

USING INFOGRAPHICS TO REPORT DATA ABOUT THE QUALITY OF STROKE CARE SERVICES

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BACKGROUND

The Sentinel Stroke National Audit Programme (SSNAP) is the national stroke registry of England, Wales and Northern Ireland, and shares information with a wide range of audiences for quality improvement. SSNAP aimed to develop new ways of presenting information to make complex quality data more accessible.

METHOD

Key SSNAP results were grouped into performance levels such as 'getting better', 'making progress' and 'needs improving' to show successes and concerns clearly and concisely. Consistent colour schemes and graphics were used to brand, draw the eye and make results visually appealing.

Result and performance level	Percentage/ Figure	Colour
Needs improving:		
Clinical Psychology	6%	Red
Weekend nursing	29%	Orange
7-day therapy	31%	Amber
Making process:		
Senior nurses	51%	Pink
Patient and carer reviews	61%	Purple
Thrombectomy access	70%	Blue
Getting better:		
Stroke consultant led ward rounds	75%	Teal
Intermittent pneumatic compression	80%	Light green
Early Supported Discharge	81%	Dark green
QUALITY OF AFTER HOSPITAL STROKE CARE of services commissioned to deliver vocational rehabilitation 15% from referral to psychological treatment of Early Supported Discharge teams working 7 days a week		
42% of services have a time limit to their service 60% of ESD teams treat patients within 1 day of discharge 70% of commissioning areas have at least one team carrying out 6 month reviews 76% of eligible services submitting data on how they treat their stroke patients 85% services will re-refer patients if they need to be of services have access to an occupational therapist, physiotherapist and rehabilitation assistant	Seeds in Sing Seeds in Sing Seeds in Se	hospitals have access to fficient clinical psychologists of hospitals have sufficient nurses on duty during the daytime at weekends of hospitals have at least two types of therapy available 7-days a week hospitals have a sufficient mber of senior nurses hospitals seek patient & carer views on eir stroke services at least once a year

RESULTS

Figures 1-3. How results are often shown within national reporting outputs.

sites meeting KI 5

Two infographics were produced using the Adobe Suite. Both have been very well received, used as poster presentations and to engage national and international stakeholders. Good feedback has been received from project funders, healthcare professionals and stroke survivors. Over the last 6 months these outputs have received over 2000 impressions on Twitter and have been downloaded more than 1000 times.

National Key Indicator Performance

Table 1. Results are placed into performance levels and a colour scheme applied.

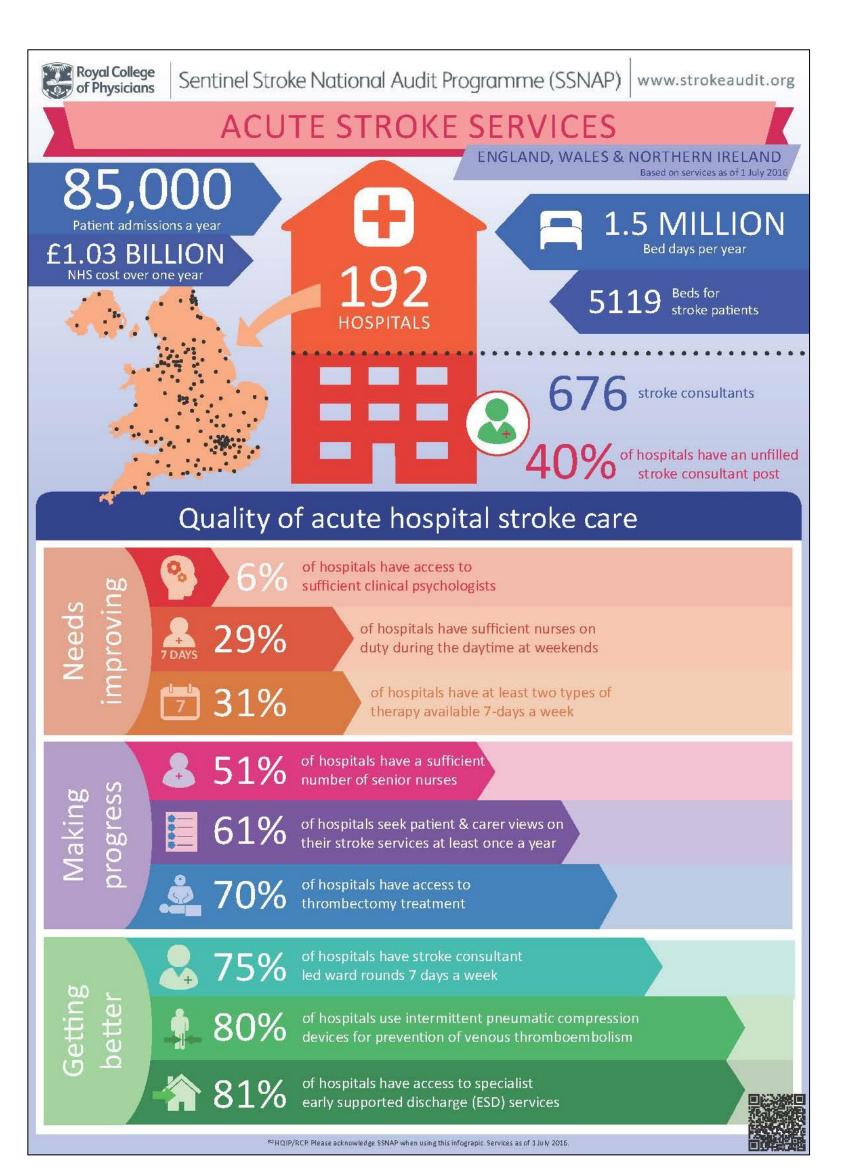


Figure 6. Acute Organisational Audit 2016 infographic of key information and results.

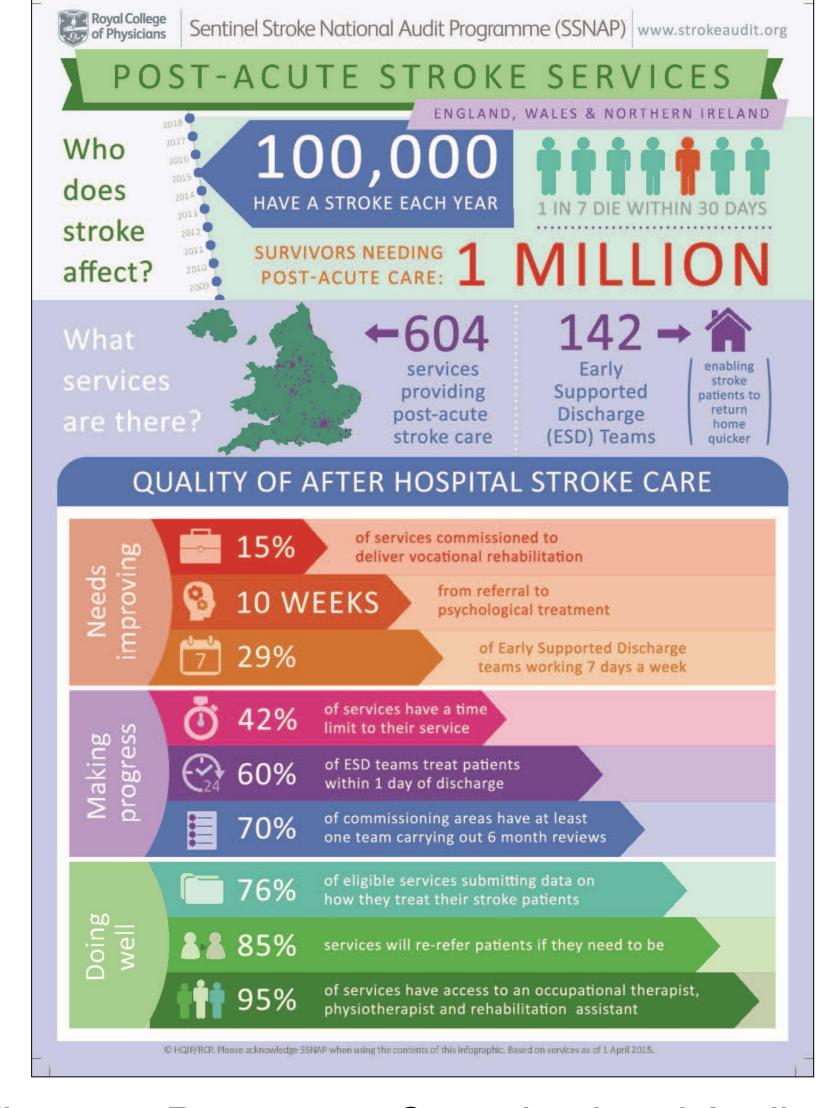


Figure 7. Post-acute Organisational Audit 2015 infographic of key information and results.



Figure 8. Post-acute organisational audit infographic as a poster at the World Stroke Congress, Hyderabad.

CONCLUSION

and make results visually

appealing.

Figures 4 & 5. How performance

were used consistently to 'brand'

colour schemes and graphics

This process has produced two very good outputs and helped to broaden the reach and understanding of results produced by the national stroke registry. Outputs like these offer a potentially more engaging alternative to traditional ways of sharing data about the quality of stroke services, helping to make complex messages better understood by a wider audience.