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PHE ERD Q2 FY 2019 – 20



# **DHSC**

## **Training and Exercises Programme**

### **Quarter 2 Report:**

#### **1 July to 30 September 2019**

**REPORT FOR THE DEPARTMENT OF HEALTH AND SOCIAL CARE'S  
EMERGENCY PREPAREDNESS, RESILIENCE AND RESPONSE BRANCH**

**Training and Exercises Report  
For Q2 FY 2019-20**

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**EXECUTIVE SUMMARY**

1. This report provides an update on PHE’s progress in delivering the FY 2019-20 Training and Exercise Programme which was agreed by the Partnership Group in December 2018.
2. The EPRR training courses for the first half of the FY 2019-20 programme have been delivered and the attendance numbers have been good. Expressions of interest and registrations from delegates for future courses remains high. The request to host a national Burns Network training exercise (Phoenix 2) using the Emergo Train System remains on hold. It may be requested by the Burns Network managers’ that this event be re-scheduled to the next financial year as a hybrid two-day exercise.
3. In accordance with this year’s EPRR PG exercise programme, during Q2 the Exercises Team delivered two NHS England & NHS Improvement (NHS E&I) regional tabletop exercises; Exercise Optimus for London Region and Exercise Perseus for North West Region. In addition, the team delivered a number of short-notice exercise projects and continued to support PHE’s International Health Regulations (IHR) Strengthening programme in Myanmar. We are still anticipating comments on the final draft of CMO’s AMR exercise package that we submitted in February. Due to increased staff-turnover during Q2, Exercises Team staff capacity has been reduced by some 30%. Whilst we are actively recruiting, this shortfall is likely to have an impact on our ability to deliver projects during Q3 and Q4.

**Personal Data**

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## **Introduction**

4. This report provides an update as at the end of Q2 on our progress towards meeting the agreed Training and Exercise Programme for FY2019-20. For ease, the majority of the information is contained in the annexes to the report:
  - Annex A: Update on Training Programme FY 2019-20
  - Annex B: Training Programme FY 2019-20
  - Annex C: Training Figures FY 2019-20
  - Annex D: Update on Exercise Programme FY 2019-20

## **Training Delivery**

5. The EPRR Training was delivered as scheduled for the second quarter and attendance figures for the face-to-face training has been good.

### Emergo

Exercise Tabanca (18<sup>th</sup> Sept) was an Emergo training exercise that explored the response to a mass casualty incident in the North-West of England. The feedback from the NHS Emergency Planners has been excellent, illustrating that the Emergo training exercise was worthwhile in preparing the hospitals in this area to respond to a mass casualty incident. The report is currently being prepared.

We continue to train the NHS in the use of the Emergo Train System. As well as providing them with access to the ETS resources for local training and exercises, the NHS are in turn providing PHE with valuable support during the delivery of the 8 planned exercises.

There was a delivery of a Level 3 Award in Education and Training during the last week of September, with two more courses planned in the winter.

We have made provision of additional Loggist Refresher (Virtual Classroom) courses to meet an increased demand for this training. As this is delivered online, there is no additional cost to the programme.

The Health Emergency Preparedness, Resilience and Response (HEPRR) programme is progressing well and is two-thirds of the way towards completion. An area of concern is the number of student withdrawals from the programme, which now stand at 6 of the 40 funded places. The withdrawals are due to 5 illnesses and one family bereavement; most of these learners have expressed an interest to defer their places to the next financial year. However, this decision rests with the Regional NHSE EPRR leads who are about to be invited to forward student

nominations for next year. The students who have deferred will be competing for the limited places with the expanding list of learners on the waiting list for the 2020/21 cohorts.

We have begun preparatory work to develop the extant 3-day face-to-face Award element of the HEPRR Diploma programme into a distance learning format. This is with the aim of increasing accessibility and the student numbers at no additional cost to the training budget. Three distance learning modules are being developed to be hosted onto the eHealth Learning Management system. These modules will be supported by Tutor-moderated virtual classrooms facilitated through Adobe Connect and an online collaborative forum. In this way the numbers of learners completing the Award qualification of HEPRR can be increased from 40 to 80. The numbers of learners progressing to the present face-to-face delivery of the Certificate and Diploma will remain the same at 40 delegates.

### **Exercise Delivery**

6. Annex D provides an update of progress on the agreed Exercise Programme.
7. During Q2, the Exercises Team delivered;
  - Exercise Optimus was a NHS E&I regional table top exercise (1 of 7) to explore the impacts on emergency response and recovery of changes across the NHS in London. The report has been reviewed by the exercise sponsor and its going through the final QC.
  - Exercise Perseus was a NHS E&I regional tabletop exercise (2 of 7) to assess the health response to a CBRN incident in the Greater Manchester area. The draft report is with the exercise sponsor for their review.
  - The strategic debrief to review the health response to the listeria incident that was linked to sandwich products supplied to NHS organisations. The report was promulgated on 9<sup>th</sup> August.
  - A tabletop exercise to review the arrangements for the Vaccines Shortage Response Group. The exercise sponsor, PHE EU Exit team, has provided a summary overview of the learning.
  - We have supported DHSC EPRR in their preparedness for EU Exit and assisted them in the development and delivery of Exercise Tiamat, a tabletop exercise to explore the working relationships between DHSC, Devolved Administrations and other partners following a no-deal EU EXIT.
  - As part of PHE's IHR Strengthening programme, we delivered a SIMEX in Myanmar and are developing additional exercises for delivery in Q4.

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8. As previously reported (Q4 FY 2018-19 and Q1 FY 2019-20), exercise sponsors have not been able to confirm their detailed requirements due to competing pressures, such as EU Exit. However, the 7 regional exercises for NHS E&I have now been confirmed.

9. Increased staff-turnover within the Exercises Team during Q2 means that we are currently recruiting for two Exercise Managers and two Exercise Coordinators, all on fixed term contracts. This represents some 30% of the team's capacity, so this is likely to have an impact on our ability to deliver projects during Q3 and Q4.

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**Annex A - Update on Training Programme FY 2019-20**

<b>Training</b>	<b>Number of courses</b>	<b>Comment</b>
HEPRR Programme	2 (5 modules per course)	Award, Certificate Parts 1 & 2 completed
Emergo Major Trauma Network Events	8	3 completed
Emergo Senior Instructor Course	4	3 completed
Level 3 Education & Training Course	4	2 completed
Structured Debriefing for Major Incidents and Exercises Train-the-Trainer	4	2 completed
Loggist Training	4	2 completed
Loggist Train-the-Trainer	4	2 completed
Loggist Refresher Training	12	6 completed
Training Design Workshops	4	Scheduled for Q3 & Q4

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<b>Training</b>	<b>Number of courses</b>	<b>Comment</b>
Defensible Decision Making	4	2 completed
Review and update all e-learning modules		Ongoing; as modules are updated they are being accredited with CPD.uk for the provision of CPD points
<b><u>PHE – Specific Training</u></b>		
STAC Chair Training	2	
PHE NICC Training	2	3 completed. Additional training course delivered as part of EU Exit preparedness
PHE Strategic Director Training	2	2 completed. This is additional training as part of EU Exit preparedness and to implement a Strategic Director rota for PHE



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**Annex B - Training Programme Dates and Locations FY 2019-20**

All courses are open to attend by any NHS or PHE delegate irrespective of home region.

<b>Emergo Trauma Network Training Exercises</b>	<b>Trauma Network</b>	<b>Region</b>
10 – 11 April 2019	Northern MTN	North
11 June 2019	Dorset County Hospital	South
18 Sept 2019	Lancashire & South Cumbria	North
14 Nov 2019	Poole & Bournemouth	South
10 Dec 2019	M&EW	Midlands
11 Dec 2019	M&E EoE	EoE
05 Mar 2020	SELKaM	London
w/c 23 Mar 2020	NW London	London

<b>Emergo Senior Instructor Courses</b>	<b>Location</b>	<b>Region</b>
30 April – 02 May 2019	Bournemouth	South
25 – 27 June 2019	London Heathrow	London
08 – 10 Oct 2019	Leeds	North
26 – 28 Nov 2019	Leicester	Mids & East

<b>Level 3 Education &amp; Training Courses</b>	<b>Location</b>	<b>Region</b>
15 - 19 July 2019	Chilton	
30 Sept – 04 Oct 2019	Leicester	
25 – 29 Nov 2019	Southampton	
17 – 21 Feb 2020	Reading	

<b>Training Design Workshops Dates</b>	<b>Location</b>	<b>Region</b>
19 Nov 2019	Leeds	North
20 Nov 2019	Leeds	North
10 Mar 2020	London	London
11 Mar 2020	London	London

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<b>DDM &amp; WWYL Workshops</b>	<b>Location</b>	<b>Region</b>
06 June 2019	Leicester	Mids & East
04 Sept 2019	Leeds	North
w/c 21 Oct 2019	London	London
22 Jan 2020	Bristol	South

<b>Loggist Training Courses</b>	<b>Location</b>	<b>Region</b>
04 June 2019	Leicester	Mids & East
30 July 2019	London	London
16 Oct 2019	Leeds	North
12 Feb 2020	Bristol	South

<b>Loggist Instructor Training</b>	<b>Location</b>	<b>Region</b>
05 June 2019	Leicester	Mids & East
31 July 2019	London	London
17 Oct 2019	Leeds	North
13 Feb 2020	Bristol	South

<b>Loggist Refresher Virtual Classroom</b>	<b>Time</b>
23 May 2019	10:00 – 12:00
03 July 2019	10:00 – 12:00
31 Oct 2019	10:00 – 12:00
06 Nov 2019	10:00 – 12:00
18 Dec 2019	10:00 – 12:00
28 Jan 2020	10:00 – 12:00
26 Feb 2020	10:00 – 12:00

<b>Structured Debriefing (Instructor)</b>	<b>Location</b>	<b>Region</b>
01 May 2019	Leeds	North
31 July 2019	Leicester	Mids & East
06 Nov 2019	Exeter	South
05 Feb 2020	London Heathrow	London

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<b>Health EPRR Programme</b>	<b>Module</b>	<b>Location</b>
17-19 Apr 2018	Award	Loughborough
24-26 Apr 2018	Award	London
25-27 Apr 2018	Award	Loughborough
02 – 04 April 2019	Award	Leeds
09 – 11 April 2019	Award	Leicester
02 – 05 July 2019	Certificate 1	Leeds
09 – 12 July 2019	Certificate 1	Leicester
10 – 13 Sept 2019	Certificate 2	Leeds
17 – 20 Sept 2019	Certificate 2	Leicester
07 – 10 Jan 2020	Diploma 1	Leeds
14 – 17 Jan 2020	Diploma 1	Leicester
16 – 20 Mar 2020	Diploma 2	Leeds
23 – 27 Mar 2020	Diploma 2	Leicester

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**Annex C - Training Figures FY 2019-20**

**Face to Face (F2F) Training**

	Training April 2019 - March 2020																																			
TRAINING PROGRAMME - STUDENT NUMBERS	NUMBERS TRAINED																																			
Training Courses	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	TOTAL	Places Available																						
	Q1						Q2						Q3						Q4																	
BTEC Level 3 Award in Education and Training						12	12			9	12				12						12				21	48										
Major Trauma Network Emergo	330	200			54	50					169	200				50		200						200	553	900										
Emergo Train System - Senior Instructor Course			17	24	18	24							20	24		24									55	96										
HEPRR Programme	40	40					40	40			34	40									40			40	114	200										
Loggist Training					18	35	33	35							35								35		51	140										
Loggist Instructor Training					6	20	20	20							20								20		26	80										
Loggist Refresher Training			10	10			6	10			7	10		10		10		10		10		10		16	40											
Training Design Workshop																								30	0	60										
Structured Debrief Course			9	16			14	16															16		23	64										
Defensible Decision Making Workshop					8	30					10	30											30		18	120										
<b>Training Course Totals</b>	370	240	36	50	104	159	125	133	0	0	229	292	20	89	0	172	0	210	0	80	0	93	0	270	877	1,748										
	Actual	Places	Actual	Places	Actual	Places	Actual	Places	Actual	Places	Actual	Places	Actual	Places	Actual	Places	Actual	Places	Actual	Places	Actual	Places	Actual	Places												

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**Technology Enhanced Learning (TEL)**

Training April 2019 - March 2020															
TRAINING PROGRAMME - STUDENT NUMBERS	NUMBERS TRAINED														Places Available
PHE eHealth e-Learning Portal, Clinical Management of CBRN injuries:	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	TOTAL	Places Available	
Anthrax	4	17	4	4	3	5							37		
Business Continuity	3	8	36	23	10	3							83		
Burns & Blasts	0	6	1	3	0	3							13		
CBRN: Initial Operational Response	1	2	1	1	0	0							5		
Chemical Incidents	1	7	4	0	2	2							0		
Clinical Commissioning Groups	3	4	1	2	3	2							15		
Decontamination (CPD Accredited)	1	4	2	2	2	3							14		
Defensible Decision Making (CPD Accredited)	1	5	4	2	3	2							17		
Ebola	0	8	3	5	3	3							22		
Emergency Response in the NHS	3	9	2	7	5	6							32		
Emergo Trauma Networks	9	45	2	1	0	77							134		
Flooding	1	4	3	1	0	1							10		
Heatwave	0	4	5	6	1	1							17		
Legal Aspects of EPRR (CPD Accredited)	4	7	2	3	4	2							22		
Loggist Refresher (CPD Accredited)	8	10	12	10	20	10							70		
NHS On Call Arrangements	0	0	0	0	4	2							6		
Pandemic Influenza	2	9	2	5	2	3							23		
Plague	0	7	2	0	0	4							13		
Psychological First Aid (CPD Accredited)	2	5	1	0	4	2							14		
Rabies													0		
Radiation (CPD Accredited)	1	3	5	1	2	2							14		
Smallpox		5	2	0	1	4							12		
Tick Awareness	1	2	3	5	4	5							20		
Winter Pressures	1	7	4	0	0	2							14		
Working with your Loggist (CPD Accredited)	6	6	10	8	6	7							43		
<b>E-learning Totals</b>	<b>52</b>	<b>184</b>	<b>111</b>	<b>81</b>	<b>73</b>	<b>144</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>650</b>		

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**Annex D - Update on Exercises Programme FY 2019 - 20**

This version is based on the EPRR PG submission to 17 December 2018 meeting, with inclusion of sponsor, proposed delivery date and comments

End Q2 Update				
Exercise	Sponsor	Level	Delivery	Comment
Regional Exercises x 4	NHS England	Regional		Agreed in Feb 19 that these exercises will be allocated to provide each of the new seven NHS regions with an exercise
Contingency Exercises x 3	NHS England	Regional		
1. NHS North East & Yorkshire			Q4	Exercise scheduled for Q4; working on developing scope
2. NHS North West			Q2	Ex Perseus delivered on 18 Sep in Manchester. CBRN TTX
3. NHS Midlands			Q3	Ex Eris planned delivery on 10 Oct in Derby. TTX on information services BC
4. NHS East of England			Q3	Ex Horus planned delivery 16 Oct in Stanstead. TTX to consider changes to NHS in the Region
5. NHS London			Q2	Ex Optimus delivered on 24 Jul 19. TTX to consider changes to NHS in London.
6. NHS South East			Q4	Planned delivery 6 Feb 20. Mass Cas recovery TTX. Planning has now started
7. NHS South West			Q4	Planned delivery 4 Mar 20. Mass Cas recovery TTX. Planning has now started
Programme Tanner	DHSC	National		In Feb 19 DHSC agreed that Tanner would be put on hold during EU Exit and work not expected to resume until summer 2019
Exercise Chromium				Field Trial
Exercise Beamhouse				CPX
Health EPRR Annual Conference	NHS England	National	Q4	Awaiting instructions. Possible date of Week 16 March 2020
National Exercise 1 of 2	NHS England	National	Q3	Awaiting instructions, but potentially linked to on-going HCID work and RWS (ongoing EVD outbreak in DRC)? At Tripartite

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End Q2 Update				
Exercise	Sponsor	Level	Delivery	Comment
				HDG 17 Jul, it was agreed that this exercise should be planned post EU Exit
National Exercise 1 of 2	DHSC	National		Awaiting instructions, but potentially linked to review of tripartite CONOP?
Pandemic Influenza	NHS England	National	Q4	At Tripartite HDG 17 Jul, it was agreed that this requirement should slip to Q4 to enable HCID type exercise to take place after EU Exit
Review OTSEs	PHE ERD		Q4	ongoing
PHE Exercise	PHE	National	Q4	Agreed for Week 24 <sup>th</sup> February 2020. Planning has started

Additional Exercise Projects				
Exercise	Sponsor	Level	Delivery	Comment
<b>Q1</b>				
Ex Damask 2	DHSC Digital	National	Q1	- DHSC EPRR agreed on 11 Mar to include this exercise in the programme. - Ex Damask 2 held on 6 <sup>th</sup> June in London
BC TTX for NHS Lancs & Cumbria	NHS England	Regional	Q1	- Tasked by NHS England on 11 Mar. TTX to review potential business continuity issues within specific clinical pathway. - Ex Ictus held on 30 <sup>th</sup> April in Chorley
Breast Screening PHE Debrief	PHE	National	Q2	PHE's lessons identified report circulated on 2 July
<b>Q2</b>				
Listeria Strategic Debrief	PHE	National	Q2	Strategic level, multiagency (DHSC, NHS E & I, FSA, LAs, PH Wales) to capture lessons from fatal listeria outbreak in May / June. - Delivered on 1 Aug 19.

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<b>Additional Exercise Projects</b>				
<b>Exercise</b>	<b>Sponsor</b>	<b>Level</b>	<b>Delivery</b>	<b>Comment</b>
Vaccine Shortage Response Group	PHE EU Exit	National		- Delivered on 6 Sep
Support to DHSC EPRR EU Exit preparedness	DHSC			- Ex Manager assigned 5 Aug to 4 Oct - Assisted in development & delivery of Ex Tiamat
Myanmar SIMEX	PHE IHR	International		In country 5 to 8 Aug 19