

PENNA Awards

Measuring, Reporting & Acting

















What was the Issue?

Across all surveys we witnessed:

- Falling response numbers
- Difficulties understanding survey trends from patients with protected characteristics
- Low text survey uptake and accessibility issues
- Inability to understand performance at a station cluster or CCG level
- High levels of human resources to manage and report
- Challenges from HealthWatch groups about providing more local survey data for scrutiny/assurance.



How did we identify the solution?

- Explored good practice from across the NHS
- Developed a specification and tender
- Over 20 organisations responded to the tender
- Interviewed 5 organisations, explored proposals and appointed
- 9 months setting up surveys, letters, texts, data transfer systems, hierarchy's, data protection and IG protocols
- Tested and amended processes until correct
- Developed a range of standard reports monthly/ quarterly/annual/adhoc
- Provided greater levels of automation across all
- Trained staff how to use the system and report



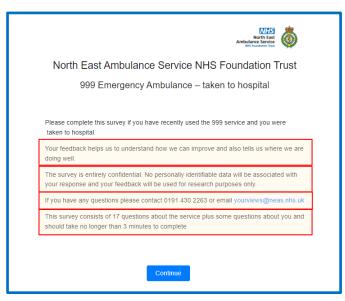


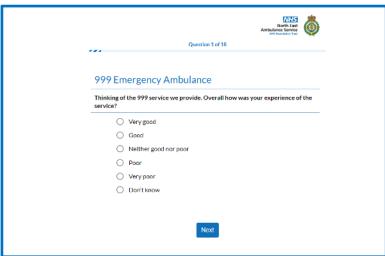
Surveys

- Mixed mode survey methodology Paper surveys, text, online, tablets
- Used best practice to frame letter content and text content to encourage responses
- Sent texts out Mon- Friday between 17:00 19:00hrs
- Sent surveys out within 2 weeks of using the service
- Random Sample of patients set to supplier automatically (from various CCGs) each 2 weeks
- Supplier manages numbers, distribution and processing
- Real time data received for online surveys, upto 5 days to input paper surveys



Survey Design







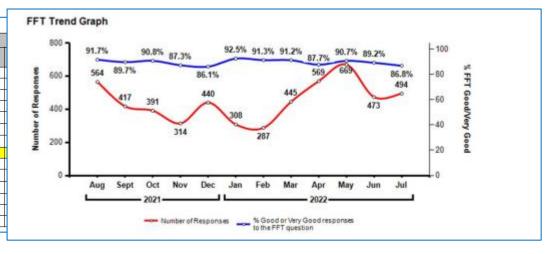


	Very	Fairly good	Neither good nor poor	Poor	Very	Not applicab
The length of time it took for the ambulance to reach you	0	0	0	0	0	0
2. The treatment provided by ambulance staff	0	0	0	0	0	0
3. The explanation you got from the ambulance staff about your treatment	0	0	0	0	0	0
4. The attitude of ambulance staff in general	0	0	0	0	0	0
5. The dignity and respect with which you were treated by ambulance staff	0	0	0	0	0	0
6. The kindness and compassion with which you were treated by ambulance staff	0	0	0	0	0	0
7. The overall condition of the ambulance	0	0	0	0	0	0
8. The comfort of the ambulance	0	0	0	0	0	0
9. The cleanliness of the ambulance	0	0	0	0	0	0
10. The time it took to get you to hospital	0	0	0	0	0	0



Improved response rates and reduced costs

				Total Respons es	Total Eligible	%	% Not Recom	
Organisation Name	Total Responses	Total Eligible	Organisation Name			Recomm	m ended	Extreme y Likely
England (including Independent Sector Providers)	257	164,128	England (including Independent Sector Providers)	3,153	504,810	93%	3%	2,013
England (including independent Sector Froviders)	25/	104,128	England (excluding Independent Sector Providers)	2,455	474,384	94%	3%	1,582
England (excluding Independent Sector Providers)	257	164,128	Selection (excluding suppressed data)	3,153	504,810	93%	3%	2,013
Selection (excluding suppressed data)	257	164,128	GUY'S AND ST THOMAS' NHS FOUNDATION TRUST	972	21,796	95%	3%	573
LONDON AMBULANCE SERVICE NHS TRUST	1	24,890	IMPERIAL COLLEGE HEALTHCARE NHS TRUST	317	25,593	93%	4%	86
YORKSHIRE AMBULANCE SERVICE NHS TRUST	1	14,534	UNIVERSITY COLLEGE LONDON HOSPITALS	185	4,040	92%	4%	140
NORTH EAST AMBULANCE SERVICE NHS	139	8,506	YORKSHIRE AMBULANCE SERVICE NHS TRUST	0	72,158	NA	NA	0
			NORTH EAST AMBULANCE SERVICE NHS FT	68	48,084	100%	0%	36
WEST MIDLANDS AMBULANCE SERVICE NHS	8	30,233	WEST MIDLANDS AMBULANCE SERVICE NHS FT	177	71,233	89%	3%	127
EAST OF ENGLAND AMBULANCE SERVICE NHS	38	22,054	EAST OF ENGLAND AMBULANCE SERVICE TRUST	141	43,666	91%	4%	109
NORTH WEST AMBULANCE SERVICE NHS TRUST	42	23,451	NORTH WEST AMBULANCE SERVICE NHS TRUST	499	117.051	95%	3%	435
SOUTH WESTERN AMBULANCE SERVICE NHS	8	24,753	ISLE OF WHITE NHS TRUST	33	1,409	100%	0%	27
SOUTH EAST COAST AMBULANCE SERVICE NHS	0	561	SOUTH CENTRAL AMBULANCE SERVICE	63	69,354	90%	8%	49
SOUTH CENTRAL AMBULANCE SERVICE NHS	20	15,146	ARRIVA TRANSPORT SOLUTIONS	698	30,426	91%	4%	431



Paper surveys cost £1.30 each to manage and process (non-response surveys cost £0.50)

Text surveys costs £0.08 each to manage and process (non-response surveys cost £0.08)

	2017/18	2018/19	2019/20	2020/21	2021/22
Text surveys	927	841	720	7,266	5,751
Text responses %	23%	25%	26%	69%	62%
Total responses	3,948	3,360	2,750	10,486	9,242

Station, cluster and CCG data

				Quai	terly H	leat Ma	p - CC	G						
Resource CCG	Responses	Thinking of the 899 service we provide. Overall how was your experience of the service?	I was confident of the shirty of the person managing my call	The length of time it took for the ambulance to reach you	The treatment provided by ambulance staff	The explanation you got from the ambulance abiff about your treatment	The attitude of arritulance staff in general	The dignity and respect with which you were treated by ambulance staff	The kindness and compassion with which you were treated by ambulance staff	The overall condition of the ambulance	The comfort of the ambulance	The cleanliness of the ambulance	The time it lock to get you to hospital	Overall
Resource CCG Score	1714	89	87		96	93	96	96	96	95	90	96	93	92
Benchmark		80	80	80	80	80	80	80	80	80	80	80	80	
NHS County Durham	504	89	87	74	97	94	96			95	90	95	93	92
NHS Newcastle Gateshead	153	90	84	71	94	92	94	93	93	93	90	94	90	90
NHS North Tyneside	97	85	86		93	91	93	94	94	94	90	95	91	90
NHS Northumberland	270	88	85		93	90	92	93	93	93	89	95	90	90
NHS South Tyneside	67	88	88	72	95	93	95	94	95	99	91	97	95	92
NHS Sunderland	140	88	88	74	95	90	94	95	95	95	92	95	92	91
NHS Tees Valley	161	91	87	73	97	95	98	98	98	96	91	96	93	93
No CCG	322	92	88		97	96	98	98	98	96	93	98	97	94

				Qua	rterly H	eat Ma	p - Clu	ster						
Cluster Name	Responses	Thinking of the 999 service we provide. Overall how was your experience of the service?	I was confident of the ability of the person managing my call	The length of time it took for the ambulance to reach you	The treatment provided by ambulance staff	The explanation you got from the ambulance staff about your treatment	The stiftude of ambulance staff in general	The dignity and respect with which you were treated by ambulance staff	The kindness and compassion with which you were treated by ambulance staff	The overall condition of the ambulance	The comfort of the ambulance	The cleanliness of the ambulance	The time it took to get you to hospital	Overall
Cluster Name Score	1715	89	87	75	96	93	96	96	96	95	90	96	93	92
Benchmark		80	80	80	80	80	80	80	80	80	80	80	80	
Alnwick	180									93			89	
Backworth	43	88	85		97	95	97	96	99	96	96	97	98	93
Bishop	345	89	88	73	97	95	97	97	97	94	90	95	92	92
Blucher	78	91	89	73	96	91	96	96	97	94	90	94	90	91
Coulby	87	90	86	72	98	96	98	98	98	96	90	95	96	92
Cramlington	184	87	85	75	92	90	92	93	92	94	88	95	92	89
Hartlepool	32	100	94		100	100	100	100	100	95	89	98	93	96
Lanchester	165	88	87		97	93	96	97	96	94	89	95	95	92
Monkton	120	88	87	70	95	91	94	93	94	96	91	95	90	90

Quarterly reports

			Quarte	erly He	at Map	- Res	ource E	Base						
Please note: We select a ra herefore some stations do n on satisfaction ratings.														
Resource Base	Responses	Thinking of the \$20 service we provide, fixened how was your experience of the service?	I was confident of the ability of the person managing my call	The length of time it took for the ambulance to reach you	The treatment provided by ambulance staff	The explanation you got from the ambulance staff about your treatment	The attitude of ambulance staff in general	The dignity and respect with which you were treated by ambulance staff	The kindness and corepassion with which you were treated by ambulance staff	The everall condition of the ambulance	The comfort of the ambulance	The cleanliness of the ambulance	The time it took to get you to hospital	Over
Resource Base Score	1714	89	87	75	96	93	96	96	96	95	90	96	93	9:
Benchmark		80	80	80	80	80	80	80	80	80	80	80	80	
Alnwick	118	88	83	72	93	89	93	93	93	92	88	93	90	8
Amble	27	81	87	68	93	93	93	96	94	94	90	95	87	8

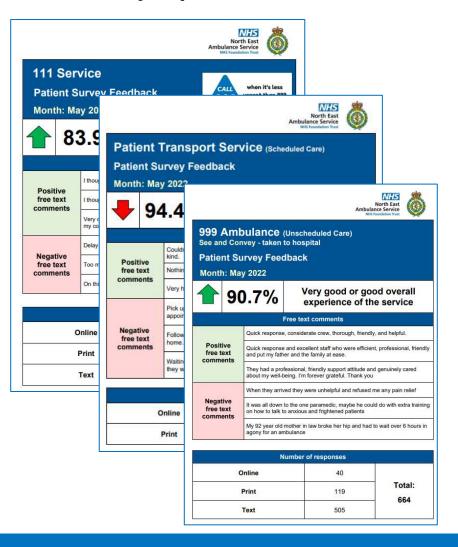
Darlington	10	90	86	84	94	91		94	88	94	84		88	90
Debdon Gardens	5	80	70	50	100	100	100	100	100	95	94	100	95	90
Durham	12	92	88		98	98	100	100	100	100	95	100	100	98
Eisbburn.	3	100			100	100	100	100	100	100	88	100		93
Gateshead	33	85			94	92	91	89	89	96	95	96	85	89
Hartlepool	1	100	100	100	100	100	100	100	100	100		100	100	98
Hartlepool North	2	100	100	100	100	100	100	100	100	100	88	100	100	91
Hartlepool Park View	18	83	84	66	92	85	92	95	94	93	90	95	89	84
Hartlepool Ta	4	100	100	100	100	100	100	100	100	100	100	100	100	10
Hawkeys Lane	9	89	86		96	93	100	86	100	96	92	100	96	9:
Hebburn	29	83	92	71	97	90	94	94	96	99	94	97	97	93
Hexham	23	91	89	69	97	89	95	95	95	90	85	89	86	81
Middlesbrough	27	81	88	66	95	94	95	95	95	97	89	95	96	91
Morpeth	8	88	84	68	100	96	96	96	96	100	86	96	93	9:
No Resource Base	323	92	88		97	96	98	98	98	96	93	98	97	9
Pallion	53	88	86		91	86	90	90	90	94	89	95	89	81
Peterlee	9	100	93	64	100	100	100	100	100	92	83	96	83	93

Monthly CCG / Cluster report

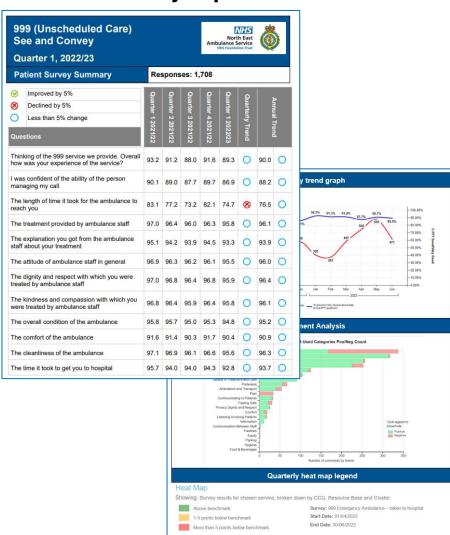
	Results	by res	ource	CCG					
Resource CCG	% Good	% Poor	Total Responses	Very good	Good	Neither good nor poor	Poor	Very poor	Don't Know
Total	86.8%	8.3%	494	329	100	23	25	16	1
NHS County Durham	83.8%	9.1%	99	61	22	7	7	2	0
NHS Newcastle Gateshead	87.1%	9.7%	31	21	6	1	2	1	0
NHS North Tyneside	95.7%	4.3%	23	16	6	0	1	0	0
NHS Northumberland	86.8%	6.6%	76	55	11	4	3	2	1
NHS South Tyneside	66.7%	20.0%	15	7	3	2	3	0	0
NHS Sunderland	88.2%	5.9%	34	22	8	2	1	1	0
NHS Tees Valley	91.7%	5.6%	72	52	14	2	3	1	0
No CCG	86.8%	9.7%	144	95	30	5	5	9	0
	% Good	ults by % Poor	Total Responses	Very good	Good	Neither good nor poor	Poor	Very poor	Don't Know
Cluster name	ood	oor	tal onses	2000	å	r good oor	or	poor	Know
Total	86.8%	The state of the s	494	329	100	23	25	16	1
Alnwick	91.5%		59	47	7	2	2	0	1
Backworth	88.9%		18	12	4	0	1	1	0
Bishop	86.3%		73	46 13	17	3	5	2	0
Blucher	83.3%		18	35	11	2		0	0
Coulby Cramlington	88.5% 77.4%	7.7%	52 31	17	7	1	3	1 2	0
Hartlepool	0	0	0	0	ó	0	0	0	0
Lanchester	77.8%		27	15	6	3	3	0	0
Monkton	85.7%		28	17	7	3	1	0	0
No Cluster	86.8%	1,111,111,111	144	95	30	5	5	9	0
Pallion	91.3%		23	15	6	1	0	1	0
Stockton	95.2%	0.0%	21	17	3	1	0	0	0

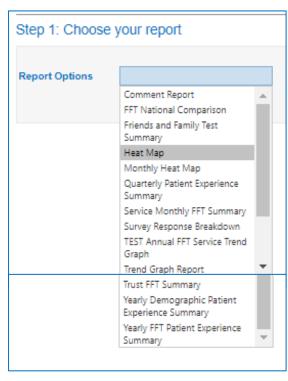
Range of standard reports

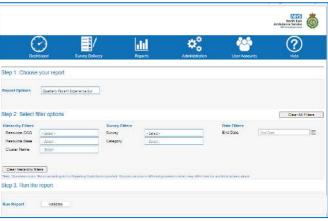
Monthly reports



Quarterly reports





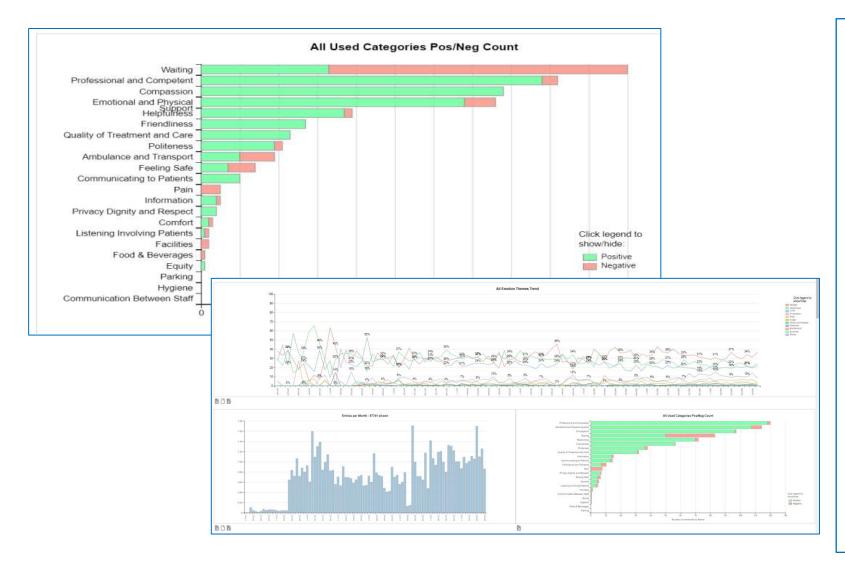


Demographic trends captured and analysed

Question	Answer	Response s	Male	Female	Under 25	25 to 44	45 to 64	65 to 84	85+	BAME	White British	White Other	Disabled	Not Disabled	Atheist / No Faith	Christian	Non. Christian	Heterosex ual	LGB
Thinking of the	Positive	89.3%	90.1%	90.0%	78.9%	83.5%	90.5%	91.5%	94.9%	77.8%	89.8%	100.0%	90.4%	90.0%	88.0%	91.7%	84.1%	90.5%	72.4%
999 service we provide. Overall	Negative	7.0%	5.3%	7.5%	8.8%	12.5%	6.3%	5.7%	2.9%	15.6%	6.7%	0.0%	6.7%	6.9%	7.7%	5.2%	11.1%	6.2%	20.7%
now was your	Total	1708	585	782	57	176	475	494	137	45	1335	13	779	478	376	840	63	1183	29
experience of he service?	Total	1435	583	756	57	174	472	477	133	45	1306	13	765	464	366	822	63	1160	28
was confident	Strongly agree	62.8%	59.8%	66.1%	68.4%	58.3%	63.9%	62.7%	65.9%	46.7%	63.6%	69.2%	60.6%	69.6%	63.0%	66.5%	57.1%	65.4%	65.5%
of the ability of he person	Agree	27.8%	31.8%	25.0%	15.8%	27.4%	26.1%	30.2%	30.4%	28.9%	27.8%	23.1%	30.4%	22.1%	27.4%	26.4%	31.7%	26.4%	13.8%
nanaging my call	Neither agree <u>or</u> disagree	5.0%	4.8%	4.8%	7.0%	7.4%	5.9%	3.5%	2.2%	8.9%	4.9%	0.0%	4.9%	4.7%	6.0%	4.1%	3.2%	4.9%	3.4%
	Disagree	3.2%	2.4%	3.4%	5.3%	5.1%	3.0%	2.7%	0.7%	8.9%	2.8%	7.7%	3.0%	3.0%	2.7%	2.3%	6.3%	2.6%	6.9%
	Strongly disagree	1.3%	1.2%	0.7%	3.5%	1.7%	1.1%	0.8%	0.7%	6.7%	0.9%	0.0%	1.2%	0.6%	0.8%	0.7%	1.6%	0.7%	10.3%
	Total	1434	582	765	57	175	471	483	135	45	1314	13	771	470	365	830	63	1166	29
he length of	Very good	49.3%	48.8%	50.6%	40.4%	37.8%	47.5%	53.4%	61.5%	40.5%	49.7%	46.2%	49.4%	51.8%	40.2%	56.0%	44.4%	50.3%	32.1%
me it took for he ambulance	Fairly good	24.3%	24.0%	24.6%	29.8%	22.1%	23.3%	26.2%	24.4%	19.0%	24.4%	30.8%	25.0%	22.9%	26.1%	23.1%	25.4%	24.3%	17.9%
o reach you	Neither good nor poor	7.4%	9.1%	6.2%	8.8%	14.0%	8.4%	5.2%	4.4%	16.7%	7.1%	15.4%	7.2%	7.0%	12.5%	4.6%	6.3%	7.6%	10.7%
	Poor	7.0%	7.5%	6.3%	12.3%	8.1%	8.1%	4.6%	5.2%	0.0%	7.2%	0.0%	7.4%	5.7%	8.2%	6.6%	4.8%	6.8%	14.3%
	Very poor	9.7%	8.4%	10.0%	7.0%	15.7%	9.9%	8.7%	3.0%	21.4%	9.3%	7.7%	9.6%	9.1%	10.3%	7.6%	19.0%	8.7%	25.0%
	Not applicable	2.4%	2.3%	2.2%	1.8%	2.3%	2.8%	1.9%	1.5%	2.4%	2.3%	0.0%	1.4%	3.4%	2.7%	2.1%	0.0%	2.3%	0.0%
	Total	1381	574	759	57	172	467	481	135	42	1303	13	761	471	368	819	63	1156	28
he overall	Very good	78.0%	77.5%	79.6%	83.6%	71.3%	78.5%	79.6%	80.9%	50.0%	79.3%	76.9%	80.7%	76.2%	76.7%	80.9%	77.8%	79.8%	70.4%
ondition of the Imbulance	Fairly good	12.7%	14.8%	10.7%	9.1%	15.2%	11.3%	13.4%	11.5%	40.5%	11.7%	23.1%	12.8%	11.6%	12.2%	10.8%	17.5%	11.6%	7.4%
	Neither good nor poor	2.6%	2.8%	2.4%	3.6%	4.1%	3.3%	1.5%	2.3%	7.1%	2.5%	0.0%	2.4%	2.8%	3.9%	2.0%	1.6%	2.4%	3.7%
	Poor	0.2%	0.2%	0.3%	0.0%	1.8%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.4%	0.0%	0.6%	0.1%	0.0%	0.3%	0.0%
	Very poor	0.2%	0.4%	0.0%	0.0%	0.6%	0.2%	0.2%	0.0%	0.0%	0.2%	0.0%	0.1%	0.4%	0.3%	0.0%	1.6%	0.1%	7.4%
	Not applicable	6.2%	4.4%	7.1%	3.6%	7.0%	6.7%	5.3%	5.3%	2.4%	6.1%	0.0%	3.6%	9.0%	6.4%	6.2%	1.6%	5.8%	11.1%
	Total	1361	568	749	55	171	461	476	131	42	1287	13	750	467	360	813	63	1146	27



Free Text Comments – automatic sentiment analysis





Free text comments

They came quickly and were very polite, helpful.

They went above and beyond to make sure I was safe. They worked quickly and efficiently to give me care and treatment and get me to a hospital

It took them 6 hours to get there but the were good when they came

The extremely long wait for an ambulance

Fast response, caring attitude, competent practitioners.

90 minute wait while gasping for air I was frightened

Instructions given by the NHS telephonist supported me through a traumatic situation . My neighbour had fallen from a ladder and slashed her thigh on a broken pot. The ambulance came sooner than expected and once again I was provided with an excellent service from the two paramedics in attendance. They reassured both myself and my neighbour and we both felt we were in safe hands . Excellent service from all concerned, I can't say in words how grateful we both are.

waited 7 hours for ambulance and then6 hours in corridor before I got into cubicle

Crew very helpful

Arrived within 10 minutes

The call was very professional and informative. The paramedics were brilliant with my dementia resident

had a stroke, the crew arrived in 20mins, and they were excellent.

paramedics were lovely when being on the phone everyone was very understanding

The lady on the phone was very calming took what I was saying and recognised that my mum needed irgent assistance. Without panicking me. The ambulance was sent out straight away

Prompt and efficient service. Polite and considerate staff.

ecause the call handler asked relevant questions and expla what would happen

swift response and paramedics were excellent. They were so kind and helpful while providing Professional support. Unfortunately I've had to use ambulance service frequently after a stroke and it's after ffects, I'm so grateful for the service we have here. Thank you so much, Paramedics were delightful and I felt at ease during difficult situations.

Atthough I waited some time for an ambulance the communication with the service during that time was very good, and when the paramedics did arrive they were excellent.

They listened and took my dads vies onboard as well as being very caring and putting him and us at ease They were very good with my mum and covered all basis with her and explained as they went along what they were doing.

Very polite and put my worries at ease

Only because when it eventually came!!!! The 2 girls were fantastic

was made to feel comfortable and reassured by the 2 paramedics. They behaved professionally and in a friendly reassuring manner.

12 hours in A & E was appalling for a TIA

Quick and very friendly

My wife was getting more anxious as time passed with breathing difficulties

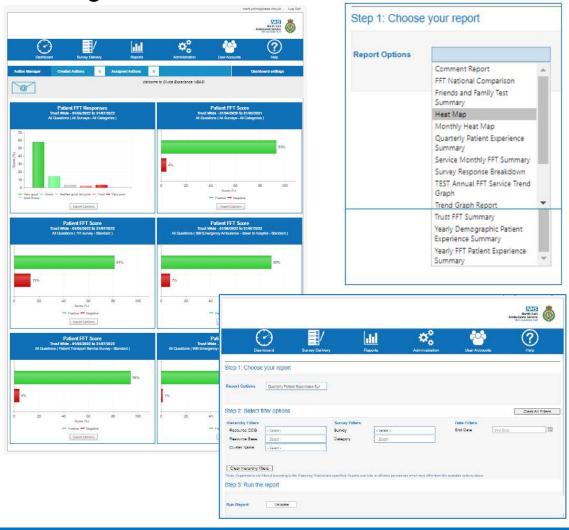
The paramedics were amazing when they arrived but we did have a very long wait

Didn't feel too confident in call handler but was then contacted by nurse practitioner who was good and ambulance crew arrived quickly and were excellent

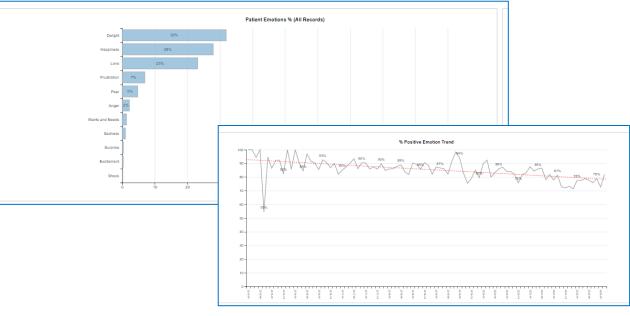
Waited 5 hours for ambulance and was told was urgent and only cardiac arrest before us!!Some of telephone triage staff unhelpful. Gave very detailed answers and told on several occasions had to answer all the questions again instead of just an update. My mother 91. No ability to get to toilet. No commode or bed pan available and told by district nurse that local district nurses had no pads to give to allow her to

Self Service reporting system

Manager Personalised dashboard







Reduced the human factors

- Sending data to from supplier
- Analysing free text data
- Analysis
- Producing reports



Social Media to report results and encourage feedback









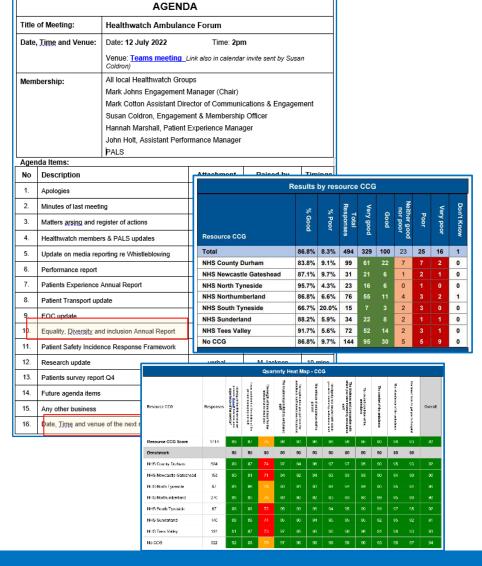


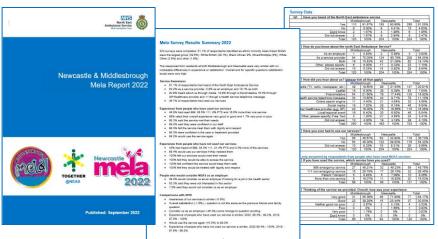


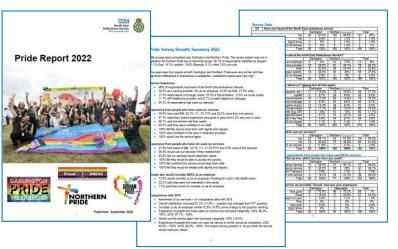




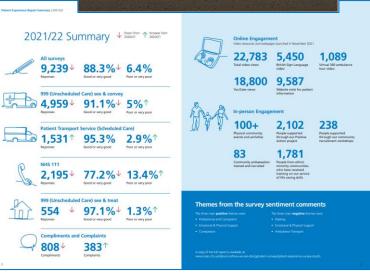
HealthWatch & other reports = greater scrutiny











Informing Improvements



Extra padding in vehicle seating added



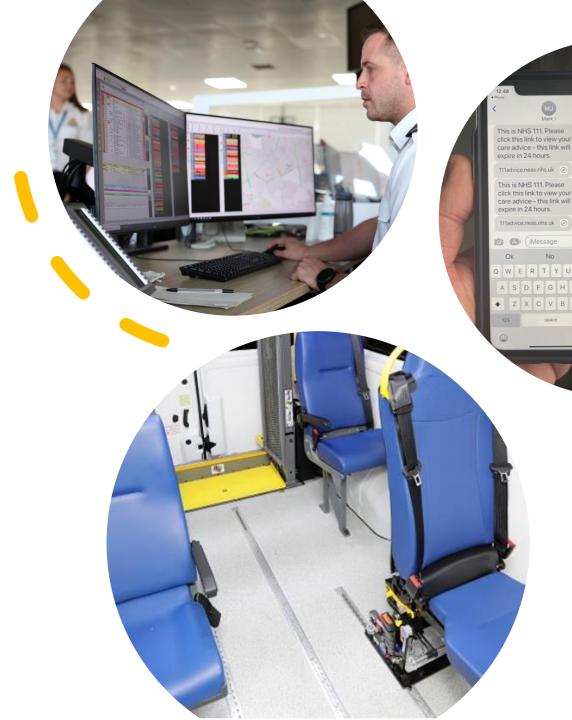
Standard message delivered pre 111/999 calls changed



Post call 111 text messages introduced reminding patient of advice provided



Staffing numbers in EOC increased





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Mission: Safe, effective, responsive care for all

Vision: Unmatched quality of care