

Message

From: psmatthancock [psmatthancock@dhsc.gov.uk]
on behalf of psmatthancock <psmatthancock@dhsc.gov.uk> [psmatthancock@dhsc.gov.uk]
Sent: 13/04/2020 10:43:22
To: Tom Shinner [TShinner@no10.gov.uk]; simon.ridley@cabinetoffice.gov.uk
CC: c-19.secretariat@cabinetoffice.gov.uk
Subject: Action (2) from 10 April PPE meeting
Attachments: 20200412 Key PPE - Demand and supply forecast.xlsx; 2020 04 10 PPE Dashboard - For visual purpose only.xlsx

Hi Tom, Simon,

Attached and below are the content for action 2 from the 9:45 PPE meeting on Friday, with apologies for the delay in returning this data.

Attached data:

Attached is the data that came from an action from the 9:45 testing meeting on Friday copied below. The numbers in the spreadsheet are burn rates of PPE assuming that hospitals/care settings are following the PPE guidance across the UK. The supply data was paused over the weekend because of data issues but this is all in hand and should be sorted today.

Actions:

2. DHSC to provide the data identified in Action 3 to No 10 (TOM SHINNER) and CABINET SECRETARIAT (SIMON RIDLEY) by close on Sunday 12 April.
3. DHCS, working with MHCLG, to deliver a second drop of PPE through LRFs next week with assurance on timetables, including through drawing on army support as previously. Please would you provide an update to the Secretariat on this by COP Sunday 12 April.

Timelines

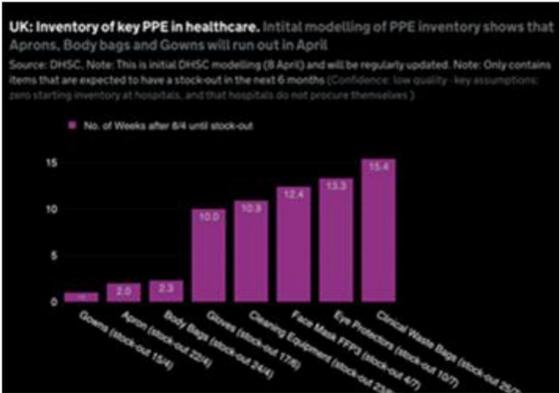
In terms of date of arrival of an order, the MoD team are working on this. There is now an MoD logistics team working directly on this issue. A 'data lock-in' was held over the weekend which identified problems and solutions to establish a new process in the recording of dates both for future purchases and in the backlog. They are seeking to resolve this ASAP and as a matter of urgency, however there is a large amount of work to be done to gather information on each purchase and that will be time consuming so assurances couldn't be given for the coming day or two.

Follow up Qs

Tom – I believe you had follow up questions that you raised with Jonathan Marron, responses to those questions from the policy team are below.

There are concerns regarding the data flows at the moment into the order systems for in bound supplies which are due to be fixed over the next couple of days and as such there are some concerns over the stock out positions shown here. The pack seeks to address the following and explains further some of the issues with the inbound supply data:

REQUEST	ANSWER
The spreadsheet showing the maths behind this chart – i.e. what's the numerator and denominator that gets to each of these aggregate figures <i>and how are those figures broken down?</i>	We will provide a table with each column being a date, starting today and the following rows: <ul style="list-style-type: none">• Inventory (i.e., stock in warehouses)• In-bound supply (i.e., when will new stock be arriving in the warehouse)• Daily demand (i.e., how much do we think the system needs to use on that day)



We will then show that the #weeks until stock out is calculated by when the inventory row (which is calculated by taking the starting inventory and then removing each day the demand and replacing it with any inbound supply) goes negative (i.e., stock out)

We will do this for each of the PPE items and provide all this data in an xls table.

Note that the data we are most uncertain of and are having the most challenges with is the inbound supply – we may not have resolved this by EOD. The root of this problem is that the buying / making teams who are securing this are not recording inbound dates (i.e., they just ‘secure’ an order) then someone needs to chase the supplier to find out when it will be available for shipping and arrange shipping, which currently is not well recorded.

Supply bar / demand curve charts. For each PPE type above, a simple supply bars / demand curve 3 month graph, akin to the ventilators one, showing for each week:

TOTAL supply (i.e. expected stock held) bars:

- i. Stacked by domestic manufacture / foreign purchase
 - ii. Arrival into top of UK supply chain (i.e. I assume this means arrival in DH warehouse?)
 - iii. Only confirmed orders / orders in which you’re confident
- Demand curve 1: health and social care only
 Demand curve 2: Health and social care PLUS all other uses the Government intends to service

This is the same data as detailed above, just expressed in chart form, with some of the data split out, specifically:

- In-bound supply split by domestic/foreign etc.
- Demand split into Health & Social Care & OGDs

As per the above, the demand data is ok, but the inbound supply data is challenging and currently under review.

Supporting data tables for (2): showing how the figures in those charts are broken down, comprising:

On supply, the sources of supply, marked by whether domestic or foreign, broken down into whatever level of granularity you think appropriate;

On demand, a breakdown of how we have arrived at those figures - for example, a row for Prisons, a row for care homes, a row for the police, a row for LRFs, etc.

Yes, this is all the same data tables but in this one they have asked for the breakdown by user (e.g., acutes, prisons etc.) – we can provide this.

The supply data is currently being reviewed which has held up some of this work. Once that is complete the breakdowns will be more readily available.

Daily feed: confirmation that you’re happy with the feed that is being provided to CCS for the dashboard (shown above) so I can rely on those figures being the best available from DH. Would it be possible to have a daily summary table into CCS and directly to me showing:

- The latest # weeks to stock out, as shown on the graph
- Weekly burn rate (i.e. total expected demand to be serviced)
- The previous five days’ figures for both of those?

I have attached a now outdated PPE dashboard that we share with CCS and would hope to continue being able to do this in the future. It has been paused for the past two days to enable a better understanding of supply data.

Thanks,

Name Redacted



Department
of Health &
Social Care

Name Redacted

Covid response - SofS Private Office

(Rota system with: Name Redacted Irrelevant & Sensitive) & Name Redacted Irrelevant & Sensitive

E: Name Redacted @dhsc.gov.uk

T: Irrelevant & Sensitive M: Irrelevant & Sensitive

This e-mail and any attachments is intended only for the attention of the addressee(s). Its unauthorised use, disclosure, storage or copying is not permitted. If you are not the intended recipient, please destroy all copies and inform the sender by return e-mail. Any views expressed in this message are not necessarily those of the Department of Health and Social Care. Please note: Incoming and outgoing email messages are routinely monitored for compliance with our policy on the use of electronic communications.