
20		This is a statement provided on behalf of NHS	:
21		Ayrshire and Arran, so that that was the health board we	:
22		saw that high point on the graph for earlier.	:
23	Α.		:
24	Q.	And going to page 4 of this, please, under the heading	:
25		of "Data Relating to Hospital Capacity", paragraph 11	

- of the challenges of looking at national level data is that it can hide things that are going across different
- 2 that it can hide things that are going across different3 parts of the country. And as part of that whole-system
- 4 information modelling, we had the sort of national level
  - picture. But also a map of Scotland that showed the
- 6 different boards and BRAG, so black, red, amber, green,
- rated them according to a number of measures not just
  - critical care.
- 9 Q. You will have seen from figure 22 in the PHS report we
- 10 were looking at earlier, where there's a breakdown of
- 11 patients receiving level care against baseline capacity
- 12 broken down by network. Do you know the figure I'm
- 13 talking about?
- 14 A. Yeah.
- 15 Q. We can put it up on screen, it INQ000479816.
- 16 **A.** Yes.
- 17  $\,$  Q. And we can see here it's broken down with those red  $\,$
- 18 lines indicating over baseline capacity. And it's
- 19 broken down into Covid-19 cases and other cases. And we
- 20 can see at glance, can't we, that the west network
- 21 struggled far more with capacity issues than the --
- 22 certainly more than the north network and more than the
- east network. Was that something you were aware of atthe time?
- 25 **A.** Yeah, absolutely, and so we were aware of that because 106
- 1 explains that critical care services were provided by both of the board's acute receiving hospitals. 2 3 Going over the page, please. We see here 4 recorded, in this top table, level 3 critical care beds 5 and the number of times on which 100% occupancy was 6 reached. Is it your understanding that this is 100% 7 occupancy using surge capacity as well as baseline? 8 A. No, my understanding is that this is based on baseline 9 and particularly if I look at the occupancy, so it's showing that on 8 March both of the hospitals were at 10 11 100% occupancy. That was before we had really triggered 12 the full extent of the surge so this is -- my 13 understanding is this --14 Q. This is baseline? A. -- measuring against baseline yeah. 15 Q. So in that table, on my count there are nine occasions 16 17 when level 3 critical care beds in at least one hospital 18 reached 100% occupancy. Two of these occasions were in March 2020 and on one date that was the case in both 19 20 hospitals simultaneously. Five of these occasions were 21 October 2020 and the two remaining were November 2020. 22 And then in respect of level 2 care, the table 23 below, that table goes over three-and-a-half pages and 24 on my count there were 179 occasions in the relevant 25 period where level 2 critical care beds, so HDU, high 108

1		dependency unit beds, in at least one hospital reached
2		100% occupancy. And that happened on multiple occasions
3		in each month during this period save for April
4		to July 2020.
5		On 10 occasions both hospitals were in this
6		position, and on two occasions both ICU and HDU in
7		a hospital combined were at 100% occupancy.
8		What I'd like to ask, is how you, and the Scottish
9		Government more widely, were kept informed of
10		longer-term patterns like this of individual health
11		boards struggling with capacity issues?
12	Α.	Okay. So I think the first thing to recognise in
13		relation to this is, as I've said already, this is based
14		on baseline rather than the surge capacity that was put
15		in place. And also, and I think you've probably seen in
16		the statement from NHS Lothian, that it is normal for
17		our health boards to use the facilities that they've got
18		across the whole entirety of their hospital network in
19		order to manage demand particularly for level 3 and
20		level 2 beds.
21		So, there are a number of occasions when there was
22		one hospital, and I don't know whether it was University
23 24		Hospital Ayr or Crosshouse, but one of them would be
24		full but there are still facilities remaining. And the
25		other hospital is about they're about 20 minutes 109
1		
		put someone in or not, it's about whether staffing
2		ratios were being maintained, it's about the pressures
2 3		ratios were being maintained, it's about the pressures on the staff, it's about the working environment for
2 3 4	_	ratios were being maintained, it's about the pressures on the staff, it's about the working environment for those staff. So did it prompt any action like that?
2 3 4 5	А.	ratios were being maintained, it's about the pressures on the staff, it's about the working environment for those staff. So did it prompt any action like that? So we didn't have a team or an individual who went out,
2 3 4 5 6	Α.	ratios were being maintained, it's about the pressures on the staff, it's about the working environment for those staff. So did it prompt any action like that? So we didn't have a team or an individual who went out, and indeed I think we were quite thoughtful about not
2 3 4 5 6 7	Α.	ratios were being maintained, it's about the pressures on the staff, it's about the working environment for those staff. So did it prompt any action like that? So we didn't have a team or an individual who went out, and indeed I think we were quite thoughtful about not putting even more pressure on systems by arriving there,
2 3 4 5 6 7 8	A.	ratios were being maintained, it's about the pressures on the staff, it's about the working environment for those staff. So did it prompt any action like that? So we didn't have a team or an individual who went out, and indeed I think we were quite thoughtful about not putting even more pressure on systems by arriving there, but, that said, a number of the clinical advisers who
2 3 4 5 6 7 8 9	Α.	ratios were being maintained, it's about the pressures on the staff, it's about the working environment for those staff. So did it prompt any action like that? So we didn't have a team or an individual who went out, and indeed I think we were quite thoughtful about not putting even more pressure on systems by arriving there, but, that said, a number of the clinical advisers who work in Scottish Government also still do clinical
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1		apart. So that's one thing to be clear about.
2		In terms of the trend data for hospitals and,
3		indeed more broadly, so that was absolutely one of the
4		things that we were monitoring in terms of seeing
5		increases, particularly in utilisation of ICU. It's one
6		of the things that we were monitoring in the early days
7		where one of the challenges was not just staff but
8		actually having the ventilator equipment in place and we
9		were using that trend data really to assess when we had
10		new ventilator equipment arriving, where that would best
11 12		be distributed to in terms of where the highest
. –		likelihood of that being required was.
13 14		We also, when I talked about our BRAG rating, we
14		did that on a trend basis as well, so we would use that to identify whether systems were trending up in terms of
16		the amount of pressure on them or whether they were
17		level or whether they were starting to trend down.
18	Q.	When the data that was being monitored was showing
19	ч.	a particular board or particular hospitals were under
20		pressure, in that they were regularly at 100% occupancy
20		in at least one type of an ICU unit, did that prompt any
22		further investigation in relation to that particular
23		health board, for example, sending someone out to see,
24		on the ground, how the hospitals were coping?
25		Because it's not just about there being a bed to
20		110
1		good routes. And each of our boards had their branze
1		good routes. And each of our boards had their bronze,
2		silver, gold mechanisms of escalating issues within
2 3		silver, gold mechanisms of escalating issues within their own systems, including escalating to Scottish
2 3 4		silver, gold mechanisms of escalating issues within their own systems, including escalating to Scottish Government between all our regular engagement sessions.
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#### **UK Covid-19 Inquiry**

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1		a permanent increase to our baseline, and the short-life
2		working group were an expert group looked at our
3		experience through the pandemic, looked at how that had
4		played out, and it was their recommendation that 30 was
5		the number that we should seek to increase beds by and
6		that the cabinet secretary accepted that and we then
7		funded that increase so that we now have a permanent
8		funded increase in terms of that baseline capacity.
9	Q.	In the paragraphs which follow you deal with
10		implementation support for NHS health boards. Were
11		there any difficulties with the implementation of the
12		uplift plan?
13	Α.	I can't recall there being specific difficulties,
14		however I would imagine that locally there may well have
15		been challenges and delays in recruiting to staff those
16		beds. As I've said, you know, there are not spare
17		intensive care consultants particularly sitting around,
18		so there are that is about using the training
19		pipelines that we've got in order to be able to recruit
20		people and equivalent for ICU nurses, although I believe
21		that board did put in place training arrangements
22		locally as well.
23	Q.	Coming then to third wave capacity issues and response
24		to that.
25		When you gave evidence in Module 2A of this
		113
1		Covid, not necessarily in ICU but people requiring
2		hospital treatment for Covid, coupled with an increase
3		in more general presentations at A&E. We'd seen a huge
4		reduction in presentations at A&E during the early part
5		of the pandemic and we'd got a bit more back to, sort
6		of, business as usual around that. And also we had seen
7		an increase, quite a gradual increase but a sustained
8		increase, of the people who were in hospital who were
9		delayed in their discharge. So people who no longer had
10		a clinical need to be in our hospitals but whose
11		discharge had been deleved largely because they were

discharge had been delayed largely because they were
waiting on social care packages to enable them to return
generally into their home.

14 And we'd done quite a lot trying to prepare for 15 that going into the winter but I think the combination 16 of the numbers in our hospitals -- and from memory, 17 I think we were running at around about 1,000 people on 18 average -- or 1,000 beds occupied by people with Covid, 19 and then upwards of 1,500 people who actually didn't 20 need to be in hospital any longer but were delayed 21 there 22 Q. During the pandemic did you receive any reports of 23 critical care in Scotland being rationed as a result of 24 lack of capacity or resources, whether officially as 25 a policy or unofficially?

115

Inquiry, you were asked about a period in the third wave

- from September 2021 when there were higher rates of
- 3 Covid hospital admissions in Scotland, and is it right
- 4 that this was linked to the Omicron variant?
- 5 A. That's correct, yes.
- 6 **Q.** You were asked about reports during this time that
- 7 ambulances could not offload their patients when they
  - got to hospitals because A&E wards were stretched past
- 9 capacity. Do you recall there being reports of that at10 the time?
- A. Yes, yes, I do. And I think, you know, that was part of
  the process that we have in place for monitoring what's
- 13 happening in the system, so, yes, absolutely I recall
- 14 that being the case as we went into winter 2021, yeah.
- 15 Q. There had been a permanent ICU bed uplift by this point;16 is that right?
- 17 A. Yeah, that's correct. However, the pressure was not
- 18 just on ICU. So that what was preventing people from
- being moved through A&E, and therefore preventing
- 20 ambulances from discharging people, was not the
- 21 availability of critical care beds -- I can explain the
- 22 context of that --
- 23 Q. Please do.

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3

- 24 A. So the issues that we faced in winter 2021-2022 were
- 25 around a significant increase in people in hospital with 114
  - A. No.
     Q. Could we have on screen, please, INQ000477554. This is the guidance issued for the Glasgow Royal
- Infirmary respiratory unit in April 2020. Did you hear
  Professor McKay's evidence this morning?
  A. I heard some of it, yes, not all of it.
  Q. I'll take you to the key parts.
  - Going to page 8, please. And this is the section entitled "Treatment Escalation Plan and Frailty
- 9 entitled "Treatment Escalation Plan and Frailty
  10 Assessment", and under the heading there is this
  11 guidance:
- 12 "The main complication of COVID-19 disease is
  13 hypoxaemic respiratory failure and it is likely that
  14 there will be many patients requiring oxygen some of
  15 whom may be considered for increased support such as
  16 CPAP or intubation with mechanical ventilation. Due
- 17 to the sheer numbers expected, the aim is to establish
- 18 which patients are for further escalation or not at
- an early stage of their admission, ideally onadmission."
- 21Do you read this as implying that it might not be22possible to escalate treatment for all patients due to23the sheer numbers anticipated in the respiratory unit?
- 24 A. I suppose that -- yeah, that could be an interpretation
- 25 on this. I think as well that having these arrangements 116

# UK Covid-19 Inquiry

1		in place are pretty much what we you know, what our	1
2		clinicians do every day because being mechanically	2
3		ventilated is not the best option for all people and	3
4		obviously the earlier you can have those conversations	4
5		the better. So I think I did hear from the evidence	5
6		earlier this morning that maybe calling this	6
7		a Covid-19-specific plan wasn't the best title for it,	7
8		but yeah.	8
9		So, clearly we were I think, based on what had	9
10		been happening in Italy, we were expecting very	10
11		significant numbers. As you have seen from the data	11
12		earlier, we didn't get to the point in Scotland where we	12
13	_	breached our surge capacity.	13
14	Q.		14
15		whether patients were for further escalation or not at	15
16		an early stage and ideally on admission and, further	16
17		down, that the decision-making on this should be	17
18		informed by an "objective assessment" of the patient's	18
19		"overall frailty".	19
20		And that's the last sentence in that paragraph.	20
21		Going then, please, to page 34. This is the start	21
22		of the GRI emergency department suspected Covid-19	22
23		treatment proforma.	23
24 25		Then on page 37, there's a section of the proforma	24
25		dealing with the Covid treatment escalation plan, the 117	25
4			
1		is a requirement in that first paragraph we looked at,	1
2		to be considering overall frailty and this is provided	2
3		right next to the proforma but without any further	3
4 5		guidance. Given that this was called a Covid-19	4 5
6			5
7		escalation treatment escalation plan, and reference had been made to the sheer number of patients that were	0 7
8		expected, do you have any concerns about the guidance in	8
8 9		its totality?	8 9
10	Α.	So, I'm not a clinician so	10
11		<b>DY HALLETT:</b> I was about to say that, Ms Lamb.	10
12		I'm not sure it's a fair question, I'm afraid,	12
13		Ms Price, I'm sorry.	13
14	MS	PRICE: My Lady, understood.	10
15		There is here guidance that's been given by	15
16		a particular health board. It's right, isn't it, that	16
17		there was no national guidance issued to health boards	17
18		in Scotland on escalation of care and clinical	18
19		prioritisation? Is that right?	19
20	Α.		20
21	Q.	-	20
22		until January 2021, so you may not able to speak to the	22
23		first wave considerations, was there any discussion at	23
24		Scottish Government level after you became DGHSC about	24
25		whether there should be national guidance in Scotland on	25
-		119	_*

nquir	у	14 November 2024
1		emergency department decision. So that earlier stage.
2		And the four options there for level of suitable
3		escalation are: ITU referral, HDU referral, active ward
4		based care, and comfort care, and we heard from
5		Professor McKay earlier for comfort care two senior
6		decision-makers had to agree that and we see that
7		underlined there.
8		Underneath that there is a box for communication
9		and you've heard the evidence about that that there was
10		a requirement to record whether the plan had been
11		discussed with the patient or family.
12		And then going to page 42, please. This appears
13		to be the treatment escalation plan to be completed on
14		admission to the unit as opposed to at the emergency
15		department. And the long box about a third of the way
16		down there says "Covid classification and escalation
17		plan", and then there are two options "For escalation",
18		including "Diagnostic/Prognostic Uncertainty. Review
19		escalation daily over the first phase of episode."
20		Then the other option, "Ward level ceiling of
21		care".
22		Then the page after this in the guidance is the
23		Clinical Frailty Scale and this scores patients 1 to 9.
24		There's no guidance of how this frailty score should
25		inform decision-making about escalation of care. There
		118
1	-	escalation of care and clinical prioritisation?
2	Α.	I can't recall there being any discussion about whether
3		we should produce or any intention to produce national
4		guidance on escalation, no.
5	Q.	Does it follow that you didn't receive any reports that
6		there were health boards specifically requesting that?
7	Α.	I certainly wasn't aware that any health boards were
8		looking for that national guidance and I think our view
9		would generally be that actually it's the clinicians on
10		the ground who are best placed to actually make those
11		decisions based on the individual circumstances and,
12		you know, and the wishes of the people they have in
13		front of them.
14	Q.	Turning, please, to the role and performance of NHS 24
15		and the response to ambulance capacity issues.
16		In December 2020 there was a redesign of urgent
17		care pathways which saw NHS 24 go from being
18		an out-of-hours service to a 24/7 service. Can you
19		explain the reason behind that change, please, and the
20		aim of the programme?
21	Α.	Yes, so our programme to redesign urgent care, actually
22		the thinking around that pre-dated the pandemic and was
23		based on some work we'd done to look at how urgent and
24		unscheduled care was managed in other countries,

particularly in Scandinavia where a number of countries 

1 have a process of where blue light systems still operate 2 but, actually, rather than individuals self-presenting 3 to accident and emergency departments, you phone 4 a number and then you can get appointed into be seen. 5 And we so we'd been looking at that. 6 With the pandemic and with the need to try and, as 7 far as possible, keep people away from our accident and 8 emergency departments, both in terms of managing 9 pressures and often, very often people who present at 10 A&E, there are other routes through which they could be 11 seen, but also trying to avoid overcrowding that would 12 potentially expose people to risk, we accelerated the 13 implementation of that programme. So we worked through 14 all the pathways with NHS 24, as you said, taking the 15 key role in terms of providing triage both in-hours and 16 out-of-hours having moved from predominantly being an 17 out-of-hours service previously, and also setting up 18 what we call flow navigation centres in each of our NHS 19 board areas. 20 That was a process that was tested first in one of 21 our NHS boards and then rolled out to all of them. And 22 the idea there being that, and it was accompanied by 23 quite a large public information campaign around right 24 place and right time for the right care, and that was 25 about encouraging people rather than presenting 121 1 successful was it, this change, in achieving this? 2 A. So we think that it has been extremely successful. We 3 have, I think on average, we're looking -- we've got 4 a reduction of around 10% in those presenting. It's 5 always very hard to say whether you can attribute 6 a change to being one bit of a shift in the system, but 7 we have seen a reduction in the number of people 8 self-presenting, and that's coupled with other changes 9 as well. 10 So we also, the ambulance service have introduced 11 a call before you convey, so that the ambulance services 12 also, through having that access to senior clinical 13 decision-makers, been able to reduce the number of 14 people that they're conveying to A&E as well. 15 So -- and we're continuing -- that's a programme

16 of work that we're continuing to promote, that we're 17 continuing to look for improvements and continuing to 18 develop the way in which we approach that. 19 Looking at NHS 24 performance against targets, could we Q. go, please, to page 191 of the longer statement. 20 21 And this is a table produced by you in your 22 statement setting out performance for April 2020 23 to March 2021 and April 2021 to March 2022. And the 24 target for percentage of calls responded to in under 25 five minutes, we can see four rows down, there we are in

- themselves to A&E, to first of all phone NHS 24 and to,
- 2 providing it wasn't an immediately life-threatening
- 3 situation and to get advice on what other options might
- 4 be available. So that might include getting reassurance
- 5 that they could wait and maybe present either at their
- 6 pharmacist or GP. It might include being appointed into
- 7 a minor injuries unit. Or it might mean being put
- 8 through to the flow navigation centre where there would
- 9 be senior clinicians who were able to advise and
- 10 sometimes appoint people into A&E so that we were able
- 11 to manage that flow of people through A&E and therefore
- 12 deal with some of the social distancing requirements in
- 13 a far easier way.
- 14 LADY HALLETT: For those of you who don't know, NHS 24 in
- 15 Scotland is equivalent of 111?
- 16 A. Yes, that's correct.
- 17 MS PRICE: Written evidence from NHS 24 received by
- 18 the Inquiry suggests NHS 24's additional workforce
- 19 requirements equated to a 43% increase in staff and that
- 20 around 2 million patients had accessed this pathway
- 21 since it was launched. So this was a significant
- 22 operational change for NHS 24, wasn't it?
- 23 A. Yes, it was very significant for them.
- 24 **Q.** And the intention behind it was, as you've said, to
- 25 reduce emergency department self-presentation. How 122

1		blue, the target, three columns in from the left, at
-		
2		50%. And in '20 to '21, we have only 38.4% of calls
3		being answered in this time. And the following year,
4		25.9%.
5		The target for percentage of calls abandoned after
6		five minutes was up to 10%, so that's the row beneath
7		there, and in 2021 2020 to 2021, 13.7% of calls were
8		abandoned in the time frame. And '21 to '22, it was
9		15.1% of calls.
10		Are these performance results reflective of NHS 24
11		being unable to cope with the very quick significant
12		increase in demand which resulted from the pathway
13		redesign or is it explained in another way?
14	Α.	So if you look at the performance statistics for the
15		first period, so April '20 to March '21, that's the
16		period in which we first implemented the redesign of
17		urgent unscheduled care, and whilst a couple of the
18		indicators aren't where we or NHS 24 would want them to
19		be, they are obviously more positive then when you look
20		at the following year.
21		So the following year, '21 to '22, that reflects
22		the period when we had the Omicron wave and as
23		I've said, services were under we had more people in
24		hospital with Covid than we'd seen at any point at all
25		and that was reflected in the number of calls that 124

1		NHS 24 were receiving as well. So I think that was	1		Paul Bassett again. He deals in this paragraph with
2		really challenging for them.	2		staffing difficulties from early summer 2021, and he
3		What I would say is that, I think, one of the	3		says:
4		other statistics which is green, is the one just above	4		"In early summer 2021 coverage of shifts beca
5		there, so the care delivered at first point of contact,	5		more challenging due to the compounding effect of
6		and that is important because we had shifted with NHS 24	6		a return to pre-pandemic sickness absence levels whi
7		from a performance indicator that was about how fast	7		Covid-19 absence remained. This coincided with
8		they answered the phone, so looking for them to respond	8		an increase in demand and wider system pressures
9		to calls much more quickly, but what happened then was	9		across Scotland, for example increased hospital
10		they would answer the phone but then they would arrange	10		turnaround times. Throughout Covid the Service use
11		for somebody to get a call back and so that's not	11		various levels of escalation to ensure that despite
12		particularly efficient or, indeed, very person-centred.	12		high levels of staff absence, high levels of demand,
13		If somebody is phoning up then I think they want to be	13		and increasing wider system pressures, it prioritised
14		able to understand what they should do next.	14		the resources it could generate to the sickest
15		So that measure there, about care delivered at	15		patients. And so, although it would be correct to say
16		first point of contact is really important because what	16		that there were no occasions when there were
17		that is, is that people are maybe waiting a bit longer	17		insufficient staff to meet demands on the Service that
18		than they would like to get the phone answered but once	18		was only due the levels of escalation that were put in
19		they are through and talking to somebody that person is	19		place to prioritise demand and the additional support
20		able to deal with their question at first point rather	20		received from the Military, Scottish Fire and Rescue,
21		than them having to wait on a call back.	21		and British Red Cross. It was also not without risk
22	Q.	Turning please to ambulance capacity issues.	22		to lower acuity patients."
23		Could we have on screen, please, page 18 of	23		How was the Scottish Government monitoring t
24		INQ000335968.	24		impact of pressures on the Scottish Ambulance Service
25		It's paragraph 69, and this is the statement of 125	25		and what steps were taken to support the SAS to mee 126
1		demand?	1		of those features, we had funded the ambulance servi
2	Α.	So we monitor the performance of the ambulance service	2		to provide additional hospital liaison officers, so
3		through the statistics that they return to us. I think	3		people who work with the hospitals to try to support
4		probably at this period we were on daily statistics.	4		those hospitals to be able to take folk from ambulance
5		We're I think we're on weekly statistics now. So	5		But we'd also, working with local government
6		we're monitoring their response times, but also things	6		colleagues and as part of our winter plan for 2021, ha
7		like ambulance hospital turnaround times, because	7		provided an additional investment into social care for
8		clearly that's really important in terms of freeing up	8		more care at home packages, for more step-down
9		ambulances. So we were able to monitor all of that.	9		facilities, where people maybe go to a care home for
10		We had gone into that period having had	10		a short period before being able to go home, and for
11		discussions with the Scottish Ambulance Service about	11		more multidisciplinary teams to carry out the
12		what further resources they needed and what further	12		assessments of those in hospital.
13		funding they needed in order to be able to extend their	13		So I think we were trying to support both that
14		capacity.	14		increase in resource that the ambulance service had
15		There's a reference there to the military response	15		identified that they needed, but also some of the
16		there, so Scottish Government would have been involved	16		underlying issues that were creating congestion for the
17		in putting in the official request for what's called	17		in terms of how they run their service.
18		a MACA, the request for military assistance.	18	Q.	You refer in your statement to the role of the Covid-19
19		And in terms of hospital turnaround times, as	19		helpline, the national Covid-19 helpline, Covid-19 hub
20		I've explained earlier, the times that hospitals	20		and community assessment centres in primary care in
21		being unable to move people out sorry, ambulances	21		reducing referrals to hospitals. You also refer to the
22		being unable to move people into hospitals was all	22		launch by the SAS in 2022 of the Integrated Clinical
23		aggravated by the sheer occupancy levels in hospitals,	23		Hub. How effective were these initiatives in reducing
24		some of which was driven by Covid and some of which was	24		pressure on emergency departments, and what lesso
25		driven by delayed discharges. And in relation to both 127	25		been learned from their use? 128

1		Faul Dassell again. The deals in this paragraph with
2		staffing difficulties from early summer 2021, and he
3		says:
4		"In early summer 2021 coverage of shifts became
5		more challenging due to the compounding effect of
6		a return to pre-pandemic sickness absence levels while
7		Covid-19 absence remained. This coincided with
8		an increase in demand and wider system pressures
9		across Scotland, for example increased hospital
10		turnaround times. Throughout Covid the Service used
11		various levels of escalation to ensure that despite
12		high levels of staff absence, high levels of demand,
13		and increasing wider system pressures, it prioritised
14		the resources it could generate to the sickest
15		patients. And so, although it would be correct to say
16		that there were no occasions when there were
17		insufficient staff to meet demands on the Service that
18		was only due the levels of escalation that were put in
19		place to prioritise demand and the additional support
20		received from the Military, Scottish Fire and Rescue,
21		and British Red Cross. It was also not without risk
22		to lower acuity patients."
23		How was the Scottish Government monitoring the
24		impact of pressures on the Scottish Ambulance Service
25		and what steps were taken to support the SAS to meet
		126
1		of those features, we had funded the ambulance service
2		to provide additional hospital liaison officers, so
3		people who work with the hospitals to try to support
4		those hospitals to be able to take folk from ambulances.
5		But we'd also, working with local government
6		colleagues and as part of our winter plan for 2021, had
7		provided an additional investment into social care for
8		more care at home packages, for more step-down
9		facilities, where people maybe go to a care home for
10		a short period before being able to go home, and for
11		more multidisciplinary teams to carry out the
12		assessments of those in hospital.
13		So I think we were trying to support both that
14		increase in resource that the ambulance service had
15		identified that they needed, but also some of the
16		underlying issues that were creating congestion for them
17		in terms of how they run their service.
18	Q.	You refer in your statement to the role of the Covid-19
19		helpline, the national Covid-19 helpline, Covid-19 hubs,
20		and community assessment centres in primary care in
21		reducing referrals to hospitals. You also refer to the
22		launch by the SAS in 2022 of the Integrated Clinical
23		Hub. How effective were these initiatives in reducing
24		pressure on emergency departments, and what lessons have
25		been learned from their use?
		128

This is Paul Bassett's statement again. Looking

1	^	So I think I've already really sovered that piece around	1	
1 2	Α.	So I think I've already really covered that piece around trying to reduce the number of people self-presenting at	2	
2		A&E through offering other routes through which	2	
4		people	4	
5	Q.	And these are the other routes?	5	
6	α. Α.	can access services yeah, but the one that's	6	
7	7.0	the one I maybe haven't covered so much is the ambulance	7	
8		hubs. And I sort of touched on those earlier. So	8	
9		that was an initiative from the ambulance service to	9	
10		ensure that ambulance crews have access to expert	10	
11		clinical advice and support, and it's that that has	11	
12		enabled them to reduce I think we're on about 50% of	12	
13		call-outs now don't get conveyed into A&E departments	13	
14		because the paramedics and the crews are able to deal	14	
15		with the patients in their own homes and to, you know,	15	
16		provide support for them, but also link them into local	16	
17		community services.	17	
18		And I think that's been a hugely valuable piece of	18	
19		work and one that we continue to pursue in terms of	19	
20		identifying whether there are other opportunities.	20	
21		As far as possible we need to try to keep people	21	
22		who don't need to be in hospital away from our acute	22	
23		hospitals.	23	
24	Q.	Could we have on screen, please, INQ000335968, page 19,	24	
25		please.	25	
		129		
1		Government to legislative or policy changes which might	1	
2		have allowed for the use of private ambulances to help	2	A
3		meet demand on the Scottish Ambulance Service during the	3	¢
4		pandemic?	4	
5	Α.	Yes. So Healthcare Improvement Scotland are responsible	5	
6		in Scotland for the regulation of private clinics, as	6	
7		an example. They do not currently regulate they're	7	
8		not regulated for private ambulances. My understanding	8	
9		is there is now provision for that in legislation but	9	
10		that hasn't yet been implemented and it is one of the	10	
11		things that we will look at in 2025/2026 in terms of the	11	
12		relative priority of starting to regulate and therefore	12	
13		be in a position for NHS services to access private	13	A
14		ambulances should that be required.	14	
15		I think though, as I've said, I think our actions	15	
16		in relation to pressures on ambulances has been more	16	
17		about trying to address the root causes of those	17	
18		pressures, particularly those turnaround times at our	18	
19		hospital front doors, rather than looking to, you know,	19	
20		maybe including unregulated providers in that provision.	20	
21	Q.	Coming now, please, to Long Covid. You explain in your	21	
22		shorter statement that, following a funding call from	22	
23		the Chief Scientist Office in October 2020, nine	23	
24 25		Long Covid research projects were funded with a total funding commitment of £2.5 million. Was that Scottish	24 25	,
20		131	20	G
		· - ·		

at paragraph 73 he says: "One area which offered a potential pool of additional resource was private ambulance providers. Recognising the potential impact on service depend, the SAS undertook a voluntary review of private providers that indicated they would be willing to support the NHS if required. This review was conducted by a senior manager and primarily based upon the ... (CQC) Standards as laid down in England." And he goes on that: "However, Scotland does not have a legislative framework in place for the regulation of private ambulance providers. Consequently, there is no formal agreed governance mechanism by which NHS Scotland Health Boards, the SAS included, can be assured of the standard that private ambulance providers meet. This includes not only clinical standards, but also matters relating to financial probity, vetting ..." Et cetera. "75. The SAS therefore does not ordinarily contract the services of private providers. There were limited circumstances in which third sector organisations ... were asked to provide support ..." Was any consideration given by the Scottish 130 Government funding? A. Yes, it was, yeah. Q. You say that in July 2021, the Scottish Government commissioned NHS National Services Scotland to conduct a mapping exercise of NHS boards to identify how services were being delivered across Scotland to support people with Long Covid. The need for a clinical guideline for Long Covid had been identified back in September 2020, and there was a guideline in place, a clinical guideline, by December 2020. Can you help with why a mapping exercise didn't take place sooner than July 2021? A. So I think what's important to recognise is that the clinical guidance was issued in December 2020 but then that was followed up by an implementation support note which I think was issued in May 2021. So that was really about providing boards with support and information based on the best evidence that there was around Long Covid at that point. So, after having issued that implementation support guidance that was felt appropriate to actually then ask NSS to do the mapping and to identify how

- boards were in fact providing support to people with
- 24 Long Covid.
- 25 **Q.** In September 2021, the Scottish Government introduced 132

1		a centrally funded Long Covid service in Scotland; is	1
2		that right?	2
3	Α.	That's correct, yes.	3
4	Q.	Could we have on screen, please, INQ000421758, page 13.	4
5		This is the expert report of Professor Brightling	5
6		and Dr Evans on the treatment of Long Covid. And there	6
7		is this observation at paragraph 28:	7
8		"The provision of Long Covid services in	8
9		Scotland was left to the discretion of health boards	9
10		for the first 18 months of the pandemic and therefore	10
11		there was variation in access and quality."	11
12		Was it not foreseeable that leaving the provision	12
13		of Long Covid services to the discretion of the health	13
14		boards was likely to lead to a variation in access and	14
15		quality?	15
16	Α.	So I suppose yes, but yes, but. And the "but" is	16
17		that our health boards operate in very different	17
18		geographical areas with very different local	18
19		demographics, that range from really big urban settings	19
20		to very small island settings. And therefore and	20
21		I think the NICE and SIGN guidance issued	21
22		in December 2020 recognised that there isn't	22
23		a one-size-fits-all in relation to Long Covid provision	23
24 25		and that it was really important we felt it was	24
25		really important, therefore, that health boards be in 133	25
1	Α.	So it relates to the period prior to September 2021.	1
2		I think the provision in question was in NHC Toyoids	
		I think the provision in question was in NHS Tayside,	2
3		and so NHS Tayside had set up their Long Covid service	2 3
3 4			
		and so NHS Tayside had set up their Long Covid service	3
4		and so NHS Tayside had set up their Long Covid service and they then I don't have any data around the demand	3 4
4 5		and so NHS Tayside had set up their Long Covid service and they then I don't have any data around the demand for that. But what did become clear to them was that	3 4 5
4 5 6		and so NHS Tayside had set up their Long Covid service and they then I don't have any data around the demand for that. But what did become clear to them was that they needed to work more closely with their health and	3 4 5 6
4 5 6 7		and so NHS Tayside had set up their Long Covid service and they then I don't have any data around the demand for that. But what did become clear to them was that they needed to work more closely with their health and social care partnerships to ensure that they were making	3 4 5 6 7
4 5 6 7 8		and so NHS Tayside had set up their Long Covid service and they then I don't have any data around the demand for that. But what did become clear to them was that they needed to work more closely with their health and social care partnerships to ensure that they were making best use of services available in the community and	3 4 5 6 7 8
4 5 6 7 8 9		and so NHS Tayside had set up their Long Covid service and they then I don't have any data around the demand for that. But what did become clear to them was that they needed to work more closely with their health and social care partnerships to ensure that they were making best use of services available in the community and therefore they, you know, they reworked the way in which	3 4 5 6 7 8 9
4 5 7 8 9		and so NHS Tayside had set up their Long Covid service and they then I don't have any data around the demand for that. But what did become clear to them was that they needed to work more closely with their health and social care partnerships to ensure that they were making best use of services available in the community and therefore they, you know, they reworked the way in which they were providing services.	3 4 5 6 7 8 9 10
4 5 7 8 9 10 11		and so NHS Tayside had set up their Long Covid service and they then I don't have any data around the demand for that. But what did become clear to them was that they needed to work more closely with their health and social care partnerships to ensure that they were making best use of services available in the community and therefore they, you know, they reworked the way in which they were providing services. So although, in one approach, the service stopped,	3 4 5 6 7 8 9 10 11
4 5 7 8 9 10 11 12	Q.	and so NHS Tayside had set up their Long Covid service and they then I don't have any data around the demand for that. But what did become clear to them was that they needed to work more closely with their health and social care partnerships to ensure that they were making best use of services available in the community and therefore they, you know, they reworked the way in which they were providing services. So although, in one approach, the service stopped, they actually set up other approaches to the service and	3 4 5 6 7 8 9 10 11
4 5 7 8 9 10 11 12 13	Q.	and so NHS Tayside had set up their Long Covid service and they then I don't have any data around the demand for that. But what did become clear to them was that they needed to work more closely with their health and social care partnerships to ensure that they were making best use of services available in the community and therefore they, you know, they reworked the way in which they were providing services. So although, in one approach, the service stopped, they actually set up other approaches to the service and that then became part of that funded provision.	3 4 5 6 7 8 9 10 11 12 13
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1		a position to work with their local partners, because,
2		you know, a lot of these services need to be provided in
3		the community, and that's where some of our health and
4		social care partnerships and the way in which
5		integration works in Scotland comes into play as well.
6		So it was important for local systems to look to see
7		what would be the best way of providing those services
8		for them. I think after the work that was commissioned
9		from NSS, it was recognised that some central funding
10		would assist the boards in providing those services and
11		that funding has continued and we've confirmed to boards
12		that that funding will continue as well.
13	Q.	Paragraph 29 below says that:
14	α.	"A report funded by the Scottish Government Chief
14		
		Scientist Office up to July 2022 indicated that once the
16		public became aware of the one of the Long Covid
17		services they were unable to meet demand and the service
18		closed after 18 months due to a lack of funding, with
19		the waiting list distributed to local community
20		rehabilitation teams."
21		Can you help, please, with whether this report of
22		the clinic being unable to cope with the level of
23		referrals once it was set up related to the period prior
24		to September 2021, that is prior to the introduction of
25		centrally funded services, or after?
		134
1		that up, and I think that became operational
1		that up, and I think that became operational
2	0	in March 2022.
2 3	Q.	in March 2022. Can you help with why that was not established sooner?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Α.	in March 2022. Can you help with why that was not established sooner? Was it simply a case of building on the work of what had gone before or do you think there was a delay? I think it was a case of building on the work that had gone before and also ensuring that we had well, we had the NSS and the strategic network would have the best possible chance of success by ensuring that we had buy-in from all the NHS boards, which is the key part of actually having that process agreed by all the NHS board chief executives in one of their regular meetings. Could we have on screen, please, INQ000510079. This is a response from the Minister for Public Health and Women's Health in Scotland to the Convener of the Covid-19 Recovery Committee, following recommendations that it had made. It's dated 16 June 2023. Going, please, to page 10. Point 173, in the column on the left, from the committee was that: "The Committee notes the evidence on the need for Long COVID clinical pathways across all health boards and is disappointed to hear that, to date, only six health boards have these in place and two more were
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Α.	in March 2022. Can you help with why that was not established sooner? Was it simply a case of building on the work of what had gone before or do you think there was a delay? I think it was a case of building on the work that had gone before and also ensuring that we had well, we had the NSS and the strategic network would have the best possible chance of success by ensuring that we had buy-in from all the NHS boards, which is the key part of actually having that process agreed by all the NHS board chief executives in one of their regular meetings. Could we have on screen, please, INQ000510079. This is a response from the Minister for Public Health and Women's Health in Scotland to the Convener of the Covid-19 Recovery Committee, following recommendations that it had made. It's dated 16 June 2023. Going, please, to page 10. Point 173, in the column on the left, from the committee was that: "The Committee notes the evidence on the need for Long COVID clinical pathways across all health boards and is disappointed to hear that, to date, only six

a position to work with their local partners, because,

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1		The Committee recommends that the Scottish Government	1
2		works with the National Strategic Network on	2
3		implementing Long COVID pathways across all territorial	3
4		health boards in Scotland."	4
5 6		And then the response to the right was that: "At present"	5 6
0 7		The second paragraph there, in June 2023:	7
, 8		" 9 Boards have Long COVID pathways in	8
9		operation, and 5 remain in development."	9
10		It was noted that where pathways are in	10
11		development people with Long Covid could receive	11
12		assessment and input from existing services based on	12
13		their symptoms and needs.	13
14		Were you aware that this was the position in	14
15		June 2023?	15
16	Α.	Yes, I was, yes.	16
17	Q.	Has there been a delay in creating dedicated pathways	17
18		for Long Covid?	18
19	Α.	I think that there has been I think that certainly	19
20		those dedicated pathways have been maybe more complex to	20
21		set up, given the range of physical and mental symptoms	21
22		that can present as part of Long Covid. I am pleased	22
23		that we can confirm that all 14 territorial boards now	23
24		have those pathways in place and operational but and	24
25		yes, ideally I would have liked to have seen that happen	25
		137	
1		My working assumption would be, again, around the	1
2		complexity of understanding what the differences are in	2
3		presentations around children and young people and also	3
4		putting in place appropriate mechanisms to ensure that	4
5		there is proper paediatric assessment as well, so things	5
6		aren't being missed to an assumption this is	6
7		a Long Covid issue.	7
8	Q.	Moving to data collection on Long Covid.	8
9		Could we have on screen, please, INQ000468127.	9
10		This is a research project briefing from the Chief	10
11		Scientist Office from the last quarter of 2023. It	11
12		deals with deriving and validating a risk prediction	12
13		model for Long Covid. And one of the key findings,	13
14		the second bullet point under "part 1" was that:	14
15		"Clinical codes for Long Covid were rarely	15
16		recorded in health records."	16
17		You've seen, I think, the letter that the CMO in	17
18		Scotland wrote to NHS health boards in February 2022	18
19 20		making the strong recommendation that local primary care teams use these codes to enable development of a better	19 20
20 21		understanding of prevalence over time and to inform the	20 21
21		approach to supporting people with Long Covid. Given	21
22		that that letter had gone out in February 2023	22
23 24		apologies, February 2022, why, in your view, was there	23
25		still a problem with the use of clinical coding at this	25
-		139	_0

quir	у	14 November 2024
1		more quickly.
2	Q.	Going, please, to page 14, point 226. In relation to
3		comments about the National Strategic Network's
4		workstream on children and young people, the response in
5		the right-hand column was that:
6		"The Strategic Network's Children and Young
7		People Group has been established and met for the
8		first time on 17 April 2023. The group's membership
9		includes lived experience representatives from
10		Long Covid Scotland and Long Covid Kids. The group
11		will continue to meet as part of the overall
12		governance structure of the network, and the
13		publication of a pathway for children and young people
14		is in the network delivery plan for September 2023."
15		Do you consider that there was a delay in the
16		setting up of a children and young people's group and,
17		if so, to what do you attribute that delay?
18	Α.	So I would recognise that, given that the work was
19 20		that work was already underway in relation to Long Covid
20 21		more generally, that, yes, it does seem like there should have been work that was ongoing on that prior
21		to April 2023.
22		I don't know exactly why there was that delay.
24		I know that the pathway for children and young people
25		has now been published.
		138
1		point being reported on in the last quarter of 2023?
2	Α.	So my recollection of the CMO letter was that was
3		addressed to primary care and that really, I suppose,
4		the first point of recording Long Covid is by GPs, in
5		primary care systems. We have GPs use two different
6		sorts of primary care systems in Scotland, and I think
7		an ongoing challenge for us is to ensure that across,
8		I think, close to 1,000 GP practices that there is
9		a consistent approach and understanding to the way in
10		which codes are used in those systems.
11		So the letter from the CMO, I think was to
12 13		encourage all primary care practitioners to ensure that their staff were aware of those codes and who knew how
13		to appropriately use them. We continue to work with
14		primary care to improve the quality of that data
16		collection and data consistency.
17	Q.	It's important, isn't it, because it is difficult to
18	٠.	give an accurate assessment of prevalence and severity
19		of Long Covid in the absence of that data. Is it
20		something that is a priority for the Scottish
21		Government?
22	Α.	So yes, there are a number of areas where we're working
23		with GP practices to try and improve both the accuracy
04		. For a surface of the second state of the second in the second state of the second st

- of recording and the consistency of recording because to 4
- 5 get a national picture you need the data to be recorded 140

y.	1		with a novel virus, is work being done on what could be
with partners on this.	2		put in place to monitor the longer-term effects from the
	3		outset?
lly?	4	Α.	So I think that's very difficult until you know what
r improvement in data, of the	5		those what the implications are of that virus are.
s will be one of the	6		This is one of the challenges in trying to second-guess
e of work is looking at. At	7		what a new virus might present us with. I think it's
nis does rely on	8		a bit of trap we fell into in terms of planning for
trained at a very local	9		an influenza pandemic and then what we got was something
	10		different. What we need is to have flexibility and
ssons learned in relation	11		capacity within our systems to be able to respond
dence of the CMO for	12		agilely to what is sent us. And to be honest, that's
or future pandemic	13		quite hard at the moment because the system is still
veillance mechanisms should be	14		under really immense pressure.
ne pathogens but also the	15	Q.	And just having taken you away from data, presumably the
pathogens to enable	16		accuracy of data recording in general terms is important
urces in the longer term.	17		to monitoring of any sort of
	18		Absolutely, yes.
yes.	19	Q.	Was the potential for longer-term health consequences of
t the moment?	20		Covid-19 given adequate consideration by the Scottish
working with primary care	21		Government and the NHS in Scotland in your view?
e the quality and	22	Α.	I think that certainly clinicians and others were
	23		signalling the potential for longer-term implications.
e data, for a second, and	24		My understanding I think that during quite early,
there be another situation	25		I think August 2020, the Cabinet Secretary was asked to
			142
a framework for we weren't	1	мs	PRICE: Thank you, my Lady.
ovid then, but the	2	1010	I'd like to move, please, to shielding and the
to look at post-Covid	3		Highest Risk List. At paragraph 873 of your statement,
include people who'd	4		in case it helps you to refer, you describe findings of
re during Covid but also	5		a PHS evaluation of the shielding programme between
en so ill as to require	6		March to July 2020. A key finding was that in terms of
had were demonstrating	7		wider lessons learned for future pandemic planning
y be cardiovascular,	8		a repeat of the shielding programme in its initial
psychological, a whole	9		format is not recommended. The principle of protecting
poyonological, a whole	10		those at higher risk remains valued.
the possibility that that	10		Is work ongoing now to consider how those at
that we looked at but this	12		higher risk might be protected in a future pandemic?
people were still learning	13	Α.	So I think the things that we learnt from the work that
ations would be.	14	Λ.	was done around shielding, I think the PHS research also
me to the end of one topic.	15		concluded that there were lots of good things around
moment for the afternoon	16		standing up support for people really quickly in terms
	17		of groceries and medications and other things like that,
turn at 3.10.	18		but I think, and I think the Chief Medical Officer
Il finish your evidence	10		indicated this, that maybe a blanket approach is not the
	20		most helpful one and I think in the future, and again
	20		this entirely depends what sort of future pandemic we
	21		have, and who are the most vulnerable in relation to
break)	22		that, but I think that the way in which we move towards
	23		more of a person-centred approach and trying to ensure
	25		that people had enough information to be able to make
	20		144

1 in the same fields consistently

- 2 Q. And you say you're working wi
- 3 Α. Yes.
- 4 Q. What is being done specifically
- 5 A. So we have a programme for
- 6 data in primary care, and this
- 7 elements that that programme
- 8 the end of the day, though, thi
- 9 individuals being skilled and tr
- 10 level.
- 11 Q. In terms of reflections and less
- to Long Covid, it was the evide 12
- 13 Scotland to this Inquiry that fo
- 14 preparedness, adequate surve
- 15 in place monitoring not just the
- 16 longer-term effects of those pa
- 17 planning for healthcare resour
- 18 Do you agree with that?
- 19 A. Yes, I would agree with that, y
- 20 Q. Is work being done on that at
- 21 So as I've explained, we are w Α. 22 and others to try and improve
- 23 consistency of our data.
- 24 Forgive me. Setting aside the Q.
- 25 just concentrating on should the 141

1	approve the development of a framework for we weren't
2	using the expression Long Covid then, but the
3	development of a framework to look at post-Covid
4	rehabilitation and that would include people who'd
5	perhaps been in intensive care during Covid but also
6	people who maybe hadn't been so ill as to require
7	intensive ventilation but who had were demonstrating
8	other symptoms whether they be cardiovascular,
9	pulmonary, musculoskeletal, psychological, a whole
10	range.
11	I think we were alert to the possibility that that
12	would need to be something that we looked at but this
13	was a novel virus and I think people were still learning
14	about exactly what the implications would be.
15	<b>MS PRICE:</b> My Lady, that brings me to the end of one topic.
16	Might that be an appropriate moment for the afternoon
17	break, please?
18	LADY HALLETT: Yes. I shall return at 3.10.
19	I promise you, we shall finish your evidence
20	today.
21	THE WITNESS: Thank you.
22	(2.55 pm)
23	(A short break)
24	(3.10 pm)
25	LADY HALLETT: Ms Price.



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1		their own decisions around their level of risk, I think	1		I think one of the things that's quite difficult
2		that would be important.	2		for us is that not now having that same contact with
3		I think the other thing we absolutely need to do	3		that group and so not being clear about what some of the
4		is think much earlier around the supporting people's	4		ongoing issues might be.
5		mental welfare. So if people are choosing or being	5	Q.	Before we come on to that, the PHS evaluation gave rise
6		asked to shield then that's quite it is quite	6		to a recommendation that future programmes consider more
7		isolating, I think it's very difficult, and the research	7		fully the risk of Covid-19 infection during a hospital
8		also indicated for some people it was really challenging	8		admission and the support needs of the wider shielding
9		to be able to do that. So I think we'd want to put in	9		household. What steps had been taken in relation to
10		more support earlier.	10		those two specific recommendations, so taking the first,
11		We also I mean, we relied on digital or	11		the need to protect at risk groups from nosocomial
12		semi-digital messages, text messages and things like	12		infection? And more generally, that they can access
13		that, so I think we need to make sure we're not	13		healthcare without fear of nosocomial infection?
14		excluding people from participating.	14	Α.	So I think I would need to come back to you on that one
15		We did try, through our "connected" programme, to	15		in terms of we have taken measures around and,
16		make sure that people had access to digital devices but	16		obviously, and we took measures around having the low
17		I think we'd probably want to do more in relation to	17		risk and the high risk pathways, the red and green areas
18		that in the future.	18		of our hospital facilities, so that would definitely be
19		So I think that there's been quite a lot that the	19		part of that but I think I'd need to come back to you
20		quick or the rapid research that we did around that	20		with any more detail on that.
21		shielded, high-risk group early on in the pandemic was	21	Q.	And in relation to the need to consider the support
22		helpful in terms of informing our next steps and then	22		needs of those around the at-risk person, has any work
23		the further report that PHS produced that had could	23		been done thinking about that?
24		take a bit of, I suppose, a longer-term approach to that	24	Α.	So in the generality, I think that applies both to the
25		has been really useful as well.	25		sort of practical support which we were pretty good at
		145			146
1		standing up but I think we didn't give enough didn't	1		situation for the approximately 185,000 people who
2		pay enough attention to some of the mental and emotional	2		were on the list [Scottish Government] are aware
3		support for people.	3		of a considerable number of people who may continue to
4	Q.	A PHS survey of the highest risk group published	4		restrict contact with others in the outside world"
5	ч.	in March 2022 found that there was ongoing worrying	5		Is that a reference to that survey result we have
6		caution amongst the highest risk group with 81% of	6		just been to?
7		respondents still making decisions mainly influenced by	7	Α.	It is.
8		reference to the risk of Covid-19 infection and 36%	8	Q.	And you say:
9		still trying to minimise all physical contact with other	9	ч.	"Currently, the [Scottish Government] has no means
10		households.	10		of understanding the scale of this issue and how we
11		What steps have been taken to act on that	10		might be able to support those individuals so that they
12		evidence?	12		can start to regain a better quality of life."
13	Α.	I think that's really challenging because, as I said, we	13		This is a real cause for concern, is it not, this
14		don't have the same links into those groups any longer.	14		limitation?
15		I think what we've tried to do is to, you know, general	15	Α.	I think that's right. So there obviously are people
16		promotion about encouraging people and to, again,	16		who, I think, as it notes here, who have a high profile
17		understand their own levels of risk and provide people	17		and who actively engage with policymakers, but we don't
18		with information about whatever it is in terms of their	18		have a way of sort of systematically addressing all
19		own underlying conditions that influences some of those	19		those who might be in this category.
20		decisions.	20	Q.	Could there be steps taken for, for example, targeted
21	Q.	On that particular difficulty in terms of contact, can	20		liaison with GPs and third-sector groups in furtherance
22	<u> </u>	we have on screen, please, paragraph 910 of the longer	22		of making contact with these individuals or at least
		, , ,			5
23		statement ending 979. And you say:	23		more of them?
23 24		statement ending 979. And you say: "Since the Shielding/Highest Risk List ended, SG	23 24	Α.	
		statement ending 979. And you say: "Since the Shielding/Highest Risk List ended, SG has no insight into the ongoing challenges and		A.	more of them? I think I would need to take advice from the original shielding division around just how much of that
24		"Since the Shielding/Highest Risk List ended, SG	24	А.	I think I would need to take advice from the original

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1		information we retain, given that quite a lot of it was
2		very personal information.
3	Q.	Is that something which is being given consideration or
4		will be?
5	Α.	I would again, I would need to check on that.
6	Q.	I'd like to move, please, to non-Covid care and starting
7		with maternity services.
8		You explain at paragraph 90 of your shorter
9		statement that there are no NHS Scotland national level
10		plans sorry, there were no NHS Scotland national
11 12		level plans put in place specifically for antenatal
12		care, maternity services, and postpartum care between notice of Covid-19 first being received and
14		1 March 2020, although there had been some discussion at
15		UK level: is that right?
16	Α.	Yes, that's my understanding, yes.
17	Q.	In your view should plans have been in place
18	<b>_</b> .	pre-pandemic to ensure maternity services were
19		prioritised and maintained as an essential service?
20	Α.	So I think that we were always clear about the need to
21		maintain maternity services and also some other
22		essential and urgent services, for example, you know,
23		cancer services, urgent unscheduled care services, so
24		really clear, I think, again, it's down to, well, what
25		is the nature of the pandemic you face and therefore
		149
1		consultation with heads of midwifery and heads of
1 2		consultation with heads of midwifery and heads of obstetrics in boards and was taken in light of the fact
2		obstetrics in boards and was taken in light of the fact
2 3 4 5		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of
2 3 4 5 6		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that
2 3 4 5 6 7		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through
2 3 4 5 6 7 8		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services.
2 3 4 5 6 7 8 9	Q.	obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you
2 3 4 5 6 7 8 9 10	Q.	obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately
2 3 4 5 6 7 8 9 10 11	Q.	obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately to what was going on, but was any consideration given to
2 3 4 5 6 7 8 9 10 11 12	Q.	obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately to what was going on, but was any consideration given to the value of the collection of that data in the longer
2 3 4 5 6 7 8 9 10 11 12 13		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately to what was going on, but was any consideration given to the value of the collection of that data in the longer term, to understand what had happened?
2 3 4 5 6 7 8 9 10 11 12 13 13	Q. A.	obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately to what was going on, but was any consideration given to the value of the collection of that data in the longer term, to understand what had happened? So I can't recall at that point whether there were
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately to what was going on, but was any consideration given to the value of the collection of that data in the longer term, to understand what had happened? So I can't recall at that point whether there were considerations around whether we should be collecting that data anyway, if you like, despite the burden that
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately to what was going on, but was any consideration given to the value of the collection of that data in the longer term, to understand what had happened? So I can't recall at that point whether there were considerations around whether we should be collecting that data anyway, if you like, despite the burden that it placed on services, or whether we were in a position
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately to what was going on, but was any consideration given to the value of the collection of that data in the longer term, to understand what had happened? So I can't recall at that point whether there were considerations around whether we should be collecting that data anyway, if you like, despite the burden that it placed on services, or whether we were in a position to actually document what we knew through the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately to what was going on, but was any consideration given to the value of the collection of that data in the longer term, to understand what had happened? So I can't recall at that point whether there were considerations around whether we should be collecting that data anyway, if you like, despite the burden that it placed on services, or whether twe were in a position to actually document what we knew through the engagements that were happening and what we would then
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately to what was going on, but was any consideration given to the value of the collection of that data in the longer term, to understand what had happened? So I can't recall at that point whether there were considerations around whether we should be collecting that data anyway, if you like, despite the burden that it placed on services, or whether we were in a position to actually document what we knew through the
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately to what was going on, but was any consideration given to the value of the collection of that data in the longer term, to understand what had happened? So I can't recall at that point whether there were considerations around whether we should be collecting that data anyway, if you like, despite the burden that it placed on services, or whether we were in a position to actually document what we knew through the engagements that were happening and what we would then plan to do with that data. A lot of the data that was collected was around
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately to what was going on, but was any consideration given to the value of the collection of that data in the longer term, to understand what had happened? So I can't recall at that point whether there were considerations around whether we should be collecting that data anyway, if you like, despite the burden that it placed on services, or whether we were in a position to actually document what we knew through the engagements that were happening and what we would then plan to do with that data. A lot of the data that was collected was around the extent to which services were or weren't stood up to
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		obstetrics in boards and was taken in light of the fact that boards were reporting that it had taken a considerable amount of effort to respond to that first return and therefore it was felt again that, in terms of the information that we got from that return, that wasn't adding much to what we already knew through direct engagement with all the services. Well, it may not have been adding very much to what you already knew in that moment for responding immediately to what was going on, but was any consideration given to the value of the collection of that data in the longer term, to understand what had happened? So I can't recall at that point whether there were considerations around whether we should be collecting that data anyway, if you like, despite the burden that it placed on services, or whether we were in a position to actually document what we knew through the engagements that were happening and what we would then plan to do with that data. A lot of the data that was collected was around the extent to which services were or weren't stood up to their full scale, so the data that we were looking at

1		what are the adjustments that you need to try to make to
2		the services that you're actually providing?
3	Q.	But as between notice of Covid-19 and 1 March, for
4		example, should steps not have been taken in Scotland to
5		put a plan in place?
6	Α.	So I think as the statement recognises, that there were
7		discussions ongoing at a UK level and I think the first
8		guidance that was issued came out on 9 March. So
9		I think that does indicate that there was work underway,
10		just formal guidance hadn't issued at that point.
11	Q.	You explain at paragraph 92 of your shorter statement
12		that:
13		"On 9 June 2020, as part of remobilisation plans,
14		the [Scottish Government's] Directorate for Children and
15		Families wrote to all Scottish NHS [health] boards'
16		Heads of Midwifery asking them to return a template
17		outlining the current maternity service provision,
18		including staffing levels, and service provision in
19		antenatal, intrapartum and postnatal care. It was
20		requested that that information be returned on a monthly
21		basis."
22		It's right though, isn't it, that a decision was
23		subsequently taken that in the summer of 2020 that those
24		returns should be discontinued; is that right?
25	Α.	Yes, that's correct, that decision was taken in 150
		130
1		applied, or indeed were being exceeded, because in many
2		cases services were running beyond the minimum level.
3	Q.	Was any consideration given by the Scottish Government
4		to whether support could have been provided to the
5		services to assist them with the provision of that data
6		to reduce the burden?
7	Α.	I think it would have been so I can't recall whether
8		there were discussions at that point around what support
9		could be provided. As I say, I think again, this

- 10 was -- and perhaps what we should have done is to think 11 about the template that we were issuing, and where it 12 was possible for that to be pre-populated from existing sources of data, rather than a sort of, you know, 13 14 starting-from-scratch data collection. 15 **Q.** In the absence of data on antenatal care, maternity 16 services and postpartum care, what did the Scottish 17 Government use to inform guidance and information 18 provided to the public about what level of services was 19 being provided? 20 A. So we had set out what were minimum standards for the 21 provision of maternity services, and we also then supplemented that. So, for example, the general 22 23 guidance around visiting was -- we supplemented that in 24 terms of whilst, I think, one person would be regarded 25
  - 5 as an essential visitor, we recognised that in maternity 152

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6 **A**.

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than others?

birth during that period.

1		circumstances people need to be potentially supported by
2		more than one person, and so we supplemented the
3		guidance around visiting.
4		That was rather than being based on templates
5		return, that was based on the feedback that we were
6		getting from maternity units. As I said, really regular
7		engagement between the Scottish Government teams and all
8		the heads of midwifery and obstetrics, so they were
9		listening to what were the issues on the ground, day to
10		day, and considering where we needed to provide
11		additional guidance to boards to support them, and we
12		were always clear that those were minimum standards.
13		And in relation to maternity services, if boards
14		were able to go above and beyond that and felt it was
15		safe to do so, then we would expect them, absolutely, to
16		do that.
17	Q.	Is it right the result of the decision to discontinue
18		returns is that, other than the incomplete set of
19		returns completed before the decision was taken to
20		discontinue, there is no systematically collected
21		national data covering the delivery of maternity
22		services?
23	Α.	That's correct.
24	Q.	Does it follow that it's not possible now to assess how
25		many women in Scotland were affected by, for example, 153
4	~	141
1 2	Q.	It's right, isn't it DY HALLETT: Sorry to interrupt, I think, too, one has to
2	LAI	remember, and you said I think at the beginning of your
4		evidence, or somebody has in relation to Scotland, one
5		has to remember that with a smaller population and the
6		group of people, as you said, around a table, whereas
7		for England you may not find what is going on in
8		Cornwall or Norfolk or Manchester, for you it's much
9		easier to get the information without having the data
10		returns.
11	Α.	Yeah, my Lady, I think that's absolutely the case. We
12		are a small enough system that, as I've said, there
13		were, I think, really regular, sometimes daily, meetings
14		between the heads of midwifery, heads of obstetrics,
15		with the Scottish Government team. So they were hearing

10		think it was the correct decision to discontinue
11		returns?
12	Α.	I think it's really difficult to weigh up the value and
13		to be really clear about the value that you get from
14		returns against particularly when those returns are
15		placing additional demands on hard-pressed staff.
16		I think with the benefit of hindsight, I think that
17		perhaps a way through that would have been to think
18		about what was the minimum dataset we require, because
19		the returns were quite lengthy, and to think about what
20		were the things that we absolutely needed, why did we
21		absolutely need those, and what we were going to do with
22		them, and how, as far as possible, could we draw those
23		returns or could staff locally draw those returns
24		from systems rather than, you know, having to fill them
25		out from scratch.
		154
1	MS	PRICE: Not at all. Thank you, my Lady.
2		It's right, isn't it, that one the key changes in

restrictions on birth location or whether there were

A. On a cross-Scotland basis, yes, I think that's correct.

Yes, although Public Health Scotland did do some

changes in management of particular type of issues?

Q. And also whether any specific groups were affected more

research into the experiences of women who were giving

Q. We'll come on to that in a moment. Looking back, do you

3		the provision of maternity services in Scotland was to
4		limit face-to-face contact between expectant mothers and
5		healthcare staff as much as possible to reduce
6		transmission risks?
7	Α.	Yes, that's right. I think it meant that, as far as
8		possible, we moved to using online means for
9		consultations between pregnant women and staff. And
10		also, you know, standard antenatal classes that would
11		normally be face to face with groups of expectant women
12		were stood down as well because of the risk of
13		infection.
14	Q.	Was any advice sought about the negative health impacts
15		of a reduction in face-to-face care, including, for
16		example, on the mental health of new mothers or those
17		who had experienced baby loss?
18	Α.	I think that when we were looking when the team were
19		looking at the relative benefits the concern around the
20		spread of virus and the concerns of mothers
21		themselves around the spread of virus outweighed the
22		potentially negative risks.
23		I think that obviously we tried to ensure that
24		mothers were provided with an equivalent level of
25		support, so, for example, we used an online antenatal 156

25 LADY HALLETT: Sorry to interrupt, Ms Price.

to what they were already hearing.

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was.

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what was happening on the ground. And one of the

reasons for standing down the data collection was

because they felt that it actually didn't add anything

don't have a nice suite of reports going through

monthly, I don't think that means that we didn't have

a good understanding about what the situation actually

So whilst, technically I suppose, it means we

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1		class, but absolutely accept that that is not the same	1
2		as being in able to be in a room with other people	2
3		and to interact and to share experiences and form	3
4		ongoing relationships through that.	4
5		So I think that, you know, we would all accept	5
6		that those interpersonal relationships were impacted in	6
7		many areas of healthcare but perhaps particularly in	7
8		maternity services. And certainly I think for learning	8
9		for the future is being able is how we can somehow	9
10		whether that be running group sessions online or how	1(
11		we you know, how we can try to mitigate against some	11
12		of those negative effects.	12
13	Q.	The Inquiry has heard evidence that it was a case often	13
14		of least bad decisions and that this was all a difficult	14
15		balance in terms of making these decisions, but when the	15
16		decision was made to reduce face-to-face contact, were	16
17		those impacts actually considered at the time in that	17
18		balancing exercise?	18
19	Α.	So I think wherever possible we were trying to balance	19
20		off the negative impacts of decisions, and you'll	20
21		already have heard about the four harms approach that we	21
22		adopted in Scotland. But I think that quite often,	22
23		because of the nature of the virus and the rate at which	23
24		it was spreading, then the overwhelming concern was to	24
25		put in place protections that would stop people from	25
		157	
1		circumstances more than one person, and also then so	1
2		in neonatal units, for example, parents not being	2
3		defined as visitors but being able to access those	3
4		units.	4
5		So that guidance was indicated I think to	5
6		absolutely clarify that that was the position for all of	6
7		our boards.	7
8	Q.	Given the particular considerations which apply to	8
9		maternity and neonatal services in particular, do you	9
10		think that the guidance should have been	10
11		service-specific from the outset?	11
12	Α.	Yes, I think if would have been helpful had we issued	12
13		that guidance right at the beginning and had specific	13
14		sections around visiting that applied to maternity and	14
15		neonatal services.	15
16	Q.	A report was published in April 2022 following the Covid	16
17		experiences of pregnancy study; is that what you were	17
18		referring to earlier?	18
19	Α.	Yes.	19
20	Q.	And that was commissioned by the Scottish Government in	20
21		2021?	21
22	Α.	That's correct.	22
23	Q.	A headline finding of that report was that Covid-related	23
24		rules and restrictions for maternity services were	24
25		perceived as poorly communicated and inconsistent across 159	25

•	-	
1		catching the virus.
2	Q.	You deal with guidance on visiting in maternity and
3	ч.	neonatal settings at paragraphs 113-116 of your shorter
4		statement. This guidance was initially included in the
5		general Covid-19 hospital visiting guidance but in
6		July 2020 service-specific guidance was issued to
7		maternity and neonatal services on person-centred
8		visiting in those services; is that right?
9	Α.	Yes, that is correct.
10	Q.	And what prompted that change?
11	Α.	I think we were there was a concern, and no doubt
12		that was coming from, as I've described, the regular
13		meetings with people in the boards, that the guidance
14		around visiting was being interpreted on a side of
15		strictness as it applied to maternity and therefore the
16		sort of "essential visitor" was being defined as people
17		just being able to have one person with them and
18		potentially not the guidelines on more general
19		visiting not permitting somebody to be accompanied to
20		antenatal appointments.
21		So we felt it was important that we clarify the
22		expectations around people being able to women being
23		able to be accompanied to antenatal appointments, to
24		being able to have an essential visitor, a designated
25		birth partner, but also someone else, and in certain
		158
1		different services and centres in the maternity pathway.
2		And one rule in particular was highlighted as a major
3		source of anxiety and that was women not being allowed
4		to have a partner attend maternity services with them.
5		Do you recall the section of the report I'm referring
6		to?
7	Α.	Yes, I do.
8	Q.	Has the Scottish Government implemented the
9		recommendations made in that report?
10	Α.	I think that the recommendation around poor
11		communication and also variation in what was permitted
12		in different boards, the guidance we issued in July was
13		intended to address that and to absolutely acknowledge
14		that we expected that boards would permit pregnant women
15		to be accompanied to antenatal appointments, and indeed
16		the other things I've mentioned around having more than
17		one essential visitor.
18	Q.	What learning has been identified by the Scottish
19		Government, whether from this study or more widely,
20		about reduction in face-to-face contact in the context
21		of antenatal maternity and postpartum services and
22		visiting restrictions for maternity and neonatal
23		services?
24	Α.	So I think, firstly, if we were in that position again,
25		then we would want to ensure that we were issuing

25 then we would want to ensure that we were issuing 160

1	guidance around visiting that was specific to maternity	1		November 2020.
2	and neonatal services right at the beginning, when	2		Could we have on screen, please, INQ000357276,
3	we're at the same time as we're issuing visiting	3		page 56, please.
4	guidance around anything else.	4		This is a section from a Public Health Scotland
5	And I think that we would you know, I think	5		report on inpatient day case and outpatient stage of
6	that would help, in terms of that clear communication,	6		treatment waiting times. And the background to clinical
7	being really clear with women what their expectations	7		prioritisation is provided here in the first paragraph.
8	should be and also addressing some of the issues around	8		So in November 2020, this clinical framework,
9	variation. So we need to be really clear that this is	9		Coronavirus Covid-19 supporting of elective care,
10	an absolute minimum.	10		clinical prioritisation framework was introduced.
11	I think in terms of the face to face, I think	11		It was an interim measure to provide NHS Scotland
12	we you know, we've all recognised that whilst digital	12		with clear guidance for prioritising elective care
13	solutions had a really important role to play, there are	13		whilst ensuring appropriate Covid-19 safety and priority
14	circumstances where actually that people being able	14		measures were in place. And it's explained that this
15	to talk to others and to communicate and share	15		was at a time when elective care capacity was severely
16	experiences is really important so, as I've said,	16		constrained by the pandemic and the backlog of patients
17	I think there are areas where if we were, again, in	17		requiring treatment was beginning to grow.
18	a position where it was very difficult to allow groups	18		The framework became no longer applicable on
19	to come together in that way, face to face, as you would	19		22 July 2020 (sic) when it was stood down by the
20	for a normal antenatal class, that we would want to look	20		Scottish Government.
21	and see whether there were ways in which we could	21		How was the framework used to prioritise elective
22	facilitate that online so it wasn't just one to one, we	22		care?
23	were able to do group sessions.	23	Α.	So the table that's on the
24 <b>Q</b> .		24	Q.	If we scroll down a little, please.
25	for collective care which was introduced in	25	Α.	
	161			162
1	framework. So this is based on clinical judgment in	1		their quality of life.
2	terms of people, clinicians reviewing the lists of	2	Q.	Just dealing with those timings. The introduction
3	people who are waiting for treatment and categorising	3		in November 2020, why was it not until November 2020
4	them in terms of the relative urgency of this.	4		that this was introduced, appreciating it was before you
5	You can see the P4s, priority level 4s, are down	5		were DG?
6	as being safely scheduled after 12 weeks, so that would	6	Α.	Yes, so I maybe can't be absolutely exact on this but
7	be absolutely the non-urgent surgery and although it	7		I suspect that this was because, I think that we had
8	might be non-urgent in a clinical sense that doesn't	8		maybe certainly, I think, when we came out of the
9	mean that it isn't something that is impacting on	9		initial wave of the pandemic I think we maybe
10	somebody's quality of life.	10		overoptimistically thought we would be able to get
11	So this framework, I think and you see it was	11		services back to normal much more quickly than actually
12	developed by the Federation of Surgical Specialty	12		we were able to. So as we started to recognise that not
13	Associations so it's looking across all specialties.	13		only was Covid with us to stay, because we're still
14	But we so this was introduced in terms of	14		experiencing Covid right now, but also that if we were
15	trying to ensure that the resources that we were able to	15		going to continue to experience waves of Covid, then we
16	stand up around elective care were focused on those with	16		needed to think about how we were going to take
17	the greatest clinical need and then the framework was	10		a different and consistent approach across Scotland to
18	-	17		
	stood down in July 2022, I think, on the basis that		~	elective care.
19	recognising that although we had been dealing with those	19	પ.	You've referred to the reasons why it was stepped down
20	who were clinically most urgent, that had meant quite	20		in July 2022, did the decision to keep it in force until
	an increase in people waiting very long times and we	21		then remain under review?
21		~~		
20 21 22	wanted to ensure that clinicians had the flexibility to	22	Α.	Yes, I think all our decisions around this remain under
21 22 23	wanted to ensure that clinicians had the flexibility to be able to both treat people who were immediately urgent	23	Α.	review and it's again, it's one of these sort of
21 22	wanted to ensure that clinicians had the flexibility to		Α.	

## UK Covid-19 Inquiry

1		meetings, so this would regularly come up amongst the	1	
2		Scottish Association of Medical Directors, for example,	2	
3		in terms of, is this still an appropriate way to be	3	
4		looking at things. And it was as a result of some	4	
5		concerns about the number of long waits that we were	5	
6		building up, that ministers took the decision to	6	
7		actually step down this and to allow greater flexibility at local level.	7 8	
8 9	•	Has any work been done on what the longer-term impact of	o 9	
9 10	Q.	the framework was, whether positive or negative?	9 10	
11	Α.	I'm not aware of any work on the impact of the	10	
12	Α.	framework. Clearly, waiting times and the	12	
13		categorisation, both of our lists against the priorities	13	
14		but also in terms of numbers of weeks waiting is ongoing	10	
15		work.	15	
16	Q.	You identify a number of lessons learned in relation to	16	
17		non-Covid care in your shorter statement, from	17	
18		paragraphs 255 to 258, if that helps you to refer to	18	
19		them.	19	
20		Can you summarise, briefly, please, what those are	20	(
21		and do refer to those paragraphs if you need to?	21	
22	Α.	Thank you. It's right at the end, isn't it? So I think	22	
23		there are a number of things there. One is around	23	
24		and I think that's reflected in the prioritisation	24	
25		framework we've just seen, that we need to ensure that	25	
		165		
1		available to the health and social care workforce, the	1	
2		first of those forms of support, a national well-being	2	1
3		hub being launched on 11 May 2020; is that right?	3	-
4	Α.	Yes, that's correct. Yes.	4	
5		A national helpline was launched at the same time?	5	
6	Α.	Yeah.	6	(
7	Q.	And in August 2020, a Workforce Specialist Service was	7	
8		established; is that right?	8	
9	Α.	Yes, I think the I think actually the approval to	9	
10		establish that was in August 2020, but because it was	10	
11		a specialist service it took a little bit longer than	11	
12		that to be actually up and running.	12	
13	Q.	I see. What type of service was this, the Workforce	13	
14		Specialist Service?	14	
15	Α.	The specialist service was designed to offer	15	
16		psychological support and counselling to staff who had	16	
17		been impacted particularly by the pandemic but who might	17	0
18		feel uncomfortable seeking support from within their	18	
19		board area, so clinicians who might just feel a little	19	
20		bit uncomfortable seeking support in their own system	20	
21		essentially. So it was established to offer a service	21	
22		that was separate from the general NHS provisions.	22	
23	Q.	And in September 2020 the Scottish Government provided	23	
24		funding to assist health boards in delivering	24	
25		psychological interventions and therapies; is that 167	25	
		107		

1		we are taking advice from the royal colleges and other
2		clinical experts in regard to how we prioritise tests
3		and treatment.
4		We also talked about supporting shared aid across
5		NHS health boards to maximise available capacity and to
6		minimise backlog growth, and that's certainly something
7		that we're actively pursuing or have been actively
8		pursuing in terms of how we can best direct the capacity
9		that we have available and how we can use our national
10		treatment centres, for example, in order to make
11		progress on waiting lists. That includes people
12		travelling, so travelling out of area, as we would call
13		it, so people may be treated at a hospital that is not
14		in their board area but a hospital that has the capacity
15		to do that.
16		And then we also talk about protected sites, so
17		keeping, effectively, green sites for cancer treatment,
18		and some of the issues around redeployment of staff.
19		So yes, I would recognise all of those.
20	Q.	I'd like to ask you next, please, about the impact of
21		the pandemic on the NHS workforce, and staff support and
22		well-being.
23		You deal with pandemic-specific support in your
24		longer statement at paragraphs 327 to 336. And you deal
25		there with the various forms of support which were made
		166
1		right?
2	Α.	That's right. So, as well as establishing that
3		specialist service, we also provided funding to enable
4		boards to increase their capacity to provide therapies
5		to their own staff as well.
6	Q.	Funding for practical support also followed. Can you
7		give an example or some examples of what practical
8		support looked like?
9	Α.	Yes. So, I mean, pretty basic practical things like
10		ensuring that everybody had access to hot drinks, hot
11		food, that there were rest and recuperation areas so
12		that people could get away and get a bit of downtime
13		when they were on pretty arduous shifts. So that was
14		funding that we provided and have, you know, encouraged
		5 1 77 7 5
15		boards to continue, to make sure that staff are well
15 16		
	Q.	boards to continue, to make sure that staff are well supported in those sort of ways. Then in 2021 there were three separate injections of
16	Q.	boards to continue, to make sure that staff are well supported in those sort of ways.
16 17	Q.	boards to continue, to make sure that staff are well supported in those sort of ways. Then in 2021 there were three separate injections of
16 17 18	Q. A.	boards to continue, to make sure that staff are well supported in those sort of ways. Then in 2021 there were three separate injections of funding from the Scottish Government for practical and
16 17 18 19		boards to continue, to make sure that staff are well supported in those sort of ways. Then in 2021 there were three separate injections of funding from the Scottish Government for practical and well-being support; is that right?
16 17 18 19 20	А.	boards to continue, to make sure that staff are well supported in those sort of ways. Then in 2021 there were three separate injections of funding from the Scottish Government for practical and well-being support; is that right? That's right, yes.
16 17 18 19 20 21 22 23	А.	boards to continue, to make sure that staff are well supported in those sort of ways. Then in 2021 there were three separate injections of funding from the Scottish Government for practical and well-being support; is that right? That's right, yes. You deal with measuring staff well-being starting at paragraph 342 of your longer statement. Yeah.
16 17 18 19 20 21 22	A. Q.	boards to continue, to make sure that staff are well supported in those sort of ways. Then in 2021 there were three separate injections of funding from the Scottish Government for practical and well-being support; is that right? That's right, yes. You deal with measuring staff well-being starting at paragraph 342 of your longer statement.

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## **UK Covid-19 Inquiry**

1	1 September 2020. What were the key themes arising from	1		scores.
2	the results of the NHS Scotland pulse survey?	2		They also acknowledged that they'd been through
3 <b>A</b> .	. Okay, so it's maybe just, in context, worth saying that	3		a significant amount of change and there was a lot of
4	in Scotland we have a pretty well established staff	4		emphasis placed on the value of local support within
5	survey called iMatter, which runs every year. The pulse	5		boards.
6	survey was agreed in partnership with staff-side with	6	Q.	You refer in your longer statement to the directorate
7	our trade union representatives as a way of getting	7		for population health's report published in August 2021,
8	a, sort of, much quicker view on how things were with	8		lessons learned from the initial health and social care
9	staff. So I think that there was a fairly short number,	9		response to Covid-19 in Scotland.
10	maybe about 8, I think, quantitative questions, and then	10		Could we have on screen, please, page 279 of that
11	staff were also asked to identify what they'd found	11		longer statement, and in the middle of the page these
12	particularly helpful and what had been most challenging	12		are the reports findings about opportunities for further
13	for them.	13		resilience in the context of well-being, and is that
14	In terms of the some of themes coming out of	14		healthcare staff well-being?
15	that first of all, I think we got a good response	15	Α.	Yes, that is healthcare staff well-being, although
16	rate: 43% of staff took part in that, and it wasn't	16	Λ.	I would say it applies equally across to social care
17	across our NHS boards, it was also extended our health	10		staff as well.
18	and social care partnerships, so it covered social	17	Q.	And the opportunities, which were recognised with ease:
19		10	ω.	
	staff working in social care as well.			"[Recognising] that wellbeing response to the
20	In terms of their concerns, largely staff were	20 21		pandemic will be needed in the long-term. Leaders must consider how to transition this into business as usual
21 22	concerned about their ability to give deliver			
	high-quality patient care. They were concerned about	22		and continue to support the physical and psychological
23	their safety, the safety of their families. And, almost	23		wellbeing of staff;
24	surprisingly, their experience, their work experience at	24		"Line managers continue to be a source of support
25	work didn't show a huge drop from the previous iMatter 169	25		to staff. Leaders should consider how to equip managers 170
1	with the necessary training and resources on how to	1	٨	I think that we probably need to separate out the
2	support staff remotely."	2		responsibilities of Scottish Government from the
3	What steps have been taken by the Scottish	3		responsibilities of NHS boards who actually employ the
4	Government in furtherance of those recommendations?	4		staff and have that duty of care responsibility for
5 <b>A</b> .		4 5		staff.
6 T		6		What Scottish Government tried to do was to step
	funding. We also worked with boards to appoint			
7	well-being champions across our board structures. And	7		in to provide funding support to ensure that boards were
8	we have recently well, in the last year or so, we've	8		able to provide that sort of capacity, but I think there
9	stood up our leadership, culture and well-being board	9		are lots of good examples of where boards themselves had
10	which looks at measures of leadership, culture,	10		already recognised that there was a need and were
11	well-being across boards and brings forward	11		already providing that.
12	recommendations for work that we should continue to do.	12		Scottish Government provided the funding for it
13	Because I think, as this recognises, this isn't just	13		and, you know, we continue to work with boards as part
14	about that immediate response to the pandemic, I think	14		of our staff governance standard to ensure that they've
15	it's also very much about valuing our workforce, about	15		got good strong leadership, good strong cultures of
16	having cultures in place that value and support our	16		valuing and supporting staff.
17	workforce. And that really is and will be important to	17	Q.	You have, at paragraph 940 of your longer statement, set
18	us as a system going forwards.	18		out a range of other lessons learned identified in the
	When the Chief Medical Officer for Sectland rays	19		Directorate for Population Health's August 2021 report.
10 19 <b>Q</b> .	. When the Chief Medical Officer for Scotland gave			
	evidence to this module of the Inquiry, he told	20		Those go much wider than the well-being questions.
19 <b>Q</b> .	-	21		Those go much wider than the well-being questions. I don't intend to take you through all those now,
19 <b>Q</b> . 20	evidence to this module of the Inquiry, he told			
19 <b>Q</b> . 20 21	evidence to this module of the Inquiry, he told her Ladyship he considered the Scottish Government was	21		I don't intend to take you through all those now,
19 <b>Q</b> . 20 21 22	evidence to this module of the Inquiry, he told her Ladyship he considered the Scottish Government was too slow to provide support to the NHS workforce. In	21 22		I don't intend to take you through all those now, although I would refer anyone who is interested to that

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Chief Executive of NHS Scotland.

have a very direct relationship with all the chief executives of our NHS boards because I delegate their accountable officer status to them and, more generally, I meet with them on a monthly basis. We do our best to ensure that we are aligned in terms of planning and delivery so that they absolutely understand the priorities of ministers, and that they're then able to provide me and my colleagues with assurance about how

they're going about delivering those priorities.

So I think we've got a really strong loop and feedback loop in terms of being able to advise ministers around some of the challenges and delivery that helps ministers in terms of their setting of strategy and policy and then leads back into ensuring that that

strategy and policy can be implemented and delivered and the performance management that goes alongside that. And as to "once for Scotland", so we do adopt "once for Scotland" approaches. When we do that, that is an approach that is agreed with the chief executives and therefore is an approach that we're all signing up to. We have been running an NHS Scotland planning and delivery board for about 18 months now with the express purpose of ensuring that where things are best taken 174

diverges from the UK in terms of the pathway you took during the pandemic. One of those areas was in relation

In your statement of 18 June of this year, you explain how in Scotland you looked at what was happening with the Nightingale hospitals in England and, as you

to field hospitals.

Wearing my Chief Executive of NHS Scotland hat, I

1	statement?	1
2	A. Yes, I think there are a number of themes there. So	2
3	that report was produced, I think, based on the first	3
4 5	six months' experience in the pandemic. I think that we	4 5
5 6	would recognise most of those points and it's clear that	6
7	you can start to bring those recommendations together into themes.	8 7
8	Q. Finally, I'd like to ask for your views, please, on the	8
8 9	reflections given to the Inquiry, again by the Chief	8
9 10	Medical Officer for Scotland, about the impact of the	9 10
11	structure of the NHS in Scotland on the healthcare	10
12	response to the pandemic.	12
13	In his evidence, Professor Sir Gregor Smith	12
14	highlighted the lack of an equivalent to NHS England in	13
15	Scotland suggesting that a "once for Scotland approach"	15
16	was made more difficult by the absence of a national	16
17	entity to oversee the healthcare response to the	10
18	pandemic. Do you agree with him?	18
19	<b>A.</b> On this occasion, no, I don't agree with the Chief	19
20	Medical Officer. Very rare for me to disagree with him	20
21	but on this occasion, no. I think, as I explained right	20
22	at the outset today, we do not have a legal entity	22
23	called NHS Scotland but what we do have is very, very	23
24	close working relationships. So in my job I wear one	24
25	hat as the Director General and I wear another hat as	25
	173	
1	forward on a "one service for Scotland" approach, that	1
2	is exactly what we're doing.	2
3	I think it's also important to note the roles of	3
4	ministers here. So ministers the Cabinet Secretary	4
5	for Health and Social Care meets with our chairs of NHS	5
6	boards on a monthly basis.	6
7	As my Lady has indicated, we are of a size where	7
8	those relationships can be very strong and we use those	8
9	relationships a lot.	9
10	It's also the case that ministers have the power	10
11	to direct NHS boards, so should we be in a situation	11
12	where there is something that needs to be done on a	12
13	"once for Scotland" basis and, for whatever reason, NHS	13
14	boards aren't responding to that, ministers have the	14
15	power to direct that.	15
16	MS PRICE: My Lady, those are all my questions.	16
17	LADY HALLETT: Thank you very much.	17 <b>A</b> .
18	I think we now go to Ms Munroe.	18 <b>Q</b> .
19	Questions from MS MUNROE KC	19
20	MS MUNROE: Thank you. Good afternoon. My name is	20 <b>A</b> .
21	Allison Munroe. I ask questions on behalf of Covid-19	21 <b>Q</b> .
22	Bereaved families for Justice UK. I just have two very	22
23	short questions, please.	23
24	During the course of your evidence, Mrs Lamb,	24
25	you've told us about certain areas where Scotland	25
	175	

say at your paragraph 697 my Lady, for the record,
it's INQ000485979 that the decision to establish NHS
Louisa Jordan Hospital was based upon, not a decision to
expand ITU capacity but to provide a facility for
non-critical patients.
You also say at paragraph 700 of the same
statement that there was an awareness quite early on
that in terms of, and you looked at the staffing picture
nationally in Scotland and also the data from the portal
called Turas I think?
That's right, Turas.
Turas. I knew I'd pronounce it incorrectly, which is
NHS Scotland's digital platform, I understand?
That's right.
That:
"There would be difficulties with fully staffing
a large field hospital like the Louisa Jordan alongside
the existing estate."
Now, that all said, what additional pressures did

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## UK Covid-19 Inquiry

1		the establishment of the Louisa Jordan Hospital place
2		upon existing hospitals in the estate and health boards?
3	Α.	So the decision to establish the Louisa Jordan, as
4		you've correctly identified, was not to set it up as
5		an intensive care facility because I think, as we've
6		already heard, the evidence around boards having to
7		manage on a larger geographical footprint were already
8		creating pressures and to have established yet another
9		geographical facility somewhat remote from our existing
10		hospitals would have exacerbated those pressures.
11		So our original plan for the Louisa Jordan was
12		that it would be used for the care of people who were
13		not critically ill, perhaps people who had been but who
14		were recovering.
15		In actual fact, we never needed to use that. We
16		had enough capacity within our general hospital base so
17		the Louisa Jordan was never used for that.
18		We did use the Louisa Jordan for outpatient
19		clinics, so we used it for outpatient clinics for
20		orthopaedics, I think gynaecology as well, and we also
21		used it as a training facility, so it was really helpful
22		in terms of having that available. We used it for
23		I think the Scottish National Blood Transfusion Service
24 25		used it and we used it for a vaccination facility.
25		So because we never got into needing to use that 177
1		can be utilised effectively?
1	Δ	can be utilised effectively? Thank you _ So the decision to establish the Louisa
2	A.	Thank you. So the decision to establish the Louisa
2 3	А.	Thank you. So the decision to establish the Louisa Jordan in the first place was, I suppose, based on what
2 3 4	A.	Thank you. So the decision to establish the Louisa Jordan in the first place was, I suppose, based on what we observed happening in other countries, and the
2 3 4 5	A.	Thank you. So the decision to establish the Louisa Jordan in the first place was, I suppose, based on what we observed happening in other countries, and the modelling that we had available to us at that time.
2 3 4 5 6	Α.	Thank you. So the decision to establish the Louisa Jordan in the first place was, I suppose, based on what we observed happening in other countries, and the modelling that we had available to us at that time. So it's hard to say would we have made a different
2 3 4 5	Α.	Thank you. So the decision to establish the Louisa Jordan in the first place was, I suppose, based on what we observed happening in other countries, and the modelling that we had available to us at that time.
2 3 4 5 6 7	Α.	Thank you. So the decision to establish the Louisa Jordan in the first place was, I suppose, based on what we observed happening in other countries, and the modelling that we had available to us at that time. So it's hard to say would we have made a different decision looking at that same modelling now, but with the benefit of hindsight, when we know that actually
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1	for very ill patients, albeit not critically ill, it
2	didn't place pressure on our other hospital staffing
3	complements and where we were using it for outpatient
4	clinics, that was really around providing an environment
5	that was Covid-free, so it was for staff were able to
6	move their clinics, if you like, to a different location
7	and obviously the vaccination programme was a huge use
, 8	of it as well.
9	<b>Q.</b> Thank you. And the second question is this. Still on
10	the field hospitals. There have been criticisms
11	levelled at field hospitals some of which in the UK, in
12	England, were very much under-used. The criticism
13	levelled is effectively they were very expensive white
14	elephants. And you in your statement, the second
15	statement, at paragraph 713, you identify and recognise
16	that there were question marks about the Louisa Jordan
17	Hospital and whether or not it was delivering value for
18	money and/or whether it was necessary in terms of
19	provision of healthcare in Scotland.
20	So in terms of lessons learned, what is being done
21	by the Scottish Government and the directorate to look
22	at improving resilience and preparedness in the event of
23	a future pandemic, to ensure that if these field
24	hospitals aren't required again, that (a) they have
25	a full complement of staff, and (b) that they actually
	178
1	social care services need to be strong enough because
1	social care services need to be strong enough because
2	they have a real role in preventing people from being
2 3	they have a real role in preventing people from being admitted to hospital in the first place.
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1		they were if it was because a family member was	1
2		infected and they're quarantining.	2
3		Does it follow that there are no records of staff	3
4		reporting the long-term effects of Covid-19, that is	4
5		Long Covid.	5
6	Α.	That is my understand, yes, that the coding within our	6
7		staff time system groups together the Covid absences and	7
8		that those Covid absences could be as a result of	8
9		Long Covid, could be as a result of people having Covid,	9
10		but also, equally, could be as a result of family	10
11		members having Covid and therefore people	11
12		self-isolating. That is in the national statistics.	12
13		There may be intelligence available, more	13
14		intelligence available at a NHS board level where our	14 15
15		expectations would be that, and I think you heard some	15
16 17		of this from Professor McKay this morning, that staff	16 17
17		with Long Covid are being supported, ideally to return to work in the way that we would expect any member of	17
10		staff on a long-term absence to be supported, but	18
20		I don't have access to that data on a national level.	20
20	Q.	And so it follows that you haven't requested from the	20
21	ω.	health boards whether they hold data on the number of	21
23		staff that have Long Covid?	22
24	Α.	I'm not aware that we have requested that, no.	20
25	Q.	Do you agree that it would be useful to know nationally	25
20	Ξ.	181	20
1		INQ000468129.	1
2		Now, this study found that most participants were	2
3		in work in NHS but managing complex and dynamic symptoms	3
4		with periods of improvement and exacerbation. It also	4
5		found that 17% of participating health workers were so	5
6		severely disabled by Long Covid that they were not able	6
7		to return to work. What support, if any, is there	7
8		available for healthcare workers suffering from	8
9		Long Covid?	9
10	Α.	So I think the support that is available will very much	10
11		be at a local board level in regard to the board's	11
12		responsibilities as employer of those staff and, again,	12
13		we would expect all boards to be regularly engaging with	13
14		staff who have been off work for any time or who are	14
15		experiencing difficulties and perhaps having multiple	15
16		experiences of absence as a result, but we don't have	16
17		that data centrally.	17
18	Q.	And there's been no review at a national level of	18
19		consistency across the boards of support for healthcare	19
20		workers?	20
21	Α.	Not that I'm aware of.	21
22	Q.	Now, the CSO research report also refers to NHS	22
23		Long Covid payments which ended in October 2022 and the	23
24		we want at at a the state SULIC Law a Casual was we and head heavy	~ ~ ~
25		report states that the NHS Long Covid payment had been fundamental in enabling participants to work in	24 25

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how many healthcare workers are affected with
Long Covid?

- A. Yes, Ido.
- **Q.** And you've also mentioned this afternoon that Covid is
- with us to stay and because we're still experiencing
- 6 Covid right now and are going to continue to experience
- 7 waves of Covid-19, would it be fair to say that along
- 8 with new waves of Covid-19, patients and healthcare
  9 workers continuing to be infected with Covid-19 may
  10 develop Long Covid?
- 1 A. Yes, that is my understanding. I'm not aware what the
- 2 more recent research is in relation to the success of
- 3 the vaccination programme particularly in terms of4 protecting people from Long Covid.
- 15 Q. But it follows that you're not taking steps to monitor
- 6 any of those new cases of Long Covid?
- 7 A. So I think I would need to go back to NHS boards and
- 18 establish whether -- the extent to which we're seeing
- 19 new cases of Long Covid coming through.
- 20 **Q.** Thank you. My last topic is on support for healthcare
- 21 workers with Long Covid. A CSO research project
- 22 briefing that you have exhibited to your statement
- reported on the experience of healthcare workers with
- Long Covid in Scotland, that's the LoCH study.
- 25 The URN, for reference purposes only, is 182

1a reduced capacity without reduced pay, but there were2high levels of anxiety about when the payment would stop3and the implications for them and their family4financially. And it continues that the reduction in pay5and job security would have resulted in additional6stress and anxiety for those unable to meet their7contractual obligations.8Was there any dedicated financial support for9health workers with Long Covid after the NHS Long Covid10payments ended?11A. I'm not aware that there were. I think the NHS12Long Covid payments were an extension to our normal13occupational sickness policy, so it enabled people who14were unable to work to continue to enjoy their salary15for longer than would normally be the case.16MS SIVAKUMARAN: Thank you.17Those are my questions, my Lady.18LADY HALLETT: Thank you.19Mr Wagner.
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<ul> <li>18 LADY HALLETT: Thank you.</li> <li>19 Mr Wagner.</li> </ul>
19 Mr Wagner.
20 Mr Wagner is over there.
21 Questions from MR WAGNER
22 MR WAGNER: My name is Adam Wagner and I ask questions on
23 behalf of the Clinically Vulnerable Families.
24 I want to ask you first, please, about the
25 non-shielding at-risk category of people that you refer 184

1		to in your statement. I'm just looking at paragraph 824	1		W
2		of your longer statement where you say:	2		C
3		"In addition to the Shielding List, there had	3		lt
4		been consideration early in the pandemic to other	4		ri
5		people at risk: these were the 'non-shielding at	5		V
6		risk' People in this group were not individually	6		
7		identified but were encouraged to seek help via	7		ir
8		a helpline which channeled calls to local authority	8		tł
9		health services, should they not have family or	9		S
10		existing community support or not have access to	10	Α.	lt
11		online support."	11		е
12		Do you recall that category?	12		a
13	Α.	Yes, so I recall the work that was done I think this	13		d
14		was in this must have been early summer 2020, with	14		0
15		in partnership with local government, recognising that	15		to
16		there would be people who were not officially on the	16		d
17		shielding list and therefore were not in receipt of the	17		С
18		support, groceries, delivery, et cetera, but who might	18		р
19		be vulnerable and might not have family members to	19		а
20		support them, and therefore we worked with local	20		a
21		government to try to ensure that those people had	21	~	n
22		access, as it says, to a helpline and were able the	22	Q.	V
23		local government colleagues were able to then support	23		tł
24	~	them.	24		to
25	Q.	So we now know that a significant proportion of those 185	25		
1		done, do you accept the approach of essentially	1	Α.	S
2		requiring that the non-shielding at-risk people self	2		n
3		refer to local authority health services was	3		s
4		insufficient given the heightened risk that they faced?	4		ta
5	Α.	So I think that it was appropriate for people who felt	5		е
6		that they were particularly at risk to make that	6		
7		decision for themselves. I think the Inquiry has heard	7		q
8		from the Chief Medical Officer concerns that the blanket	8		tł
9		approach that was taken to shielding was not helpful for	9		fi
10		some people, and that I think, you know, I think	10		tł
11		there is this I'm not an expert in these matters but	11		р
12		I do think that there are questions to be asked about	12		W
13		whether in future we should take such a blanket approach	13		tł
14		to people or whether we should focus on ensuring that	14	Q.	Y
15		people have the information that they need to understand	15		а
16		what level of risk they are exposed to and what level of	16		y
17		risks they think is appropriate for them.	17		е
18	Q.	Wouldn't that approach require a more targeted strategy	18	Α.	S
19		for contacting those people? Because, if you see, the	19		е
20		difference is, if you're going to be saying to people,	20		te
21		"This is you're at risk and it's your choice what to	21		W
22		do", and you know that they are at significant risk,	22		to
23		isn't it very important that the government, as they did	23		с
24		with shielded people, find out who those people are and	24		d
25		contact them?	25		s
		187			

<ul> <li>who ended up dying or suffered adverse effects from</li> <li>Covid-19 were part of that non-shielding at-risk group.</li> <li>It makes sense because they would be particularly at</li> <li>risk of Covid but not deemed to be clinically extremely</li> <li>vulnerable.</li> <li>Do you think, looking back, was enough done to</li> <li>inform that group of their heightened level of risks and</li> <li>the steps that they could take, or others around them</li> <li>such as their family or employers, to mitigate the risk?</li> <li>A. It's a difficult question to ask, isn't it: was there</li> <li>enough done? I mean, I guess in circumstances there's</li> <li>always more that can be done. I think what we tried to</li> <li>do was to ensure that people who understood themselves</li> <li>or felt themselves to be particularly at risk had access</li> <li>to support. And certainly what increasingly we tried to</li> <li>do was to make data available to people so that they</li> <li>could understand, for example, what the levels of Covid</li> <li>prevalency was in their local communities so they were</li> <li>able to make their own judgments about what was</li> <li>appropriate for them and, you know, how they wished to</li> <li>manage those circumstances.</li> <li>Q. Well, I suppose you could always say there's always more</li> <li>that you could have done, but it's not really an answer</li> <li>to that question, is it?</li> </ul> 1 A. So I would agree that the more targeted we can get, the <ul> <li>more helpful that is. And certainly, you know, with the</li> <li>shielded group we tried to take steps to get more</li> <li>targeted around different clinical conditions, for an</li> <li>example.</li> <li>I think when you start to look at – you know, at</li> <li>quite large groups around, for example, people over 70,</li> <li>there is a big difference in terms of the level of</li> <li>fitness and other issues that affect that group, and</li> <li>therefore I think some form of self identification is</li> <li>perhaps always</li></ul>			
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25 support to enable people who do feel that they want to	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		shielded group we tried to take steps to get more targeted around different clinical conditions, for an example. I think when you start to look at you know, at quite large groups around, for example, people over 70, there is a big difference in terms of the level of fitness and other issues that affect that group, and therefore I think some form of self identification is perhaps always going to be necessary and that we wouldn't necessarily hold all the details to enable that. You refer in your statement a number of times to an individualised or person-centred approach. What do you mean by that and how could that be better or more extensively implemented in a future pandemic? So I think that is absolutely back to this point around ensuring that people are, if you like, equal partners in terms of some of the decisions that are being made, that we are giving people advice and guidance that helps them to make an assessment about what it is that they feel comfortable doing and what they don't feel comfortable doing, and that that is accompanied by appropriate
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1	absolutely minimise contact with others, that they
2	are that they're able to be supported to manage their
3	life in that way, whereas others who may be taking an
4	account of all the risk factors, and indeed the impact
5	on their own mental health by cutting off contact with
6	others, are more prepared to take a different approach.
7	<b>Q.</b> So it's identification, contact, support, are the three
8	sort of pillars of it?
9	A. Yes.
10	<b>Q.</b> Finally, a June 2020 framework for decision-making
11	called "Shielding: A way Forward for Scotland" described
12	the necessity of developing an evidence base about the
13	virus so that the people who were shielding or had
14	shielded could be provided access to support that could
15	help them make informed choices about their lives and
16	put their choices into practice.
17	Do you think those aims were achieved?
18	<b>A.</b> I think that those I think that we certainly
19	partially achieved those aims. We certainly continued
20	to provide people on the shielding list with as
21	I've said already, with information as it related to
22	their own individual health condition.
23	I think it's important also to recognise that we
24	didn't, in June 2020, know everything that we know now
25	about the Covid virus. I'm not sure we know everything
20	189
1	I won't be asking you to come back.
2	THE WITNESS: Thank you very much.
3	LADY HALLETT: Thank you, and safe journey back to Scotland.
4	THE WITNESS: Thank you.
5	(The witness withdrew)
6	LADY HALLETT: Very well, Monday 18 November at 10.30.
7	(4.16 pm)
8	(The hearing adjourned until 10.30 am
9	on Monday, 19 November 2024)
10	on Monday, 18 November 2024)
10 11	on Monday, 18 November 2024)
11	on Monday, 18 November 2024)
11 12	on Monday, 18 November 2024)
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11 12 13 14 15 16 17 18 19 20 21 22 23	n Monday, 18 November 2024)

1	there is to be known about Covid virus right now, but as
2	the Covid virus continued to develop, so as we went
3	through the wave, the Omicron wave, and as vaccinations
4	developed, then those things changed as well. I think
5	that we did we tried to do what we could to make sure
6	that we were providing personalised information and also
7	that we were making information available to people so
8	that they could understand what was happening in their
9	local community and in their local environment, so what
10	level of risk they would be exposed to, because that
11	varied, again, from period to period.
12	MR WAGNER: Thank you.
13	LADY HALLETT: Thank you very much, Mr Wagner.
14	Ms Lamb, I think you've already helped us in
15	relation to yet another module, haven't you, so I'm
16	afraid you know three more modules. I was going to
17	mention, as I've mentioned to other colleagues, I do
18	understand the burden that this Inquiry and indeed
19	other inquiries, because in Scotland you not only have
20	a Scottish Covid Inquiry, I think you have other
21	inquiries also making demands on you.
22	A. I have.
23	LADY HALLETT: So, I am extremely conscious of that, as
24	I've said before, so I'd just like to thank you for the
25	help you've given so far, and I'm sorry I can't say that 190

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123/18 136/11 139/22       87/19 87/20 88/11       around [107] 24/14       43/16 66/8 67/22       attribute [2] 123/5         140/9 144/19 144/24       93/15 95/6 96/13       93/15 95/6 96/13       93/15 95/6 96/13       44/19 44/6 48/21       143/16 130/24 142/25       173/173/16 174/22       173/173/16 174/22       93/15 95/6 96/13       93/15 95/6 96/13       44/19 44/6 48/21       143/16 60/81 97/19       183/17       August [7] 55/11       143/16 130/24 142/25       145/6 169/11 187/1       83/16 [9] 17/11       83/17       August [7] 55/11       84/17 84/11 54/14       83/16 [9] 17/11       83/17 145/16 130/24 142/25       145/21 55/17       August 2020 [1]       86/12       167/10 170/7 172/19         189/6       106/2 107/15 108/16       73/4 74/9 75/20 76/1       106/2 107/15 108/16       73/4 74/9 75/20 76/1       106/11 187/1       187/3       167/10 170/7 172/19         135/12 174/20       111/21 113/16 113/18       84/10 84/11 84/20       83/24 182/26       100/19       153/24       104/19       187/3       187/3         135/12 174/20       111/21 113/16 13/18       84/10 84/11 84/20       84/10 84/11 84/20       83/26 12/27       100/15 15/11       107/15 15/11 77/2       107/21 19/27       100/24 101/25 102/13 50/17       authority [2] 185/8       10/14/21       23/19 12/27       10/14/21       10/25       10/2/21 10/24 14/22       10/2/21 10					101/15 147/2
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18/16         18/16         104/2         104/2         104/2         104/2         104/2         104/2         104/2         106/2         107/15         108/6         51/8         98/12         98/13         August 2020 [1]           approaches [2]         106/2         107/15         108/6         73/4         74/9         75/20         76/1         aspects [2]         69/15         30/16         111/2         13/21         109/21         109/21         109/21         109/21         109/21         109/21         109/21         109/21         109/21         109/21         109/21         109/21         111/21         111/21         111/21         111/21         111/21         111/21         111/21         111/21         111/21         111/21         111/21         100/24         101/24         102/21         101/21		98/20 99/20 99/22			
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143/16       102/13       103/15       137/10       139/2       140/10       104/8       104/10       105/11       48/8       23/19       32/7       33/20         180/6       186/20       187/5       140/22       141/21       142/5       140/22       141/21       142/5       34/11       43/6       45/20       34/11       43/6       45/20         appropriately [3]       142/5       144/22       145/5       111/18       113/7       114/25       14/6       22/20       23/7       28/14       47/10       57/7       59/19       77/7       59/19       77/7       59/19       77/7       59/19       77/7       59/19       77/7       79/9       72/7       79/9       58/12       63/2       63/10       67/7       88/15       59/12       66/23       88/15       59/12       96/2       88/15       59/12       96/2       98/14       81/17       100/22       101/11       101/9       100/22       101/11       101/9       100/22       101/11       101/9       100/22       101/11       101/21       105/20       165/23       166/1       144/15       146/15       146/16       140/18       171/25       186/15       100/7       100/22       101/11       <			103/5 103/15 104/3	assessing [2] 22/24	4/22 10/25 15/15 16/7
187/17       188/24       140/22       141/21       142/5       105/16       111/11       111/16       assessment       [24]       34/11 <td></td> <td>137/10 139/2 140/10</td> <td>104/8 104/10 105/11</td> <td></td> <td>23/19 32/7 33/20</td>		137/10 139/2 140/10	104/8 104/10 105/11		23/19 32/7 33/20
appropriately [3]       142/5 144/22 145/5       111/18 113/17 114/25       14/6 22/20 23/7 28/14       4/1/10 5/7/59/19 70/1         50/17 140/14 179/17       148/2 148/15 149/9       115/6 115/17 120/22       44/20 50/24 50/24       72/7 72/9 79/25 81/12         appropriateness [1]       15/1 154/14 155/12       121/23 122/20 123/4       53/2 61/15 62/8 62/13       82/21 84/23 84/24         approval [1] 167/9       161/13 161/17 163/3       129/1 132/19 135/4       63/2 63/9 63/10 67/7       88/15 95/12 96/2         approve [1] 143/1       165/20 165/23 166/1       144/15 145/1 145/1       128/20 137/12 139/5       100/22 101/8 101/9         approve [1] 143/1       168/15 170/12 172/9       145/20 146/15 146/16       140/18 171/25 188/22       101/11 101/21 105/19         approvimately [1]       175/7 175/16 179/24       151/21 151/24 152/8       51/10 51/12 83/16       166/9 167/1 177/22         34/13       175/7 175/16 179/24       151/21 151/24 152/8       51/10 51/12 83/16       166/9 167/1 177/22         44/14       182/6 183/14 184/17       156/19 156/21 158/14       128/12       183/8 183/10 186/16         49/7       179/21 41/1 50/3       188/21 189/2 189/6       161/8 163/16 164/22       152/5 167/24       183/8 183/10 186/16         6/13 68/7 72/20       72/20       74/18 188/19 188/20       161/8 163/16 164/22 <td< td=""><td></td><td>140/22 141/21 142/5</td><td>105/16 111/11 111/16</td><td>assessment [24]</td><td>34/11 43/6 45/20</td></td<>		140/22 141/21 142/5	105/16 111/11 111/16	assessment [24]	34/11 43/6 45/20
50/17       140/14       179/17       140/15       140/15       149/9       115/6       115/7       120/22       44/20       50/24       121/1       121/1       121/1       121/2		142/5 144/22 145/5	111/18 113/17 114/25	14/6 22/20 23/7 28/14	47/10 57/7 59/19 70/1
appropriateness [1]       150/1 154/14 155/12       121/23 122/20 123/4       53/2 61/15 62/8 62/13       82/21 84/23 84/24         approval [1] 167/9       161/13 161/17 163/3       129/1 132/19 135/4       63/2 63/9 63/10 67/7       88/15 95/12 96/2         approval [1] 143/1       165/20 165/23 166/1       144/15 145/1 145/4       83/24 116/10 117/18       96/16 96/23 98/1         approve [1] 143/1       165/20 165/23 166/1       144/15 145/1 145/4       128/20 137/12 139/5       100/22 101/8 101/9         15/10 43/22 62/2       157/2 177/17 174/2       146/22 148/25 151/15       assessments [8]       101/11 101/21 105/19         84/13       175/7 175/16 179/24       151/21 151/24 152/8       51/10 51/12 83/16       166/9 167/1 177/22         148/1       181/3 181/17 182/1       152/23 153/3 155/6       84/1 84/6 84/17 84/18       179/5 181/13 181/14         182/6 183/14 184/17       156/19 156/21 158/14       128/12       183/8 183/10 186/16         19/17 9/21 41/1 50/3       50/9 60/24 61/18       188/21 189/2 189/6       161/8 163/16 164/22       152/5 167/24       183/8 183/10 186/16         105/12 160/14       189/7       161/8 163/16 164/22       152/5 167/24       123/3       avoid [1] 121/11         avare [34] 20/16       3/1 3/2 3/6 62/19 63/6       179/19 186/8 188/4       assisted [1] 24/8       20/19 20/24 21/21 </td <td></td> <td></td> <td></td> <td></td> <td>72/7 72/9 79/25 81/12</td>					72/7 72/9 79/25 81/12
21/2       181/13 161/17 163/3       129/1 132/19 133/4       63/2 63/9 63/10 67/7       88/15 95/12 96/2         approval [1] 167/9       163/5 164/24 164/24       139/1 139/3 144/14       83/24 116/10 117/18       96/16 96/23 98/1         approve [1] 143/1       165/20 165/23 166/1       144/15 145/1       128/20 137/12 139/5       100/22 101/8 101/9         approved [5] 15/2       15/10 43/22 62/2       173/2 174/7 174/25       146/22 148/25 151/15       assessments [8]       122/4 135/8 166/5         84/13       175/7 175/16 179/24       151/21 151/24 152/8       51/10 51/12 83/16       166/9 167/1 177/22         approximately [1]       148/1       182/6 183/14 184/17       156/21 158/14       128/12       166/9 167/1 177/22         148/1       182/6 183/14 184/17       156/21 158/14       128/12       163/2 513/10       179/5 181/13 181/14         148/1       182/6 183/14 184/17       156/21 158/14       128/12       183/8 183/10 186/16       190/7         187/12 187/16 187/22       158/22 159/14 160/10       assist [7] 3/17 8/11       183/8 183/10 186/16       190/7         188/21 189/2 189/6       161/8 163/16 164/22       152/5 167/24       assistance [4] 25/11       average [2] 115/18         105/14 109/3 112/14       31/3 2 3/6 62/19 63/6       179/19 186/8 188/4       assisted [1] 24/8 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
approval [1]       167/9 approve [1]       163/5       164/24       139/1       139/3       144/14       83/24       116/10       117/18       96/16       96/23       98/1         approvel [1]       143/1       165/20       165/23       166/1       144/15       145/20       145/20       137/12       139/3       144/14       128/20       137/12       139/5       100/22       101/11       101/12       105/12       100/22       101/11       101/21       105/19       100/22       101/11       101/11       101/11       101/11       101/11       101/11       101/12       105/19       100/22       101/11       101/11       101/12       105/19       100/22       101/11       101/11       101/11       101/12       105/19       100/22       101/11       101/1					I I I I I I I I I I I I I I I I I I I
approve [1]       143/1       165/20       165/23       166/1       144/15       145/1       145/1       128/20       13/12       13/12       100/22       101/18       101/19         approved [5]       15/2       15/2       173/2       174/17       174/25       145/20       146/22       148/15       140/18       171/25       188/22       101/11       101/12       105/12       105/12       101/12       105/12       101/12       101/12       105/12       101/12       101/12       105/12       101/12       101/11       101/12       105/12       101/11       101/12       105/12       101/11       101/12       105/12       101/11       101/12       105/12       101/11       101/12       105/12       101/11       101/12       105/12       101/11       101/12       105/12       101/11       101/12       101/11       101/12       101/11       101/12       101/11       101/12       101/11       101/12       101/11       101/11       101/12       101/11       101/11       101/11       101/11       101/11       101/11       101/11       101/11       101/11       101/11       101/11       101/11       101/11       101/11       101/11       101/11       101/11       101/11					I I I I I I I I I I I I I I I I I I I
approved [5]       15/2       168/15 170/12 172/9       145/20 146/15 146/16       140/18 17/125 188/22       101/11 101/21 105/18         15/10 43/22 62/2       173/2 174/7 174/25       146/22 148/25 151/15       assessments [8]       122/4 135/8 166/5         84/13       175/7 175/16 179/24       151/21 151/24 152/8       51/10 51/12 83/16       166/9 167/1 177/22         148/1       181/3 181/17 182/1       152/23 153/3 155/6       84/1 84/6 84/17 84/18       179/5 181/13 181/14         148/1       182/6 183/14 184/17       156/19 156/21 158/14       128/12       183/8 183/10 186/16         April [25]       2/20 6/4       187/12 187/16 187/22       158/22 159/14 160/10       assist [7]       3/17 8/11       190/7         187/24 188/19 188/20       160/16 161/1 161/4       152/5 167/24       190/7       average [2]       115/18         66/13 68/7 72/20       188/21 189/2 189/6       161/8 163/16 164/22       152/5 167/24       avoid [1]       121/11         average [17]       2/24 2/24       177/6 178/4 179/15       78/3 79/22 127/18       average [34]       20/16         72/22 94/4 94/7       3/1 3/2 3/6 62/19 63/6       179/19 186/8 188/4       assisted [1]       24/8       20/19 20/24 21/21         105/14 109/3 112/14       163/17 63/19 64/3       98/24 99/2 101/2       Arran [3]					I I I I I I I I I I I I I I I I I I I
15/10       43/22 62/2       173/2 174/7 174/25       140/22 148/25 151/15       assessments [8]       122/4 135/8 166/5         84/13       175/7 175/16 179/24       151/21 151/24 152/8       51/10 51/12 83/16       166/9 167/1 177/22         approximately [1]       148/1       181/3 181/17 182/1       152/23 153/3 155/6       84/1 84/6 84/17 84/18       179/5 181/13 181/14         April [25]       2/20 6/4       187/24 188/19 188/20       160/16 161/1 161/4       128/12       183/8 183/10 186/16         9/17 9/21 41/1 50/3       50/9 60/24 61/18       188/21 189/2 189/6       160/16 161/1 161/4       31/19 35/25 134/10       190/7         88/21 189/2 189/6       165/23 166/18 174/14       165/23 166/18 174/14       31/19 35/25 134/10       123/3       average [2] 115/18         105/14 109/3 112/14       13/2 3/6 62/19 63/6       179/19 186/8 188/4       188/4       assisted [1] 24/8       20/19 20/24 21/21         3/1 3/2 3/6 62/19 63/6       179/19 186/8 188/4       188/7 188/18       associated [5] 22/13       21/23 45/15 45/21         12/4 15 138/8 138/22       130/3 166/12 166/14       107/21       107/21       12/17       48/20 64/24 72/4 72/4 72/6					
64/13       181/3 181/17 182/1       152/23 153/3 155/6       84/1 84/6 84/17 84/18       179/5 181/13 181/14         approximately [1]       182/6 183/14 184/17       156/19 156/21 158/14       128/12       183/8 183/10 186/16         April [25]       2/20 6/4       187/12 187/16 187/22       158/22 159/14 160/10       assist [7]       3/17 8/11       190/7         April [25]       2/20 6/4       187/24 188/19 188/20       160/16 161/1 161/4       131/19 35/25 134/10       190/7         9/17 9/21 41/1 50/3       188/21 189/2 189/6       160/16 161/1 161/4       152/5 167/24       average [2]       115/18         66/13 68/7 72/20       189/7       165/23 166/18 174/14       assistance [4]       25/11       avoid [1]       121/11         72/22 94/4 94/7       3/1 3/2 3/6 62/19 63/6       179/19 186/8 188/4       assisted [1]       24/8       20/19 20/24 21/21         105/14 109/3 112/14       63/17 63/19 64/3       188/7 188/18       23/17 50/4 70/15       21/23 45/15 45/21         124/15 138/8 138/22       130/3 166/12 166/14       107/21       107/21       23/17 50/4 70/15       46/4 46/5 46/11 48/18					
approximately [1]       182/6 183/14 184/17       156/19 156/21 158/14       128/12       183/8 183/10 186/16         April [25]       2/20 6/4       187/12 187/16 187/22       158/22 159/14 160/10       assist [7]       3/17 8/11       190/7         9/17 9/21 41/1 50/3       187/24 188/19 188/20       160/16 161/1 161/4       31/19 35/25 134/10       1exerage [2]       115/18         50/9 60/24 61/18       188/21 189/2 189/6       160/16 161/1 161/4       31/19 35/25 167/24       average [2]       115/18         66/13 68/7 72/20       189/7       165/23 166/18 174/14       assistance [4]       25/11       avoid [1]       121/11         72/22 94/4 94/7       3/1 3/2 3/6 62/19 63/6       179/19 186/8 188/4       assisted [1]       24/8       20/19 20/24 21/21         105/14 109/3 112/14       63/17 63/19 64/3       188/7 188/18       associated [5]       22/13       21/23 45/15 45/21         124/15 138/8 138/22       98/24 99/2 101/2       Arran [3]       91/9 92/3       23/17 50/4 70/15       46/4 46/5 46/11 48/18         159/16       130/3 166/12 166/14       107/21       107/21       112/17       48/20 64/24 72/4 72/4					
148/1       162/6 163/14 184/17       150/19 150/21 153/14 162/17       120/12       163/8 163/10 186/16         April [25]       2/20 6/4       187/24 188/19 188/20       158/22 159/14 160/10       assist [7]       3/17 8/11       190/7         9/17 9/21 41/1 50/3       188/21 189/2 189/6       160/16 161/1 161/4       31/19 35/25 134/10       average [2]       115/18         50/9 60/24 61/18       188/21 189/2 189/6       161/8 163/16 164/22       152/5 167/24       avoid [1]       121/11         66/13 68/7 72/20       189/7       165/23 166/18 174/14       3sistance [4]       25/11       avoid [1]       121/11         72/22 94/4 94/7       3/1 3/2 3/6 62/19 63/6       179/19 186/8 188/4       8sisted [1]       24/8       20/19 20/24 21/21         116/4 123/22 123/23       3/1 3/2 3/6 62/19 63/6       179/19 186/8 188/4       assisted [5]       22/13       21/23 45/15 45/21         124/15 138/8 138/22       98/24 99/2 101/2       Arran [3]       91/9 92/3       23/17 50/4 70/15       46/4 46/5 46/11 48/18         159/16       130/3 166/12 166/14       107/21       112/17       48/20 64/24 72/4 72/6	approximately [1]				
April [25] 2/20 6/4       187/24 188/19 188/20       160/16 161/1 161/4       31/19 35/25 134/10       average [2] 115/18         9/17 9/21 41/1 50/3       188/21 189/2 189/6       160/16 161/1 161/4       152/5 167/24       123/3         50/9 60/24 61/18       188/21 189/2 189/6       161/8 163/16 164/22       152/5 167/24       123/3         66/13 68/7 72/20       area [17] 2/24 2/24       165/23 166/18 174/14       assistance [4] 25/11       avoid [1] 121/11         72/22 94/4 94/7       3/1 3/2 3/6 62/19 63/6       179/19 186/8 188/4       assisted [1] 24/8       20/19 20/24 21/21         105/14 109/3 112/14       63/17 63/19 64/3       188/7 188/18       associated [5] 22/13       21/23 45/15 45/21         116/4 123/22 123/23       98/24 99/2 101/2       Arran [3] 91/9 92/3       23/17 50/4 70/15       46/4 46/5 46/11 48/18         159/16       130/3 166/12 166/14       107/21       112/17       48/20 64/24 72/4 72/6	148/1				
9/17/9/2141/150/3       188/21 189/2 189/6       161/8 163/16 164/22       152/5 167/24       123/3         50/9 60/24 61/18       189/7       165/23 166/18 174/14       assistance [4] 25/11       avoid [1] 121/11         66/13 68/7 72/20       area [17] 2/24 2/24       177/6 178/4 179/15       78/3 79/22 127/18       avoid [1] 121/11         72/22 94/4 94/7       3/1 3/2 3/6 62/19 63/6       179/19 186/8 188/4       assisted [1] 24/8       20/19 20/24 21/21         105/14 109/3 112/14       3/1 7 63/19 64/3       188/7 188/18       associated [5] 22/13       21/23 45/15 45/21         116/4 123/22 123/23       98/24 99/2 101/2       Arran [3] 91/9 92/3       23/17 50/4 70/15       46/4 46/5 46/11 48/18         159/16       130/3 166/12 166/14       107/21       112/17       48/20 64/24 72/4 72/6					
50/9 60/24 61/18         189/7         165/23 166/18 174/14         assistance [4] 25/11         avoid [1] 121/11           66/13 68/7 72/20         area [17] 2/24 2/24         177/6 178/4 179/15         78/3 79/22 127/18         avoid [1] 121/11           72/22 94/4 94/7         3/1 3/2 3/6 62/19 63/6         179/19 186/8 188/4         78/3 79/22 127/18         avoid [1] 121/11           105/14 109/3 112/14         3/1 3/2 3/6 62/19 63/6         179/19 186/8 188/4         assisted [1] 24/8         20/19 20/24 21/21           116/4 123/22 123/23         63/17 63/19 64/3         188/7 188/18         associated [5] 22/13         21/23 45/15 45/21           124/15 138/8 138/22         98/24 99/2 101/2         Arran [3] 91/9 92/3         23/17 50/4 70/15         46/4 46/5 46/11 48/18           159/16         130/3 166/12 166/14         107/21         112/17         48/20 64/24 72/4 72/4					
66/13 66/17 12/20         area [17]         2/24 2/24         177/6 178/4 179/15         78/3 79/22 127/18         aware [34]         20/16           72/22 94/4 94/7         3/1 3/2 3/6 62/19 63/6         179/19 186/8 188/4         assisted [1]         24/8         20/19 20/24 21/21           105/14 109/3 112/14         63/17 63/19 64/3         188/7 188/18         associated [5]         22/13         21/23 45/15 45/21           124/15 138/8 138/22         98/24 99/2 101/2         Arran [3]         91/9 92/3         23/17 50/4 70/15         46/4 46/5 46/11 48/18           159/16         130/3 166/12 166/14         107/21         112/17         48/20 64/24 72/4 72/4 72/6					
12/22 94/4 94/7       3/1 3/2 3/6 62/19 63/6       179/19 186/8 188/4       assisted [1] 24/8       20/19 20/24 21/21         105/14 109/3 112/14       63/17 63/19 64/3       188/7 188/18       associated [5] 22/13       21/23 45/15 45/21         116/4 123/22 123/23       98/24 99/2 101/2       Arran [3] 91/9 92/3       23/17 50/4 70/15       46/4 46/5 46/11 48/18         124/15 138/8 138/22       130/3 166/12 166/14       107/21       112/17       48/20 64/24 72/4 72/6					
105/14       109/3       112/14       63/17       63/19       64/3       188/7       188/7       188/18       associated [5]       22/13       21/23       45/15       45/15       45/21         116/4       123/22       123/23       98/24       99/2       101/2       Arran [3]       91/9       92/3       23/17       50/4       70/15       46/4       46/5       46/11       48/20         129/16       130/3       166/12       166/14       107/21       112/17       48/20       64/24       72/4       72/6					
110/4 123/22 123/23       98/24 99/2 101/2       Arran [3] 91/9 92/3       23/17 50/4 70/15       46/4 46/5 46/11 48/18         124/15 138/8 138/22       130/3 166/12 166/14       107/21       112/17       48/20 64/24 72/4 72/6					
159/16 130/3 166/12 166/14 107/21 112/17 48/20 64/24 72/4 72/6				23/17 50/4 70/15	46/4 46/5 46/11 48/18
167/19         arrange [1]         125/10         Association [1]         88/24         92/25         100/18					48/20 64/24 72/4 72/6
		167/19	arrange [1] 125/10	Association [1]	88/24 92/25 100/18

(52) applied - aware

	01/11 01/12 02/2 02/5	7/10 06/0 07/05 07/05	7/7 0/21 10/15 10/21	hatwaan [24] 2/2
Α	91/11 91/13 92/2 92/5 93/23 94/2 94/4 94/8	7/10 86/9 87/25 87/25 88/15 88/17 89/19	7/7 9/21 10/15 10/21 13/22 25/7 27/4 33/10	between [21] 2/3 6/22 10/8 12/1 19/14
aware [16] 100/20	93/23 94/2 94/4 94/8	89/19 90/19 90/20	40/5 44/7 44/11 46/4	19/16 28/15 46/6
101/12 103/18 103/21	95/17 95/22 95/22	90/25 91/1 91/1 91/2	48/15 50/17 50/19	74/10 92/19 94/3 95/8
106/23 106/25 120/7	96/20 100/15 100/16	95/12 95/22 95/24	54/2 56/6 59/25 63/22	107/8 112/4 144/5
134/16 137/14 140/13	105/20 105/21 106/11	96/3 96/6 108/4	67/5 67/10 68/2 69/19	149/12 150/3 153/7
148/2 165/11 181/24			70/20 78/11 80/10	155/14 156/4 156/9
182/11 183/21 184/11	106/18 108/7 108/8 108/14 108/15 109/14	108/17 108/25 109/1	82/11 82/18 82/20	
awareness [2] 49/3	112/16 112/23 113/1	109/20 111/19 113/5 113/16 114/21 115/18		between March 2020
176/13	113/8		84/18 85/5 85/25	[1] 107/8
away [7] 4/17 33/15	basic [1] 168/9	<b>been [111]</b> 5/1 5/6 6/3 7/19 9/19 10/9	87/10 90/11 91/11	beyond [10] 3/3 3/5 54/12 55/18 68/14
82/16 121/7 129/22	basing [1] 69/9	14/23 16/1 20/17	98/23 100/20 101/13	71/22 97/24 100/16
142/15 168/12	basis [19] 12/25	23/17 25/11 25/18	102/16 102/24 103/12	
Ayr [1] 109/23	23/11 24/22 28/5 46/1	25/18 25/19 28/11	103/16 104/2 104/5	big [2] 133/19 188/8
Ayrshire [3] 91/9	67/5 68/2 93/16 95/15	31/17 32/18 34/5 34/5		biologically [1] 58/18
92/3 107/21	98/14 103/13 110/14	34/22 35/2 46/9 50/12		birth [3] 154/1 154/8
В	112/6 150/21 154/3	52/22 52/24 54/20	112/7 113/13 114/9	158/25
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13.11         13.93         15.98         52/12         52/12         medical [23]         1/11         221         15.75         1/11 <td></td> <td>Manchester [1]</td> <td>37/10 51/3 51/10 52/6</td> <td>112/2 139/4 141/14</td> <td></td>		Manchester [1]	37/10 51/3 51/10 52/6	112/2 139/4 141/14	
71/10         manual (2)         44/17         2/13         4/15         7/20         mignt (2)         7/21         5/21           100/20         10/43         117/4         6/24         6/23         6/36         6/36         6/37         7/21         5/21         6/21         6/21         6/21         6/21         6/21         6/21         6/21         6/21         6/21         6/21         6/21         6/21         6/21         6/21         6/21         6/21         1/21 <td></td> <td>155/8</td> <td>52/19 58/7 59/24</td> <td>medical [23] 1/11 2/2</td> <td>151/1 153/8 155/14</td>		155/8	52/19 58/7 59/24	medical [23] 1/11 2/2	151/1 153/8 155/14
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168/15       179/16       180/14       144/5       14/5       149/14       15/3       56/9       68/22       68/24       ministers       [2]       72/16       ministers       [2]       39/13       40/13         186/16       168/19       168/19       150/9       68/22       68/24       ministers       [2]       72/16       ministers       [2]       39/13       40/13       39/23       40/13       39/23       40/13       39/23       40/13       39/23       40/13       41/9       45/14       41/9       45/14       41/9       45/14       41/9       45/14       41/9       45/14       41/9       45/14       41/9       45/14       41/9       45/14       41/9       45/14       41/9       45/14       41/9       45/14       41/9       45/14       41/9       45/14       41/9       45/14       41/9       45/14       41/9       41/9       45/14       41/9       41/14       41/9       41/14 <td></td> <td>135/15 136/2 136/25</td> <td>33/23 33/24 36/16</td> <td>meets [1] 175/5</td> <td>136/14</td>		135/15 136/2 136/25	33/23 33/24 36/16	meets [1] 175/5	136/14
186/16       186/19       187/6       150/3       150/8       122/7       145/11       163/9       36/11       181/1					
188/22 189/15 190/5       march 2020 [1] 6/22       168/9 186/11 188/16       member's [2] 6/72       41/9 45/12 45/14         85/13 118/6 123/13       marks [2] 77/2       mask [3] 7/6 18/9       marks [2] 77/2       means [5] 95/11       member's [13] 4/11       67/9       46/10 66/8 67/21         86/3       maks [3] 7/6 18/9       mask [8] 13/21 14/2       156/8       means [5] 95/11       member's [13] 4/11       67/9       46/10 66/8 67/21         9/19 14/9 14/22 20/16       69/13 85/20 88/13       13/24       156/8       13/24       3/21 14/9 14/22 20/16       69/13 85/20 88/13         186/3       mask [8] 13/21 14/2       156/8       meant [3] 13/24       3/21 14/25 181/11       16/6 66/6 17/49 17/11       88/23 88/23 11/28         19/17 10/17       68/22 84/13       156/7 163/20       meastre [4] 44/23       3/21 14/25 181/11       16/6 17/49 17/11       17/4/15 175/4 17/5/4         13/919 147/7 148/22       13/17 13/20       13/21       memory [3] 14/4       minoritis [3] 51/2       minoritis [3] 51/2       minoritis [3] 10/25       15/12 15/2       minoritis [3] 10/25       15/25 12/2       minoritis [3] 10/25       16/25 72/1 48/2       16/25 72/1 8/1       14/13 45/5 45/9 45/10       mentor [2] 32/1       minoritis [3] 10/25       16/25 12/2       16/25 12/2       16/25 12/2       16/25 12/2       16/25 12/2 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
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186/3       mask [6]       13/21       14/2       150/8       21/10       21/10       30/23       80/23       80/23       80/23       12/26         making [17]       10/17       66/17       66/26       meant [3]       13/24       32/21       46/25       181/11       165/6       162/3       80/23 <td></td> <td></td> <td></td> <td></td> <td></td>					
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139/19       14/17       143/22       15/13       27/6       45/25       54/12       55/18       57/1       43/4       44/13       45/2       14/21       115/16       minority [3]       51/2       52/14       53/22         190/21       54/12       55/18       57/1       43/4       44/6       44/8       44/10       men [1]       2/11       52/14       53/22       51/2       52/14       53/22       51/2       52/14       53/22       51/2       52/14       53/22       51/2       52/14       53/22       52/14       53/22       52/14       53/22       51/2       52/25       60/12       61/4       56/20       56/20       56/24       56/20       56/24       56/20       56/24       56/26       56/24       56/26       56/24       56/26       56/24       56/26       56/27       145/5       145/5       147/2       156/16       153/21       165/25       72/1       84/23       85/4       70/12       71/2       75/15       75/17       190/17       mention [2]       32/1       32/1       139/6       Mitchell [4]       33/4       33/6       36/21       192/8       14/21       146/16       110/17       190/17       190/17       106/21       160/21 <td></td> <td></td> <td></td> <td></td> <td></td>					
137/15       136/10       190/7       54/12       55/9       55/18       57/1       43/4       44/6       44/10       men [1]       2/11       52/14       53/22       minutes [3]       109/25         27/7       28/14       39/7       40/18       55/25       52/5       55/18       57/2       55/25       55/26       55/25       55/27       55/25       55/27       55/25       55/27       55/25       55/27 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
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121/1 122/8 124/18       136/10 140/10 144/23       whole-systems [1]       women's [1] 136/15       141/2 141/21 169/19         128/9 134/3 137/10       146/25 149/3 151/22       89/17       won't [1] 191/1       173/24         140/22 152/11 153/10       151/24 157/23 159/8       whom [6] 19/8 25/7       won't [1] 191/1       workplace [4] 10/19         161/14 161/17 161/18       161/21 161/25 166/25       34/20 43/13 75/11       14/12 141/2 141/21 169/19       workplace [4] 10/19         163/25 172/9 174/25       168/25 169/5 170/18       116/15       wondering [1] 35/22       works [2] 9/4 19/16       15/13 30/24 50/24         175/7 175/12 175/25       171/10 176/18 178/11       146/25 149/3 181/2       whose [5] 44/8 44/25       works [70] 4/13 4/17       works [2] 134/5         171/0 176/18 178/11       182/18 183/23 185/8       90/1 101/5 115/10       work [70] 4/13 4/17       works [2] 134/5       137/2         189/3       while [3] 22/21 47/18       30/15 47/20 65/3       31/17 32/13 32/16       work [70] 4/13 4/17       138/4         126/6       whilst [16] 33/25       67/19 68/7 68/20 69/3       31/17 32/13 32/16       148/4       world [3] 61/2 64/5         11/24 112/22 124/17       139/24 154/20 164/3       132/11 136/3 138/23       141/11 41/12 55/14       worldwide [1] 81/10         12/24 152/20 161/12       <		132/16 134/4 135/9	101/3 106/3	161/7	135/20 139/1 140/22
128/9       134/3       137/10       146/25       149/3       151/22       89/17       wont [1]       191/1       173/24         140/22       152/11       153/20       151/24       157/23       159/8       whom [6]       19/8       25/7       wonder [3]       12/19       15/13       30/24       50/24         161/14       161/17       161/25       166/25       166/25       34/20       43/13       75/11       wonder [3]       12/19       15/13       30/24       50/24         161/21       161/25       166/25       170/18       116/15       wonder [3]       12/19       15/13       30/24       50/24         175/7       175/7       175/72       175/5       171/10       176/18       178/11       116/15       works [2]       9/4       19/16       works [2]       134/5       137/2       works [2]       134/4       132/4       136/3       136/3       136/3       136/3       136/3       136/3       136/3       136/3       136/3       136/3       <			whole-systems [1]		
140/22 152/11 153/10       151/24 157/23 159/8       whom [6] 19/8 25/7       wonder [3] 12/19       workplace [4] 10/19         161/14 161/17 161/18       161/21 161/25 166/25       34/20 43/13 75/11       14/11 53/5       15/12 45/2         163/25 172/9 174/25       168/25 169/5 170/18       116/15       worderig [1] 35/22       works [2] 9/4 19/16       137/2         175/7 175/12 175/25       171/10 176/18 178/11       whose [5] 44/8 44/25       words [2] 9/4 19/16       137/2         whereas [2] 155/6       182/18 183/23 185/8       90/1 101/5 115/10       why [19] 4/1 15/4       4/23 14/18 16/13 28/4       138/4         whereby [1] 55/11       whilst [16] 33/25       67/19 68/7 68/20 69/3       31/17 32/13 32/16       148/4         world [3] 61/2 64/5       132/11 136/3 138/23       31/17 32/13 32/16       148/4         world [3] 61/2 64/5       132/11 136/3 138/23       41/11 41/12 55/14       worldwide [1] 81/10         worldwide [1] 11/2       152/24 155/20 161/12       164/19       87/2 96/15 99/2 99/9       world [2] 82/3 169/3         93/5 104/3 109/22       162/13 180/23       wide [1] 77/3       99/10 99/23 100/13       wouldn't [3] 65/11         110/15 110/16 110/17       white [1] 178/13       widely [3] 101/10       100/14 101/3 102/7       187/18 188/12					
161/14       161/12					
163/25 172/9 174/25       168/25 169/5 170/18       116/15       wondering [1] 35/22       works [2] 134/5         175/7 175/12 175/25       171/10 176/18 178/11       182/18 183/23 185/8       whose [5] 44/8 44/25       words [2] 9/4 19/16       137/2         whereas [2] 155/6       189/3       while [3] 22/21 47/18       why [19] 4/1 15/4       4/23 14/18 16/13 28/4       138/4         whereby [1] 55/11       whilst [16] 33/25       67/19 68/7 68/20 69/3       31/17 32/13 32/16       148/4         wherever [1] 157/19       whilst [16] 33/25       67/19 68/7 68/20 69/3       31/17 32/13 32/16       148/4         world [3] 61/2 64/5       148/4       132/11 136/3 138/23       11/1/1 41/12 55/14       world [4] 81/10         wherever [4] 53/5       59/16 63/5 71/21       152/24 155/20 161/12       139/24 154/20 164/3       65/8 74/12 84/2 84/6       worth [2] 82/3 169/3         93/5 104/3 109/22       162/13 180/23       wide [1] 77/3       99/10 99/23 100/13       would [212]         widely [3] 101/10       100/14 101/3 102/7       187/18 188/12					
175/7 175/12 175/25 178/3 181/14 185/2       171/10 176/18 178/11       whose [5] 44/8 44/25       words [2] 9/4 19/16       137/2         whereas [2] 155/6 189/3       while [3] 22/21 47/18       90/1 101/5 115/10       work [70] 4/13 4/17       4/23 14/18 16/13 28/4       138/4         whereby [1] 55/11       whilst [16] 33/25       67/19 68/7 68/20 69/3       31/17 32/13 32/16       138/4       world [3] 61/2 64/5         wherever [1] 157/19       whilst [16] 33/25       67/19 68/7 68/20 69/3       31/17 32/13 32/16       148/4         99/12 75/15 96/18       132/11 136/3 138/23       41/11 41/12 55/14       worldwide [1] 81/10         99/15 104/3 109/22       111/24 112/22 124/17       139/24 154/20 164/3       65/8 74/12 84/2 84/6       world [2] 82/3 169/3         93/5 104/3 109/22       162/13 180/23       wide [1] 77/3       99/10 99/23 100/13       would [212]         widely [3] 101/10       100/14 101/3 102/7       187/18 188/12					
178/3 181/14 185/2       while [3] 22/21 47/18       why [19] 4/1 15/4       4/23 14/18 16/13 28/4       138/4         whereas [2] 155/6       126/6       30/15 47/20 65/3       28/6 30/12 30/18 31/3       148/4         whereby [1] 55/11       whilst [16] 33/25       67/19 68/7 68/20 69/3       31/17 32/13 32/16       148/4         wherever [1] 157/19       whilet [16] 33/25       67/19 68/7 68/20 69/3       31/17 32/13 32/16       148/4         world [1] 81/10       99/12 75/15 96/18       132/11 136/3 138/23       41/11 41/12 55/14       worldwide [1] 81/10         whether [40] 53/5       59/16 63/5 71/21       152/24 155/20 161/12       139/24 154/20 164/3       65/8 74/12 84/2 84/6       worth [2] 82/3 169/3         93/5 104/3 109/22       162/13 180/23       wide [1] 77/3       99/10 99/23 100/13       would [212]         widely [3] 101/10       100/14 101/3 102/7       187/18 188/12					
whereas [2]       155/6       126/6       30/15 47/20 65/3       28/6 30/12 30/18 31/3       world [3]       61/2 64/5         189/3       whilst [16]       33/25       67/19 68/7 68/20 69/3       31/17 32/13 32/16       148/4         whereby [1]       55/11       whilst [16]       33/25       67/19 68/7 68/20 69/3       31/17 32/13 32/16       148/4         wherever [1]       157/19       42/1 60/15 63/6 65/11       69/12 75/15 96/18       132/11 136/3 138/23       41/11 41/12 55/14       worldwide [1]       81/10         69/12 75/15 96/18       111/24 112/22 124/17       139/24 154/20 164/3       65/8 74/12 84/2 84/6       worth [2]       82/3 169/3         59/16 63/5 71/21       152/24 155/20 161/12       164/19       87/2 96/15 99/2 99/9       would [212]         93/5 104/3 109/22       162/13 180/23       wide [1]       77/3       99/10 99/23 100/13       wouldn't [3]       65/11         110/15 110/16 110/17       white [1]       178/13       widely [3]       101/10       100/14 101/3 102/7       187/18 188/12					
109/5       whilst [16] 33/25       67/19 68/7 68/20 69/3       31/17 32/13 32/16       148/4         whereby [1] 55/11       42/1 60/15 63/6 65/11       73/19 91/21 104/11       33/15 33/21 36/12       worldwide [1] 81/10         whether [40] 53/5       69/12 75/15 96/18       132/11 136/3 138/23       41/11 41/12 55/14       worldwide [1] 81/10         59/16 63/5 71/21       111/24 112/22 124/17       139/24 154/20 164/3       65/8 74/12 84/2 84/6       worth [2] 82/3 169/3         71/25 87/10 87/24       152/24 155/20 161/12       164/19       87/2 96/15 99/2 99/9       would [212]         93/5 104/3 109/22       162/13 180/23       wide [1] 77/3       99/10 99/23 100/13       wouldn't [3] 65/11         110/15 110/16 110/17       white [1] 178/13       177/3       100/14 101/3 102/7       187/18 188/12					
whereby [1]       55/11         whereby [1]       55/11         wherever [1]       157/19         whether [40]       53/5         59/16       63/5         59/16       63/5         71/25       87/10         93/5       104/3         10/15       110/15         110/15       110/16       132/11       33/15     33/21     36/12     41/11     41/2     55/14     worldwide [1]     81/10     worrying [1]     147/5     41/11     41/2     55/14     65/8     74/12     84/2     84/6     worth [2]     82/3     169/3     worldwide [1]     81/10     worldwide [1]     147/5     worldwide [1]     147/5     worldwide [1]     147/5     worldwide [1]     147/5     worldwide [1]     82/3     169/3     worldwide [1]     82/3     169/3     worldwide [1]     82/3     169/3     worldwide [1]     81/10     would [212]     would [212]     would [212]     wouldn't [3]     65/11     100/14     101/3     100/14     101/3     100/14     187/18     188/12     187/18     188/12     187/18     188/12     187/18     188/12     187/18     188/12     187/18     188/12					
wherever [1]       157/19       69/12       75/15       96/18       132/11       136/3       138/23       41/11       41/12       55/14       worrying [1]       147/5         59/16       63/5       71/21       111/24       112/22       124/17       139/24       154/20       164/19       65/8       74/12       84/2       84/6       worrying [1]       147/5         93/5       104/3       109/22       162/13       180/23       164/19       87/2       96/15       99/2       99/9       would [212]       would [212]       would [1]       77/3       99/10       99/10       99/23       100/13       187/18       188/12					
widetner [40]       53/5       111/24       12/22       124/17       139/24       154/20       164/3       65/8       74/12       84/2       84/6       worth [2]       82/3       169/3         59/16       63/5       71/21       152/24       155/20       161/12       164/19       87/2       96/15       99/2       99/9       would [212]         93/5       104/3       109/22       162/13       180/23       wide [1]       77/3       99/10       99/23       100/13       100/14       101/3       102/7       187/18       188/12					
39/10/03/57/1/21       152/24       155/20       161/12       164/19       87/2 96/15       99/2       99/9       would [212]         93/5       104/3       109/22       162/13       180/23       wide [1]       77/3       99/10       99/23       100/13       would [212]         110/15       110/16       110/17       white [1]       178/13       widely [3]       101/10       100/14       101/3       102/7       187/18       188/12					
93/5 104/3 109/22 162/13 180/23 wide [1] 77/3 99/10 99/23 100/13 wouldn't [3] 65/11 110/15 110/16 110/17 white [1] 178/13 widely [3] 101/10 100/14 101/3 102/7 187/18 188/12			164/19	87/2 96/15 99/2 99/9	
110/15 110/16 110/17 white [1] 178/13 widely [3] 101/10 100/14 101/3 102/7 187/18 188/12					
who [128]         3/20         4/2         109/9         160/19         102/20         111/9         120/23         written [3]         35/18					
		who [128] 3/20 4/2	109/9 160/19	102/20 111/9 120/23	written [3] 35/18

(83) what's... - written

W	185/13 189/9		
written [2] 50/22	yesterday [2] 86/8		
122/17	87/17		
wrote [4] 53/24 55/2	<b>yet [3]</b> 131/10 177/8 190/15		
139/18 150/15	you [401]		
Y	you know [24] 16/5		
yeah [19] 67/18	24/16 36/2 48/7 49/6		
71/18 74/19 84/4 88/1	70/12 71/8 103/24   105/25 111/13 111/16		
89/3 105/25 106/14 106/25 108/15 114/14	111/00 117/1 100/10		
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129/6 132/2 155/11			
167/6 168/23	179/15 187/22 188/6 190/16		
year [11] 73/23 74/16 74/18 102/11 105/14	you'll [2] 88/22		
124/3 124/20 124/21	157/20		
169/5 171/8 176/4	you're [12] 35/9		
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34/25	141/2 150/2 182/15		
yellow [1] 62/5 yes [135] 2/8 4/14	187/20 187/21		
5/18 8/13 10/11 11/20	you've [22] 32/12		
12/3 13/19 14/4 16/16			
18/12 18/18 20/7	95/25 107/6 109/15		
21/16 24/5 26/24 28/21 30/1 32/7 32/10	110/04 110/0 100/04		
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37/17 38/12 38/23	177/4 180/23 182/4		
39/6 40/4 40/6 40/24	190/14 190/25 young [6] 138/4		
41/3 43/14 43/20 48/20 50/20 51/16	138/6 138/13 138/16		
51/16 53/17 54/5 56/8	138/24 139/3		
57/20 59/22 60/2	your [78] 1/7 2/15 3/9		
60/15 61/8 61/17	3/13 4/24 5/14 8/18 10/22 13/13 14/1		
61/17 61/20 61/20 64/13 64/21 64/23	15/17 16/17 30/9		
64/23 65/2 65/22	32/22 32/24 33/9		
65/22 66/3 67/15 70/9	35/18 36/24 37/6 37/15 38/3 38/10		
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78/13 79/24 81/19 84/4 84/10 86/15	47/17 50/15 56/9		
86/16 87/5 87/8 87/12	56/14 57/13 58/12		
92/12 94/19 95/4 95/4	59/24 61/15 70/6 73/16 74/24 75/5		
97/5 98/4 100/10 100/14 102/18 104/16	00/46 06/44 02/40		
106/16 107/12 107/23	0510 404145 404140		
114/5 114/11 114/11	104/10 105/1 108/6		
114/13 116/6 119/20	112/13 123/21 128/18 131/21 139/24 142/21		
120/21 122/16 122/23	143/19 144/3 149/8		
131/5 132/2 133/3 133/16 133/16 137/16	440/47 450/44 455/2		
137/16 137/25 138/20	158/3 165/17 166/23		
140/22 141/3 141/19			
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158/9 159/12 159/19	182/22 185/1 185/2		
160/7 164/6 164/22	187/21 188/14		
166/19 167/4 167/4	Z		
167/9 168/9 168/20 170/15 173/2 179/9	zone [1] 34/19		
181/6 182/3 182/11			
			(0.4)
			(84) written zone