

Springboard for Progress: Trends in Stroke Care between 2013 and 2020

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SSNAP

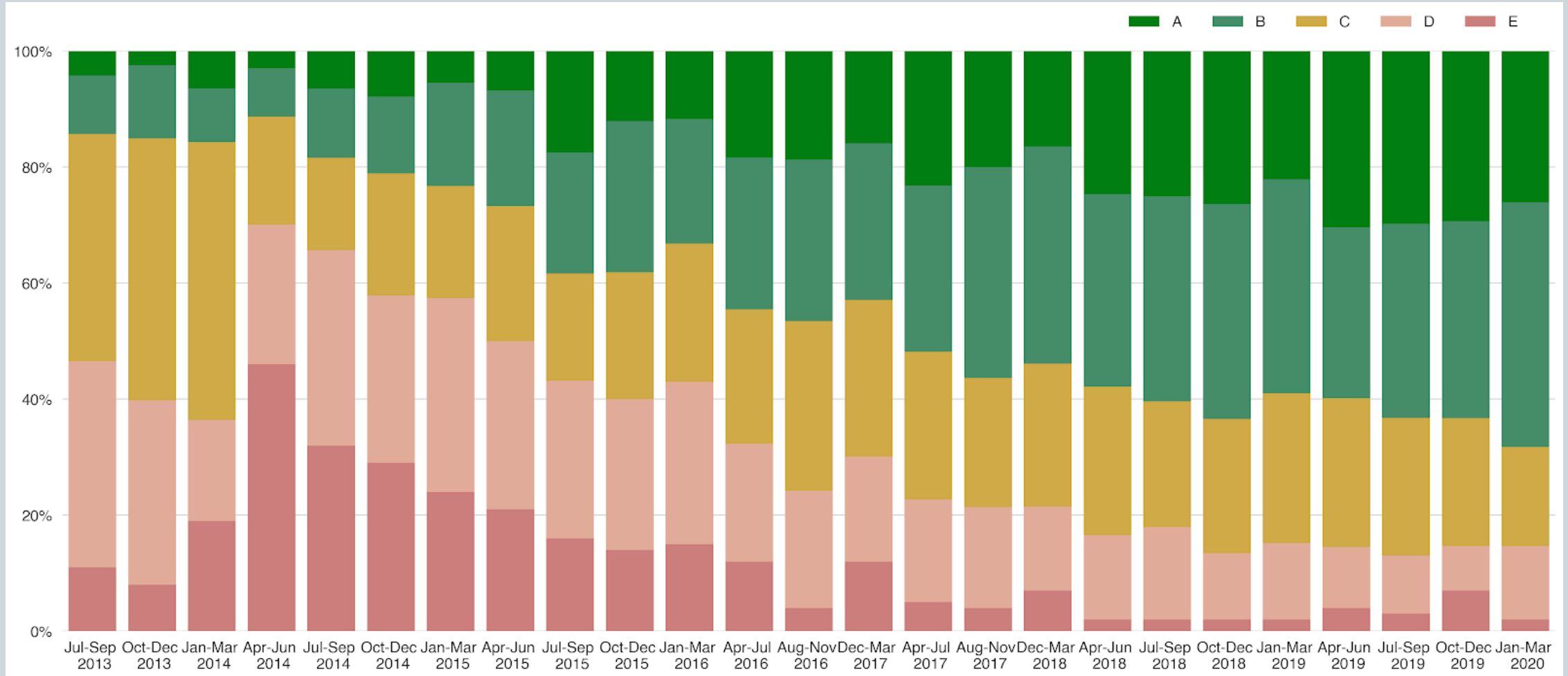
**Sentinel Stroke National
Audit Programme**



A Long-Term Overview of SSNAP

Changes in SSNAP scores over time (2013-2020)

Proportion of teams



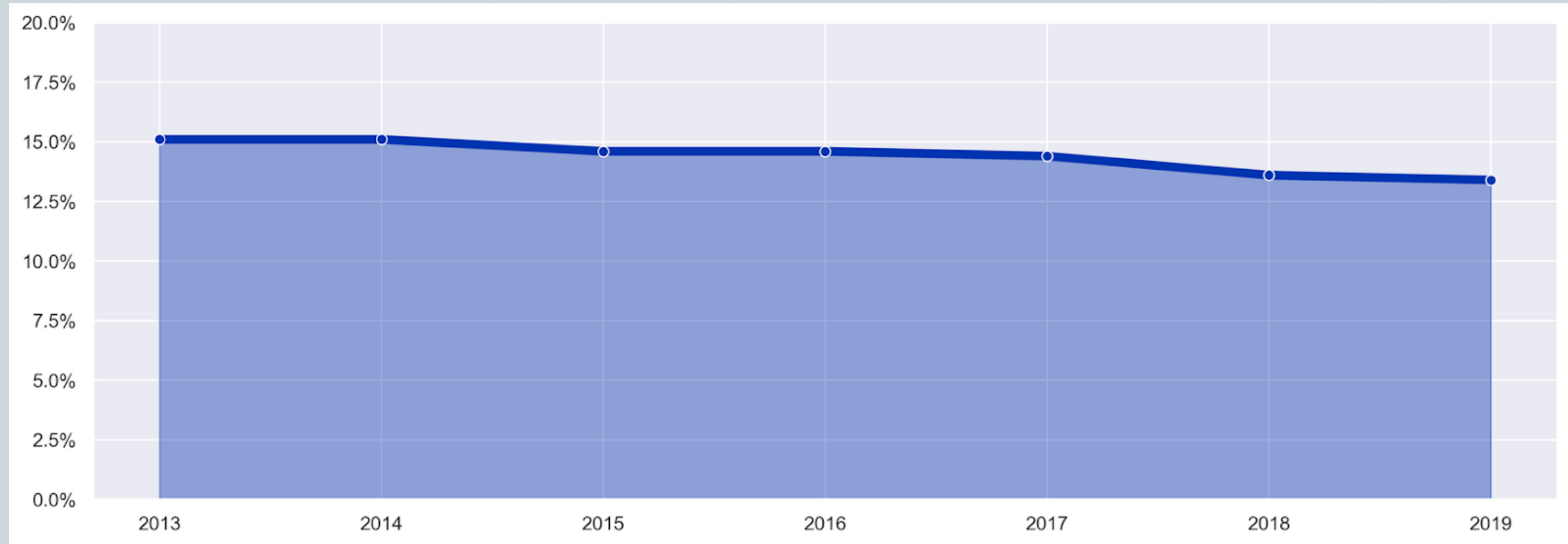
Source: Sentinel Stroke National Audit Programme (SSNAP) July 2013 to March 2020 National results

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Outcomes

In-hospital crude mortality rate (2013-2020)

Percentage of patients



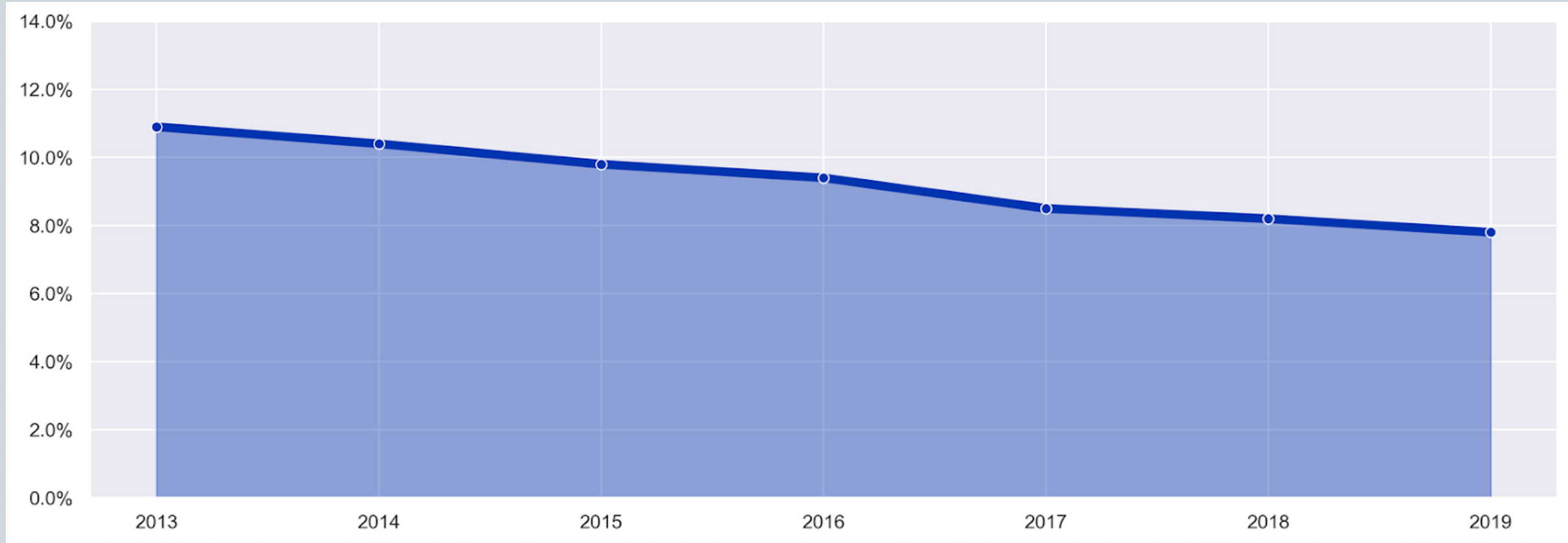
Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

Item reference: K21.3

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Patients discharged to a care home from inpatient care (2013-2020)

Percentage of patients



Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

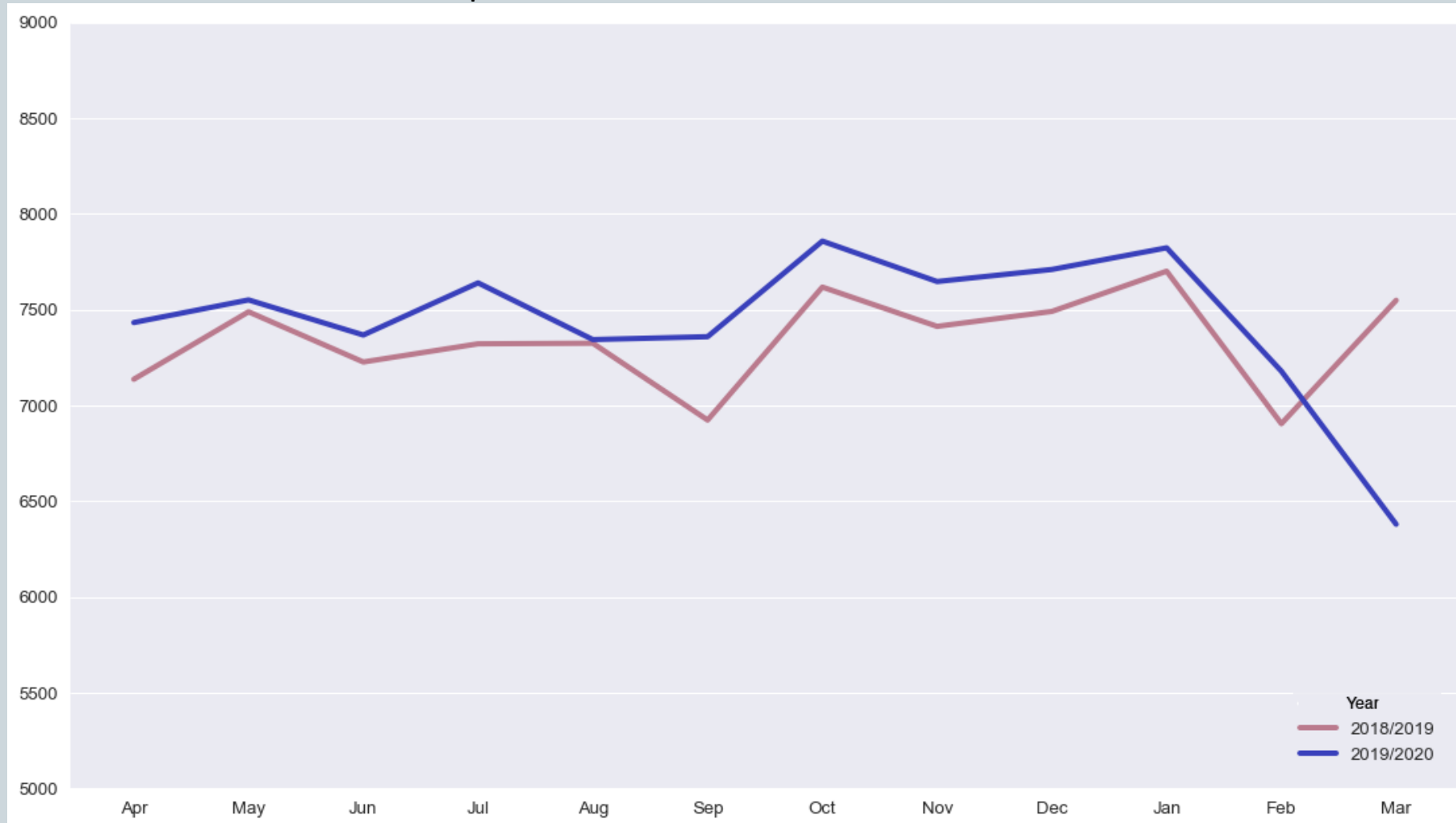
Item reference: K21.5

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

I. The impact of COVID on stroke

Stroke admissions to hospital during COVID-19

Number of stroke admissions per month, 2018/19-2019/20

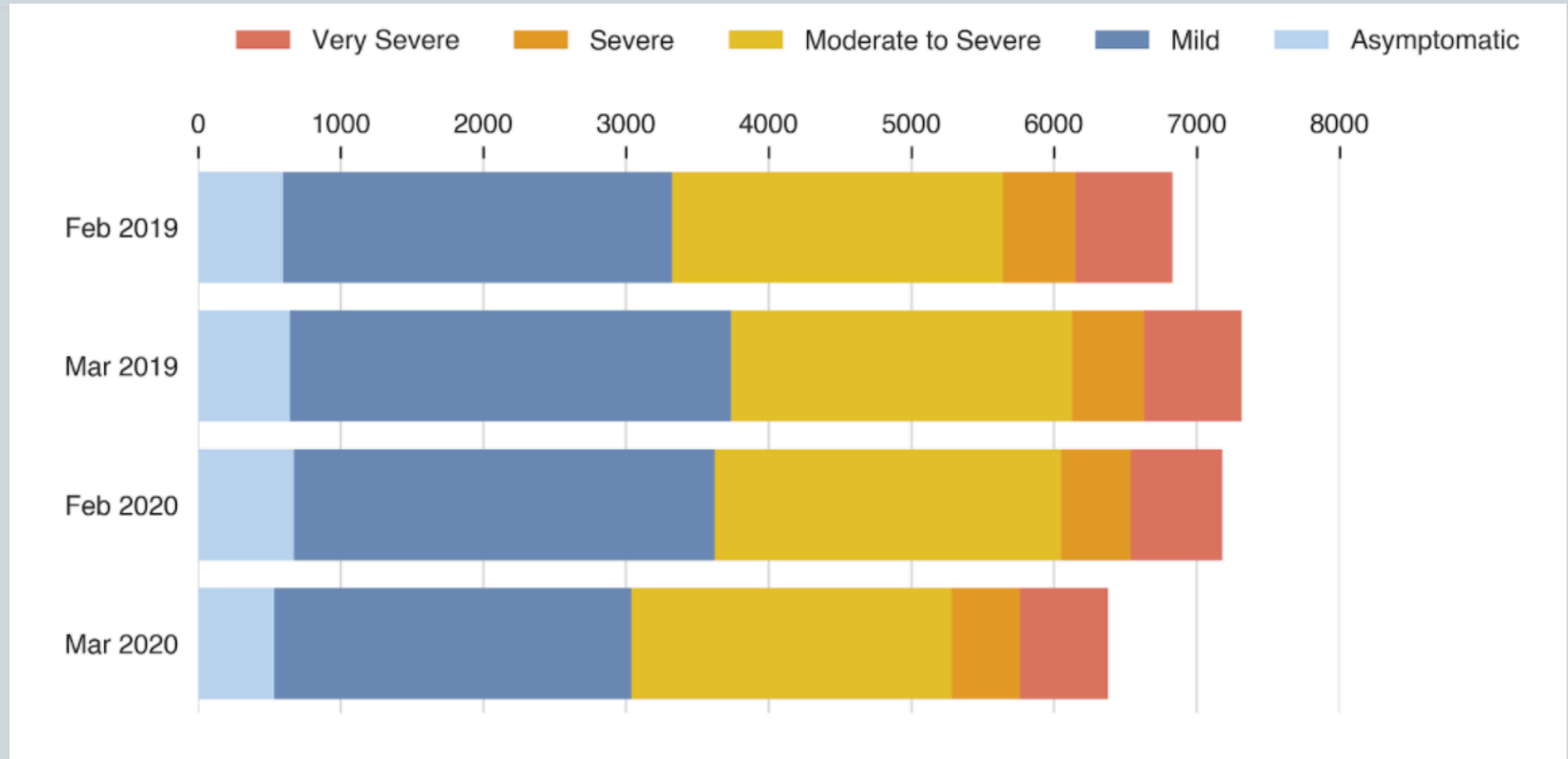


Source: Sentinel Stroke National Audit Programme (SSNAP)

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Stroke admissions in NIHSS stroke severity during COVID-19

Number of stroke admissions per month, Feb/Mar 2019 and Feb/Mar 2020

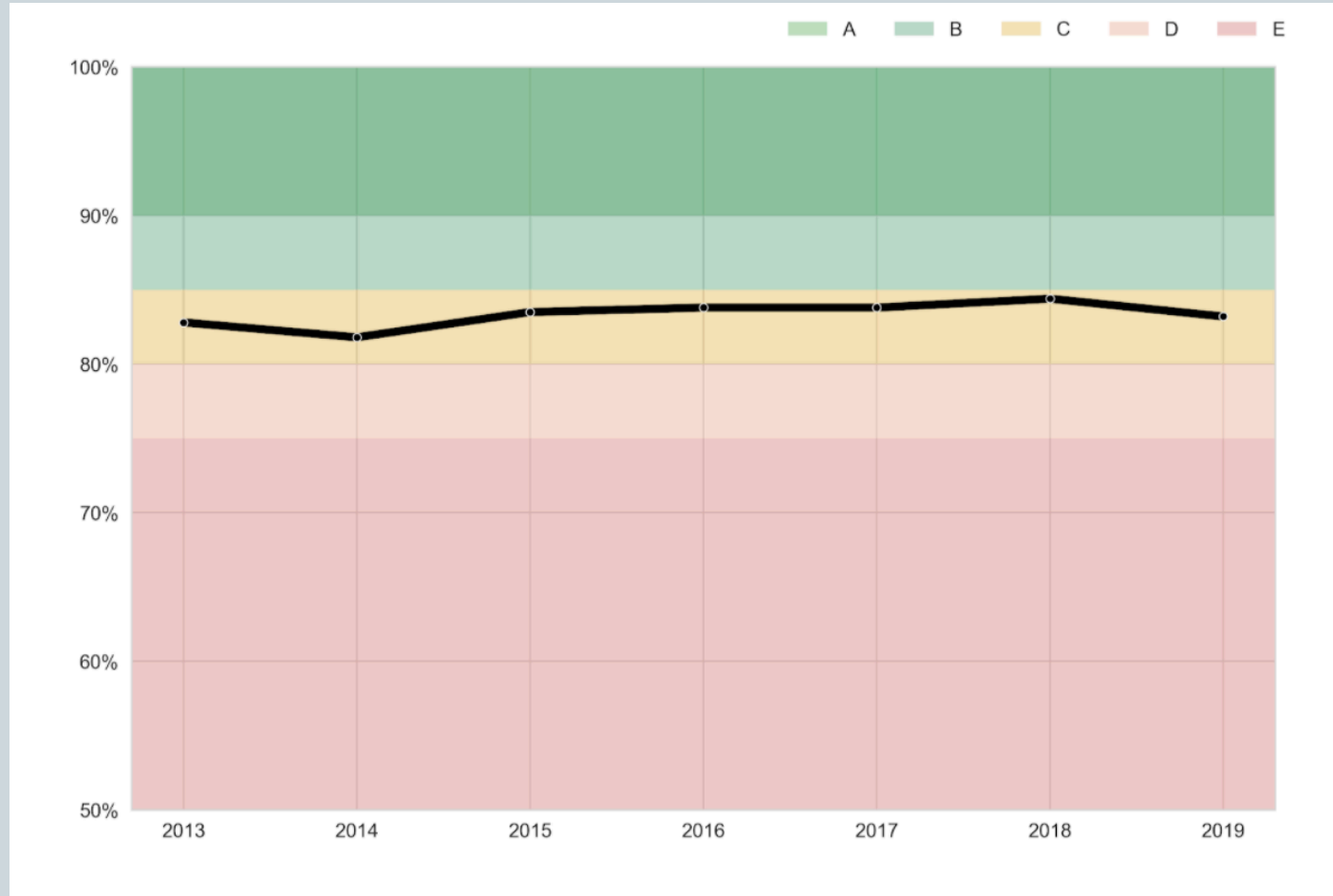


Source: Sentinel Stroke National Audit Programme (SSNAP)

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

II. High quality specialist care

Patients who spent at least 90% of their stay on a stroke unit
(2013-2020) Percentage of patients

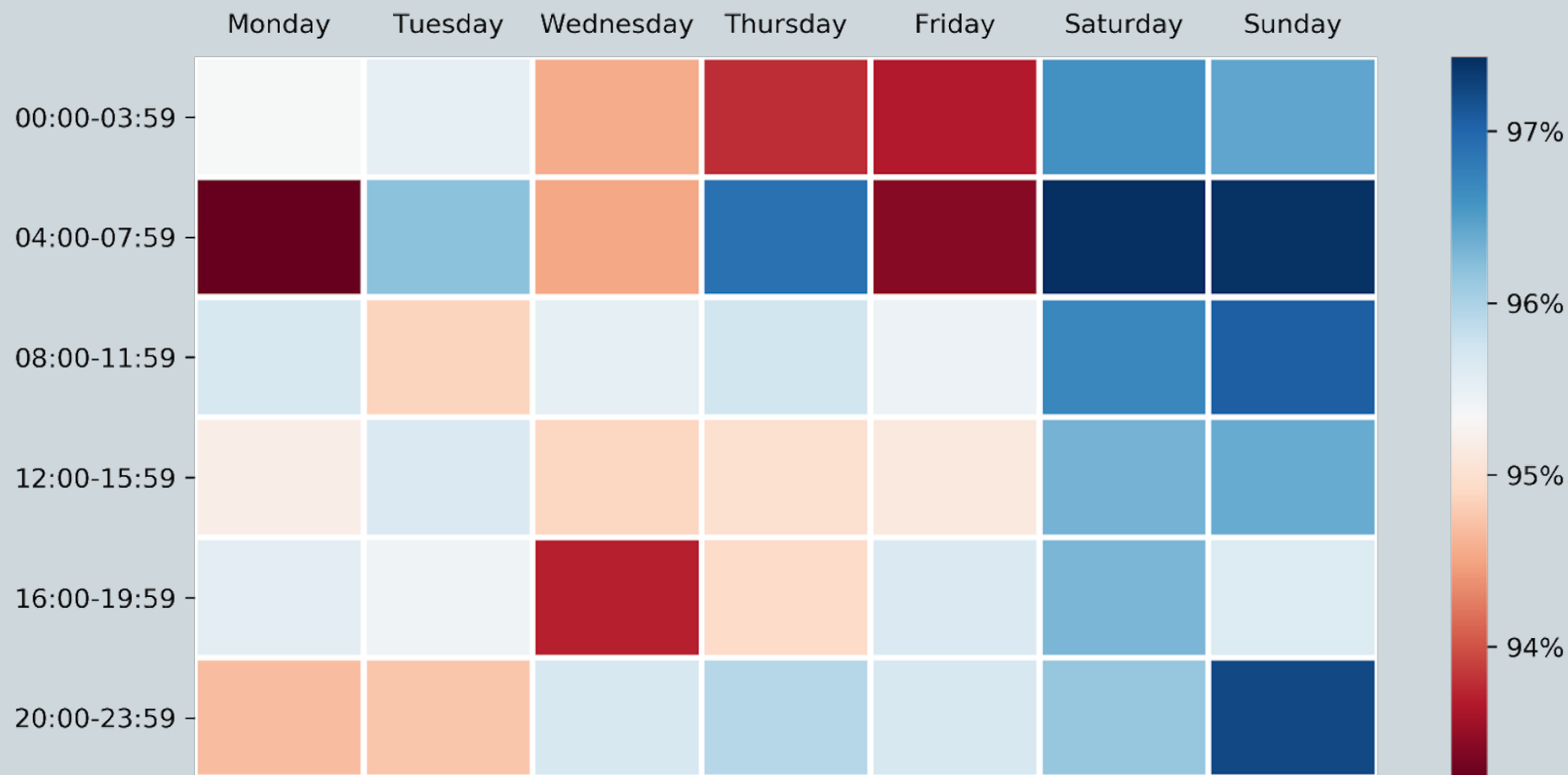


Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results. Item reference: K32.11

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Specialist nurse assessment within 24h

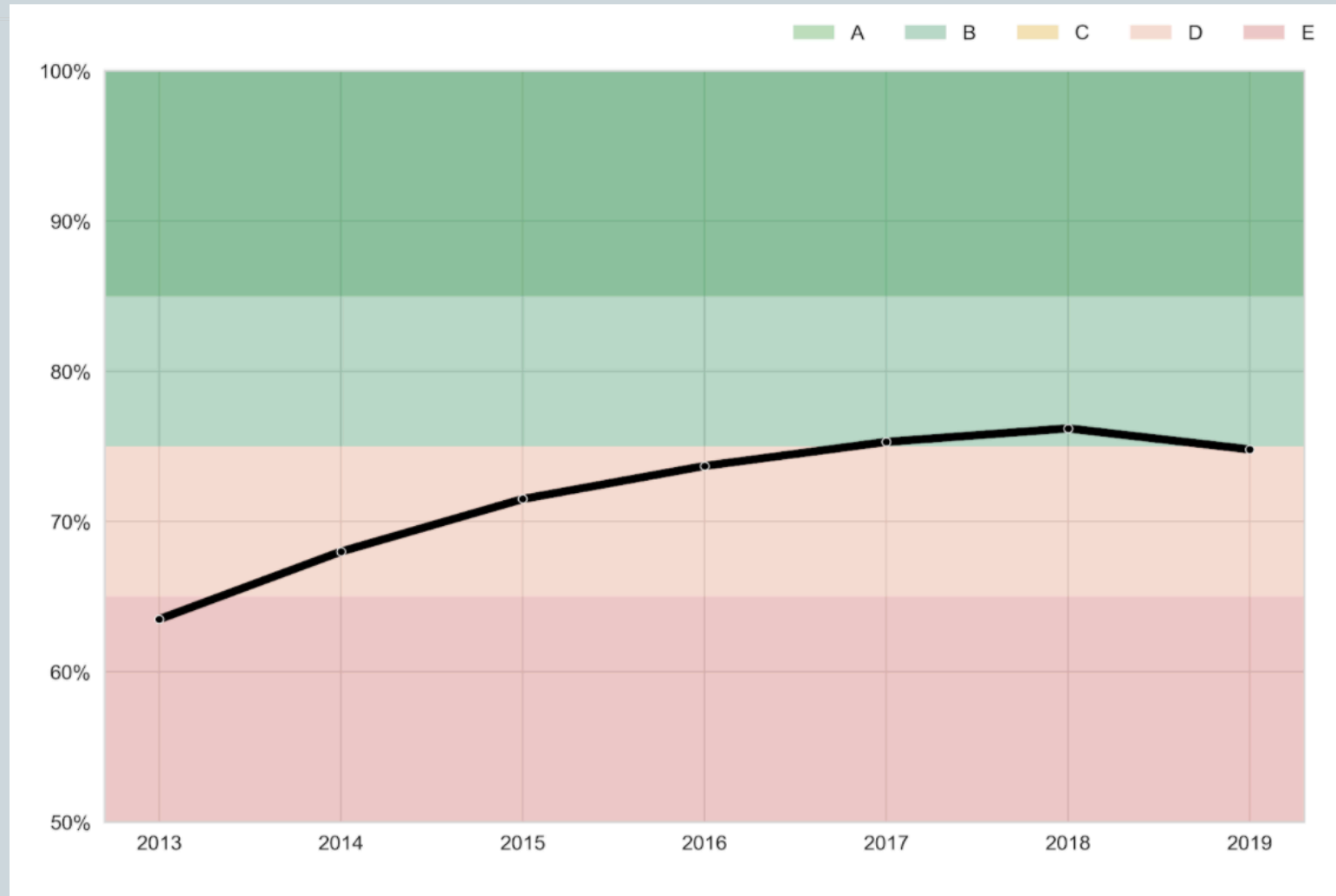
Heatmap showing likelihood of assessment by a nurse trained in stroke management within 24 hours of arrival at hospital



Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Patients receiving swallow screen within 4 hours of arrival at hospital (2013-2020). Percentage of patients

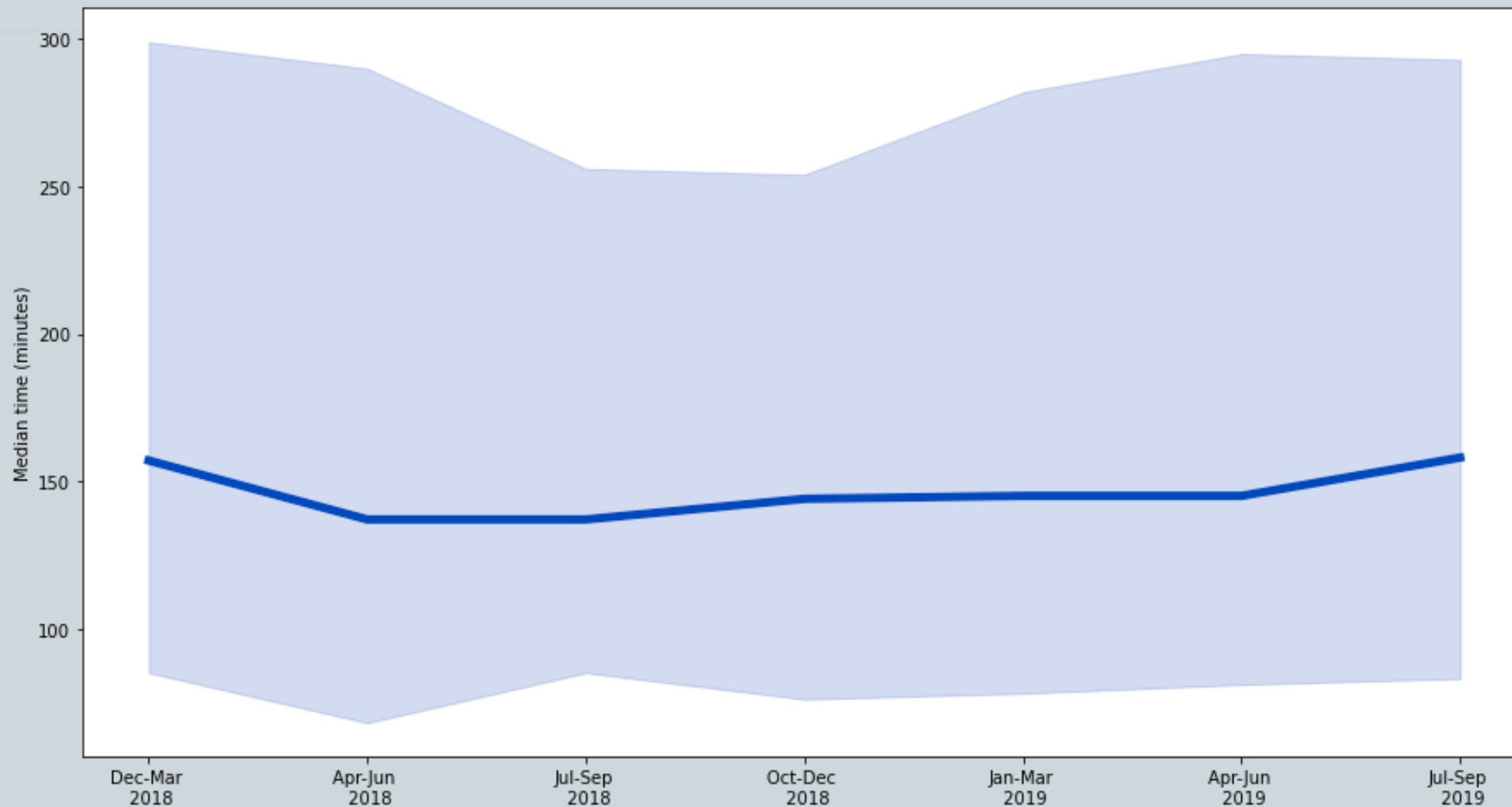


Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020
National results. Item reference: K14.20

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Variation of time from arrival to anticoagulation reversal

Median time and interquartile range



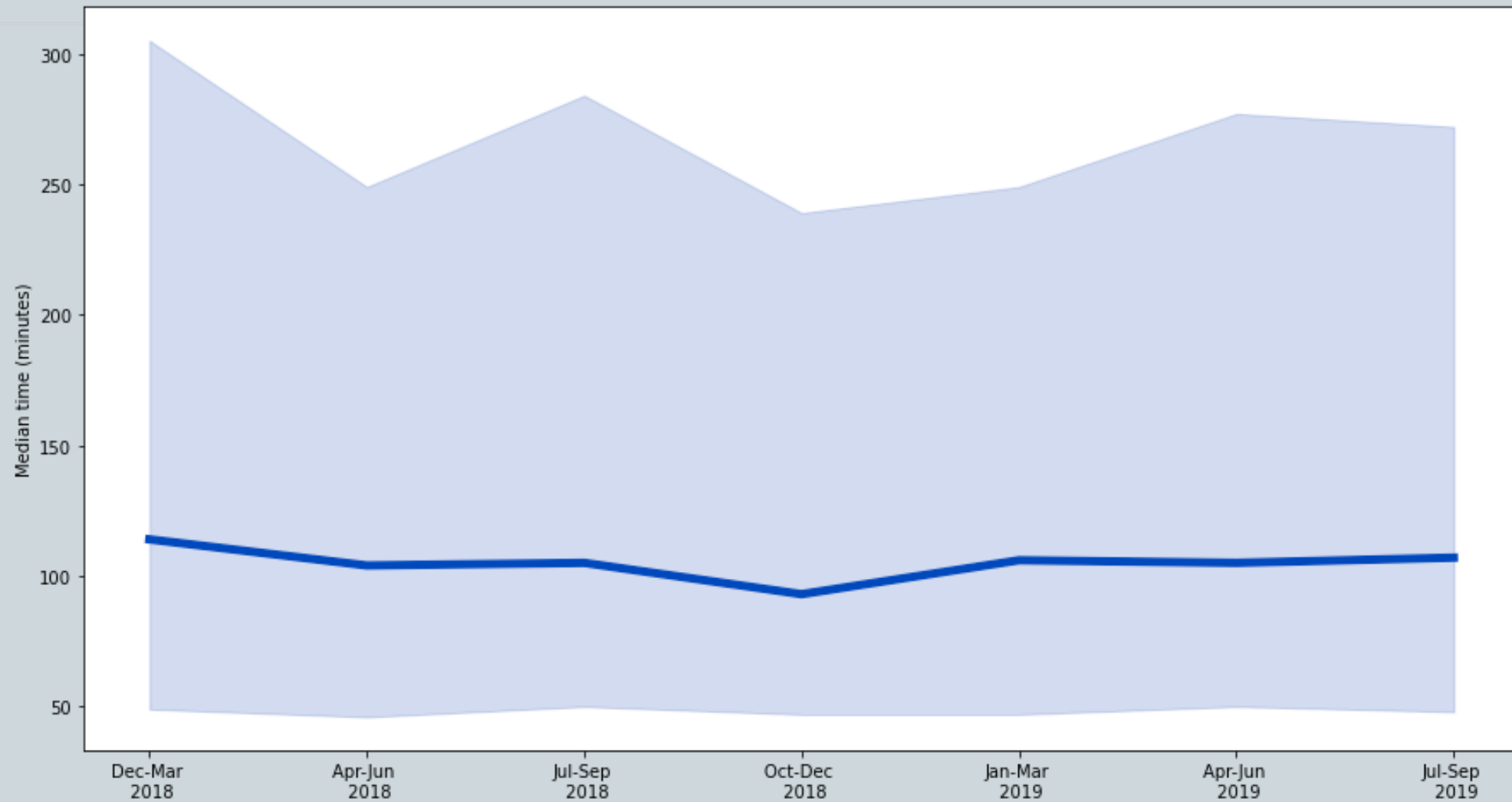
Source: Sentinel Stroke National Audit Programme (SSNAP)

Item reference: H27.6

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Variation of time from treatment to BP lowering target

Median time and interquartile range



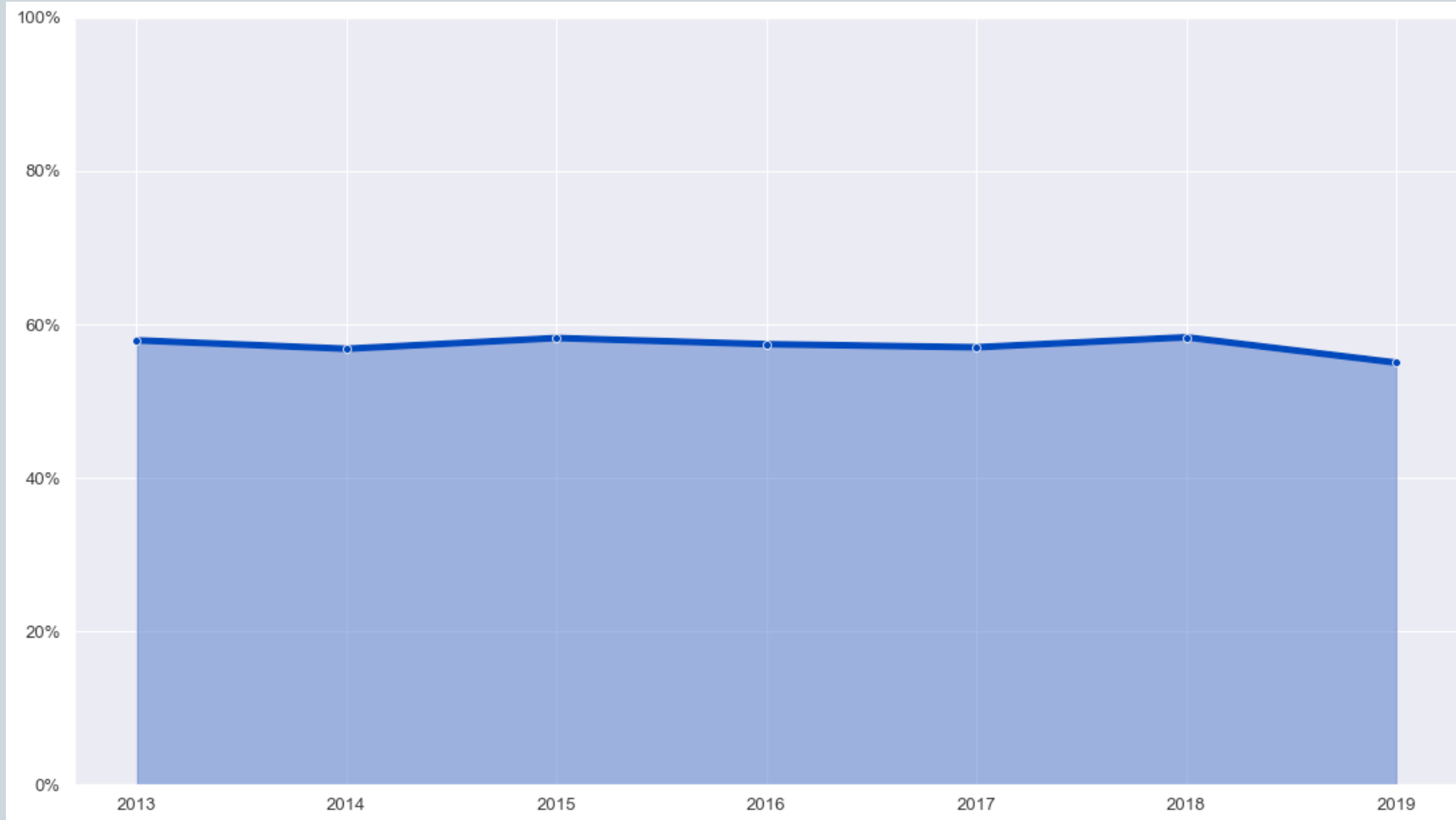
Source: Sentinel Stroke National Audit Programme (SSNAP)

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

III. Meeting the 7-day Priority Clinical Standards for Stroke Care

Patients admitted to a stroke unit within 4 hours of arrival at hospital (2013-2020)

Percentage of patients

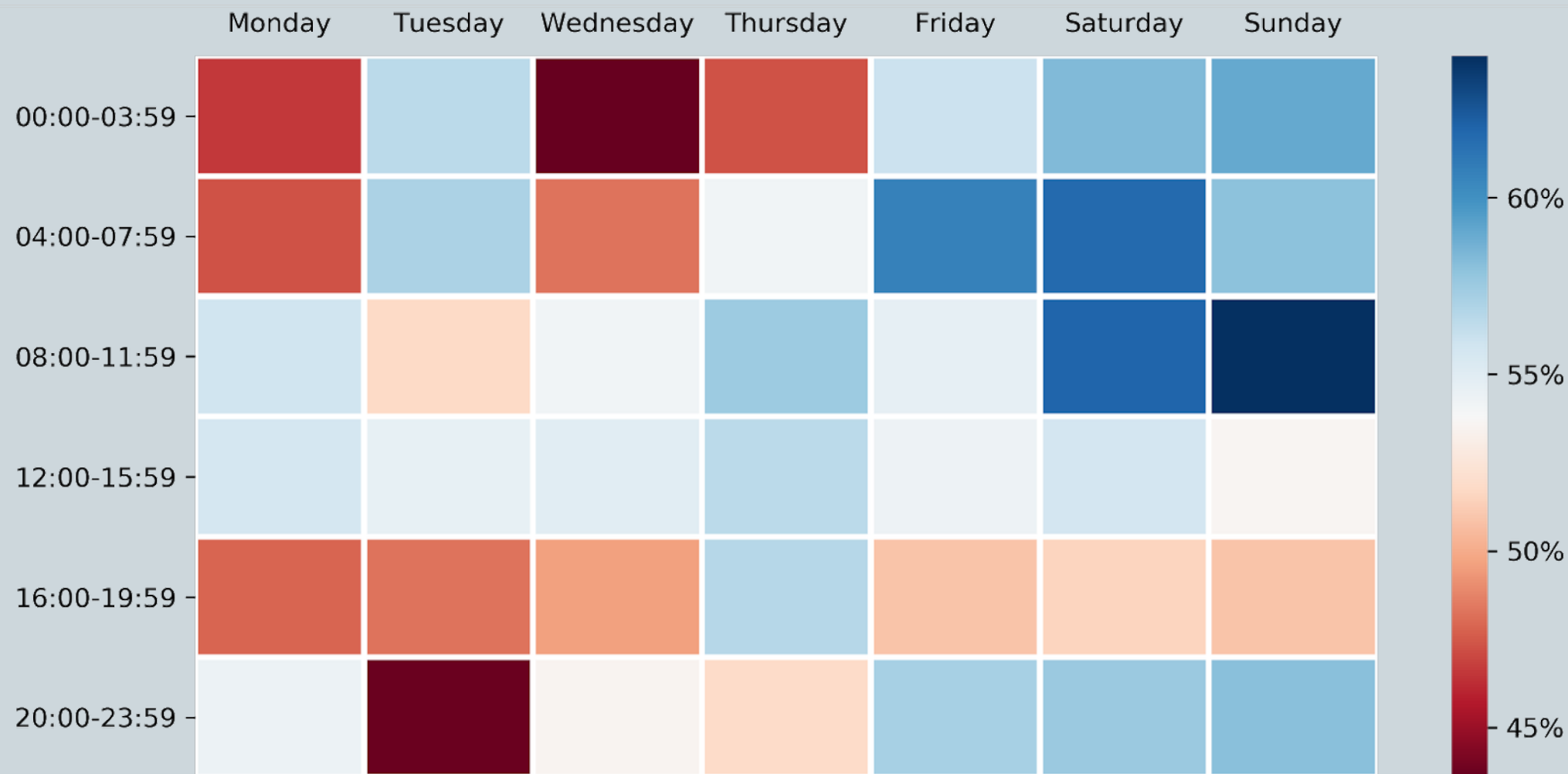


Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results
Item reference: H7.18.1

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Admission to stroke unit in less than 4 hours

Heatmap showing likelihood of admission to a stroke unit within 4 hours of arrival at hospital

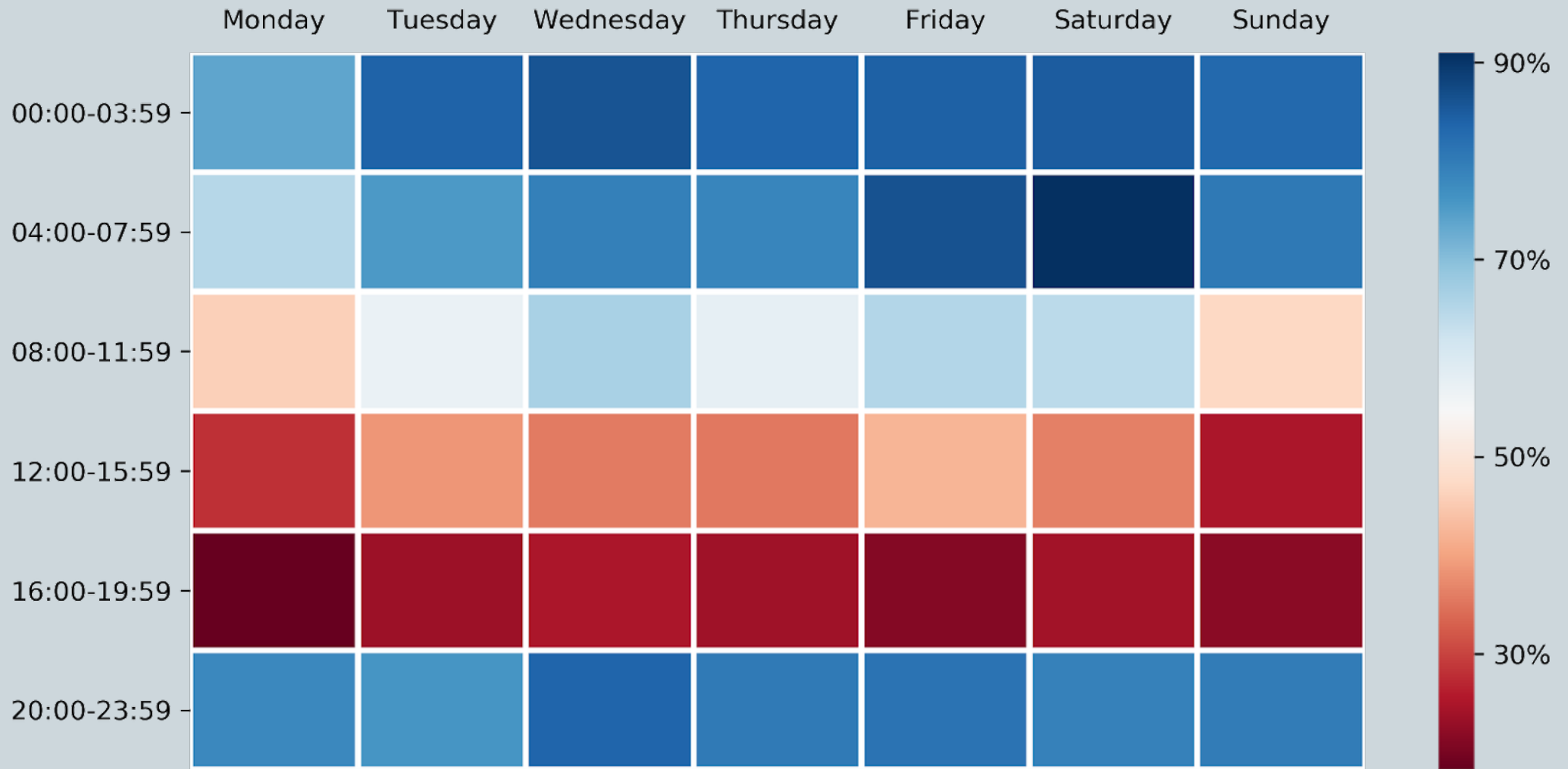


Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Stroke specialist assessment within 14h

Heatmap showing likelihood of assessment by a stroke specialist within 14h of arrival at hospital

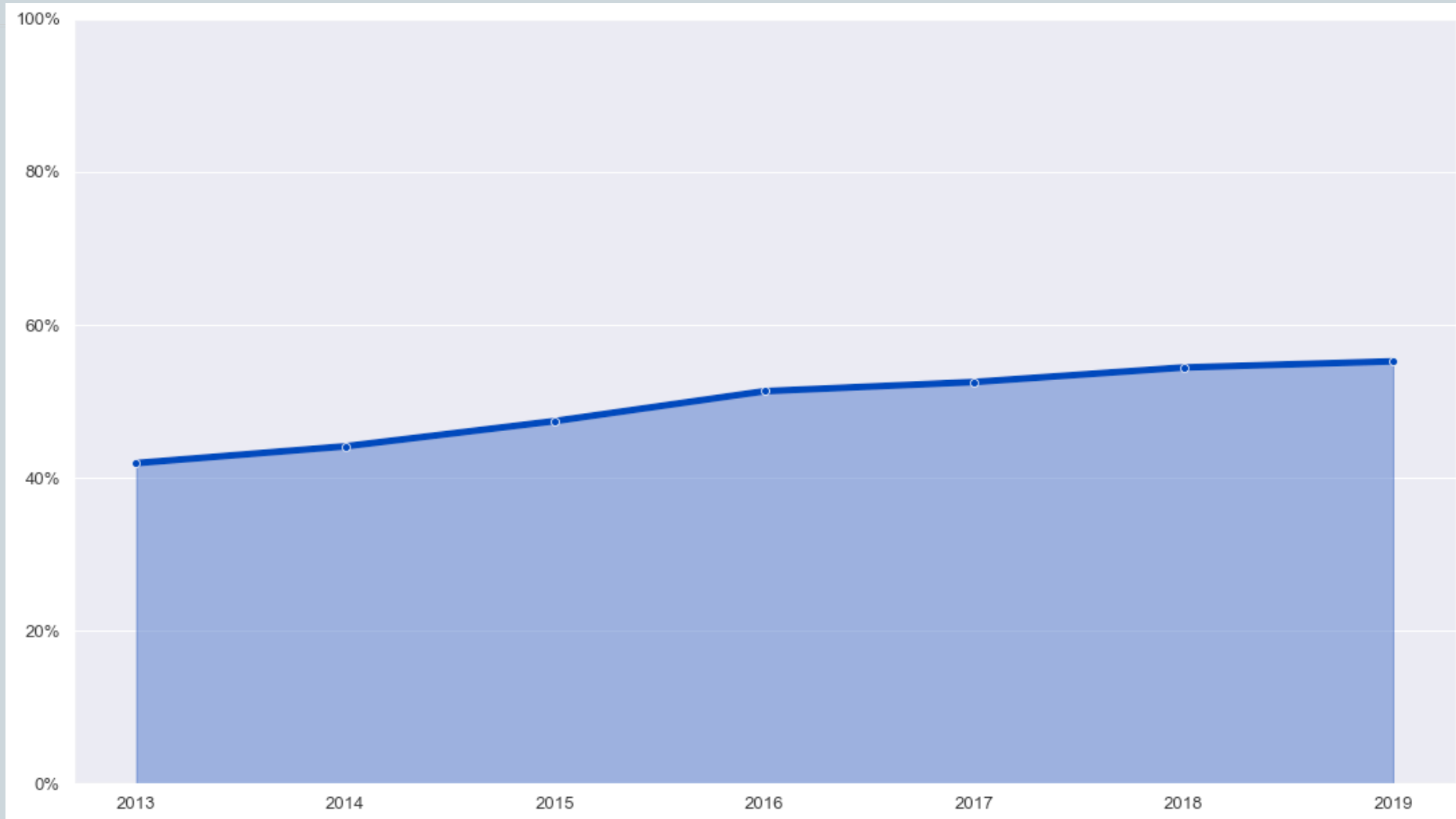


Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

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Patients scanned within 1 hour of arrival at hospital (2013-2020)

Percentage of patient



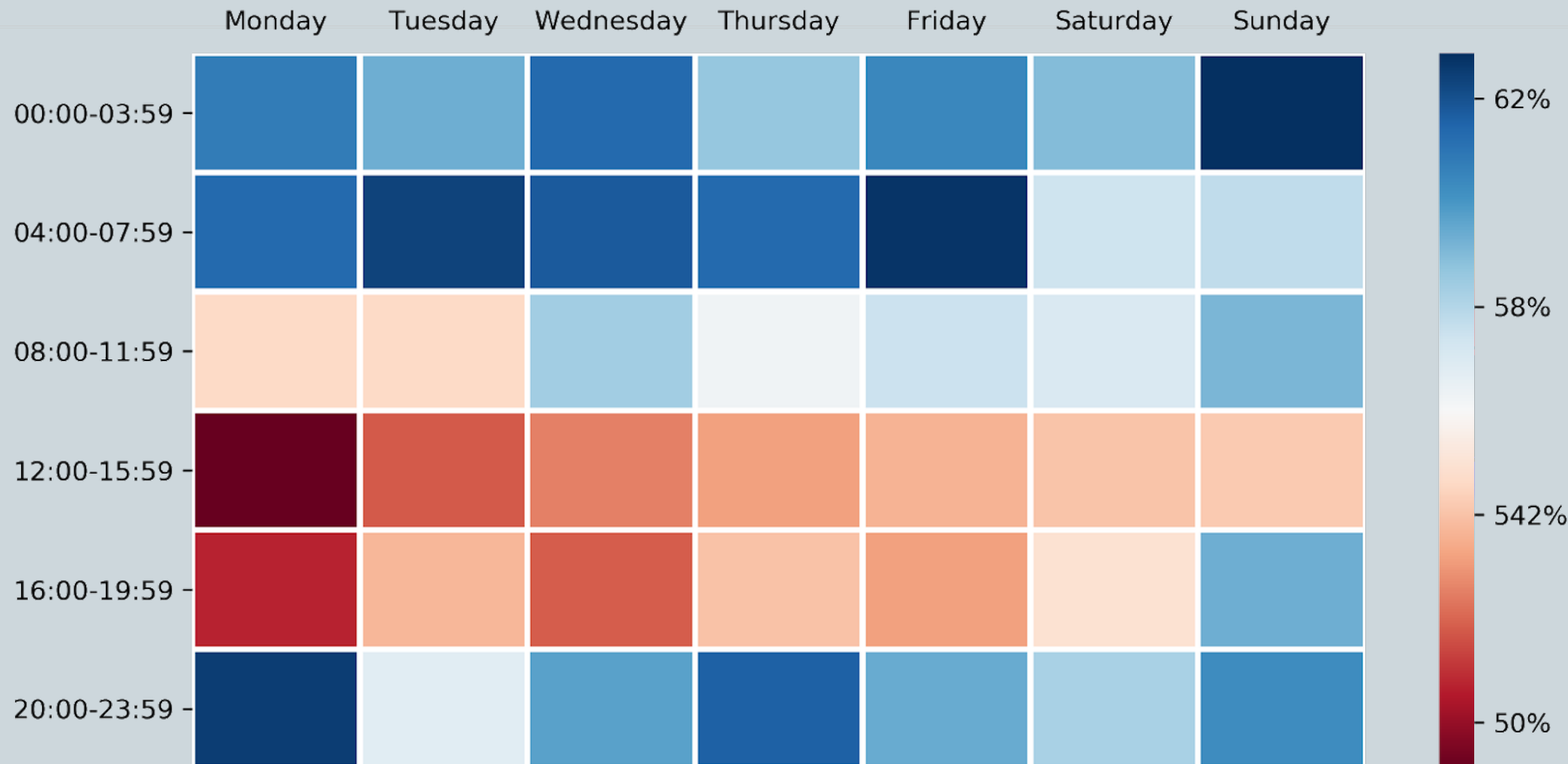
Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

Item reference: H6.9

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Brain imaging within 1 hour

Heatmap showing likelihood of receiving a brain scan within 1 hour of arrival at hospital

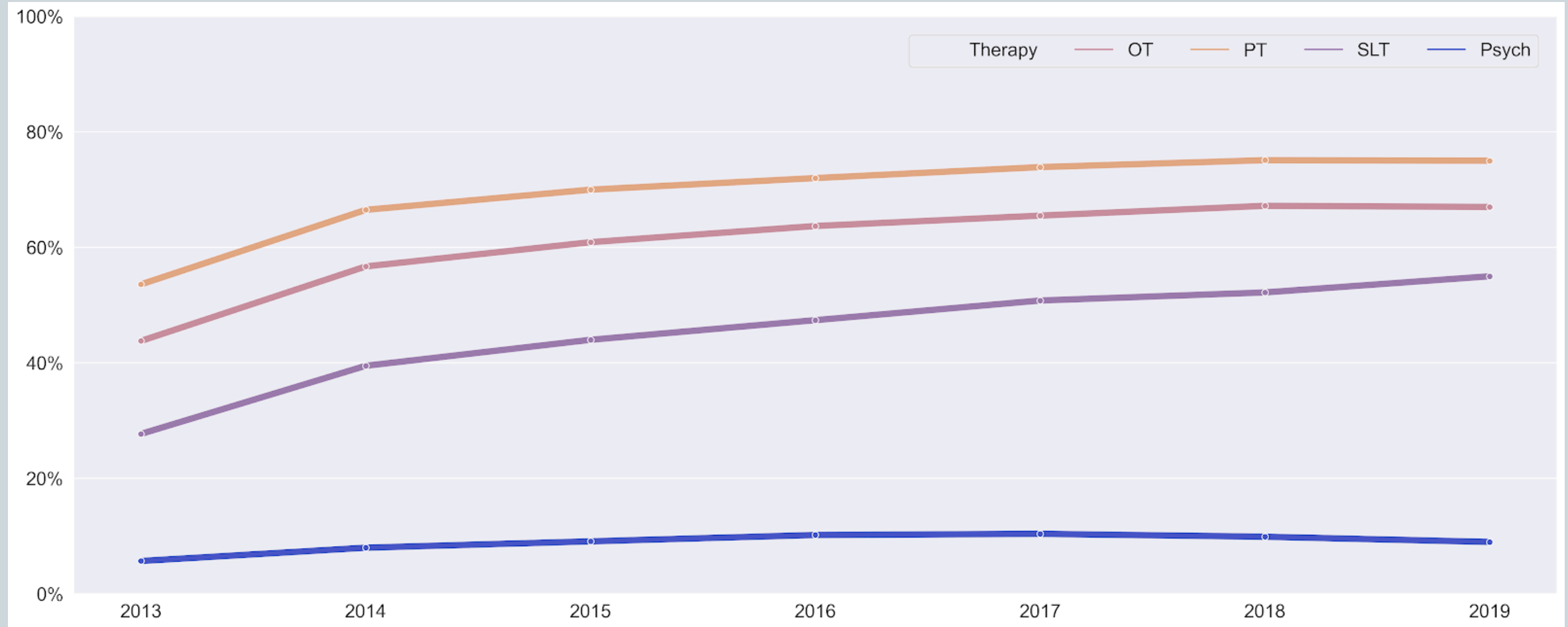


Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Patient days on which physiotherapy, occupational therapy, speech and language therapy or psychology is received (2013-2020)

Median percentage of days as an inpatient on which relevant therapy is received



Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

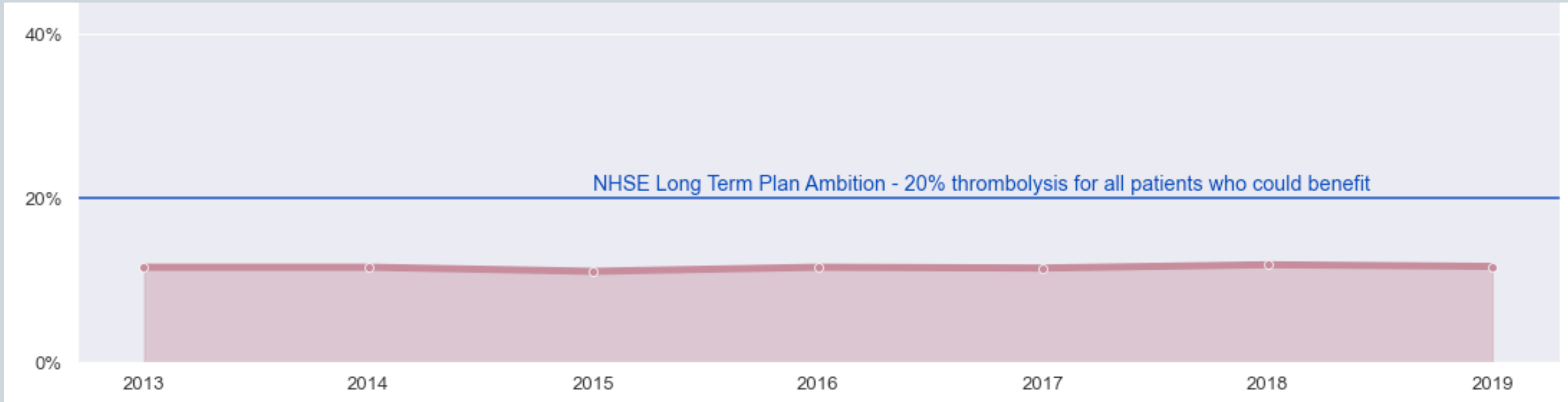
Item reference: K34.4, K35.4, K36.4, K38.4

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

IV. Expanding reperfusion treatment

Patients receiving thrombolysis (2013-2020)

Percentage of all-patients



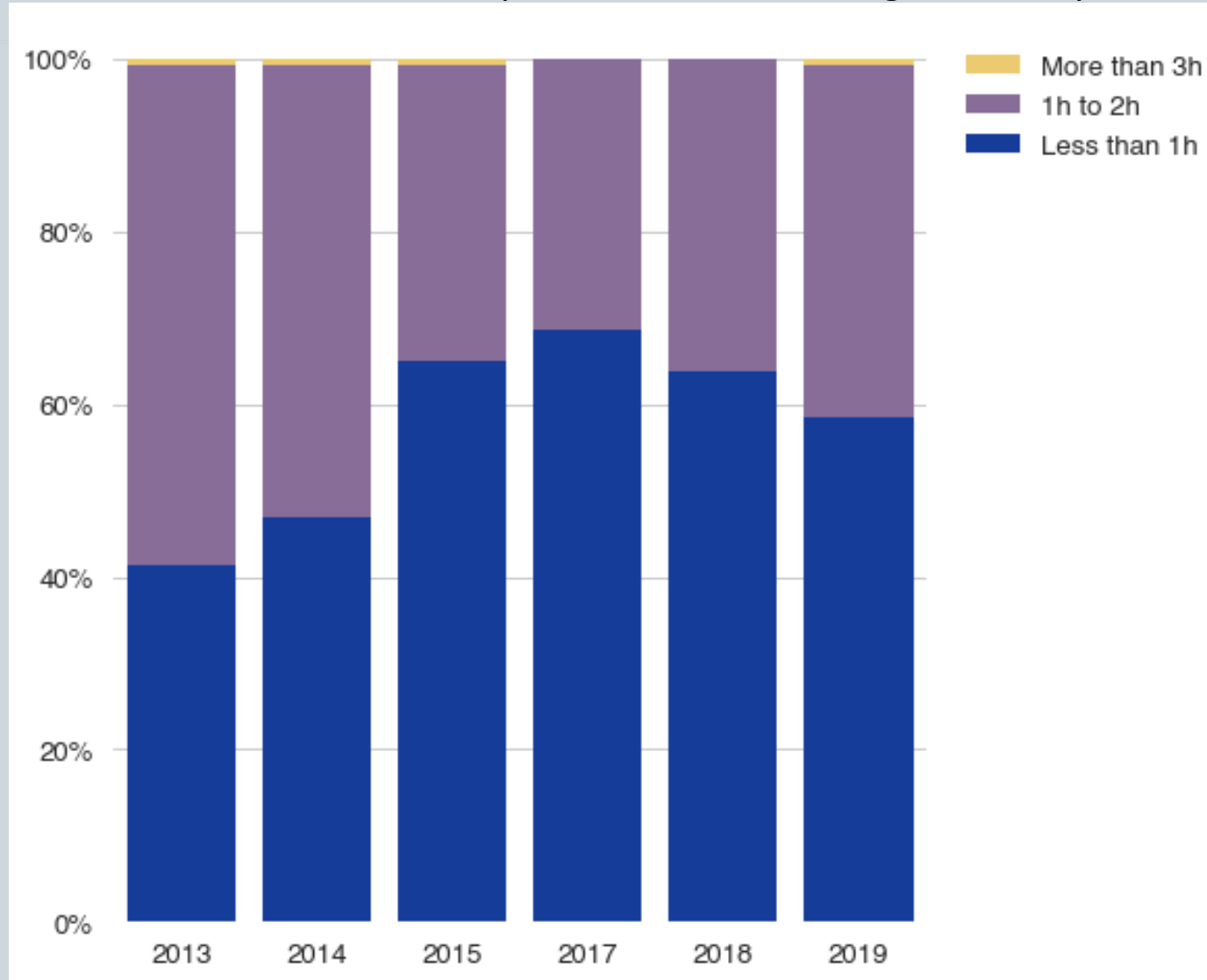
Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

Item reference: H16.3

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Patients receiving thrombolysis by “door-to-needle” time (2013-2020)

Distribution of time from hospital arrival to receiving thrombolysis

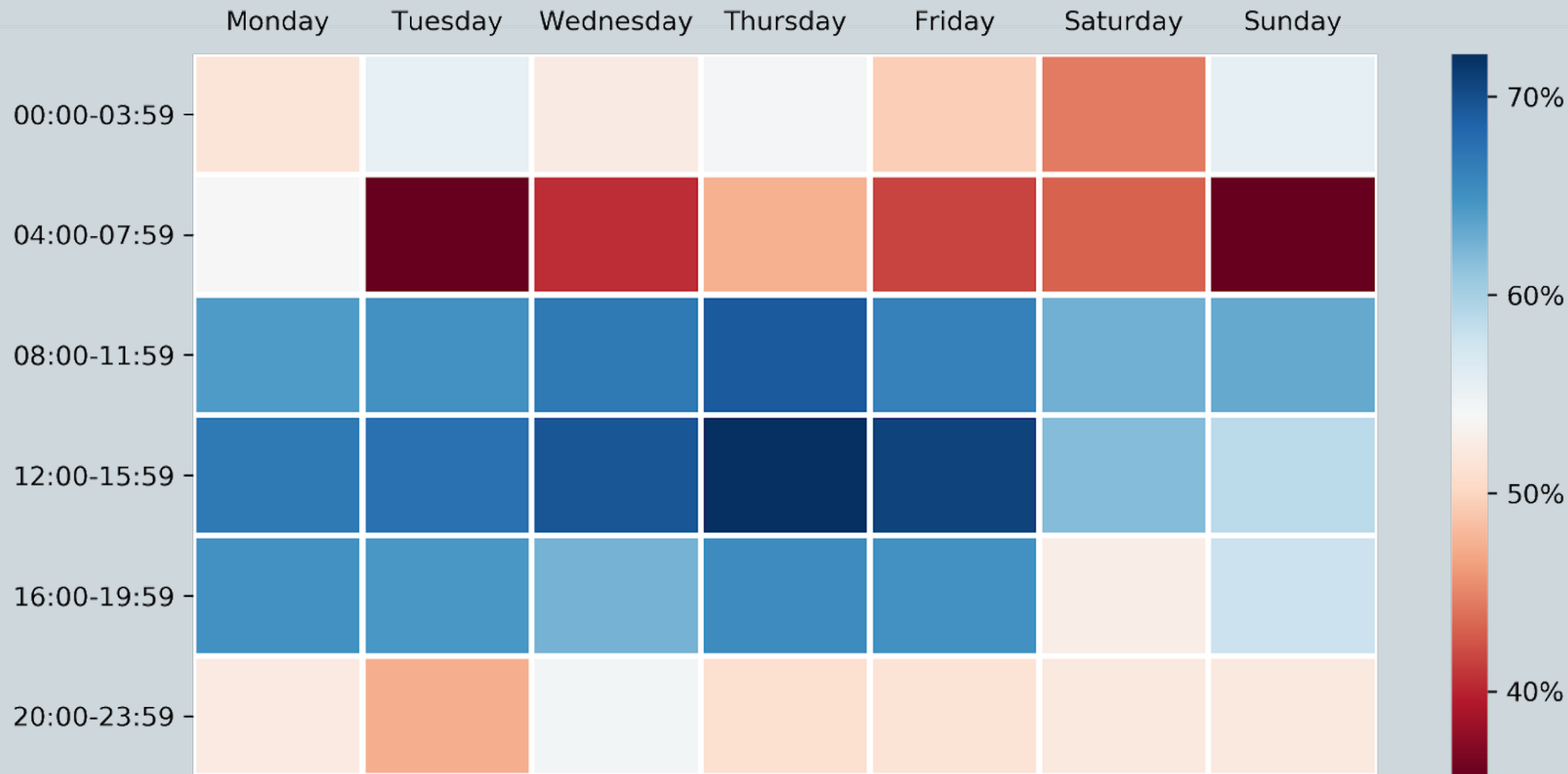


Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Thrombolysis within 1hr

Heatmap showing likelihood of receiving thrombolysis within 1 hour of arrival at hospital,

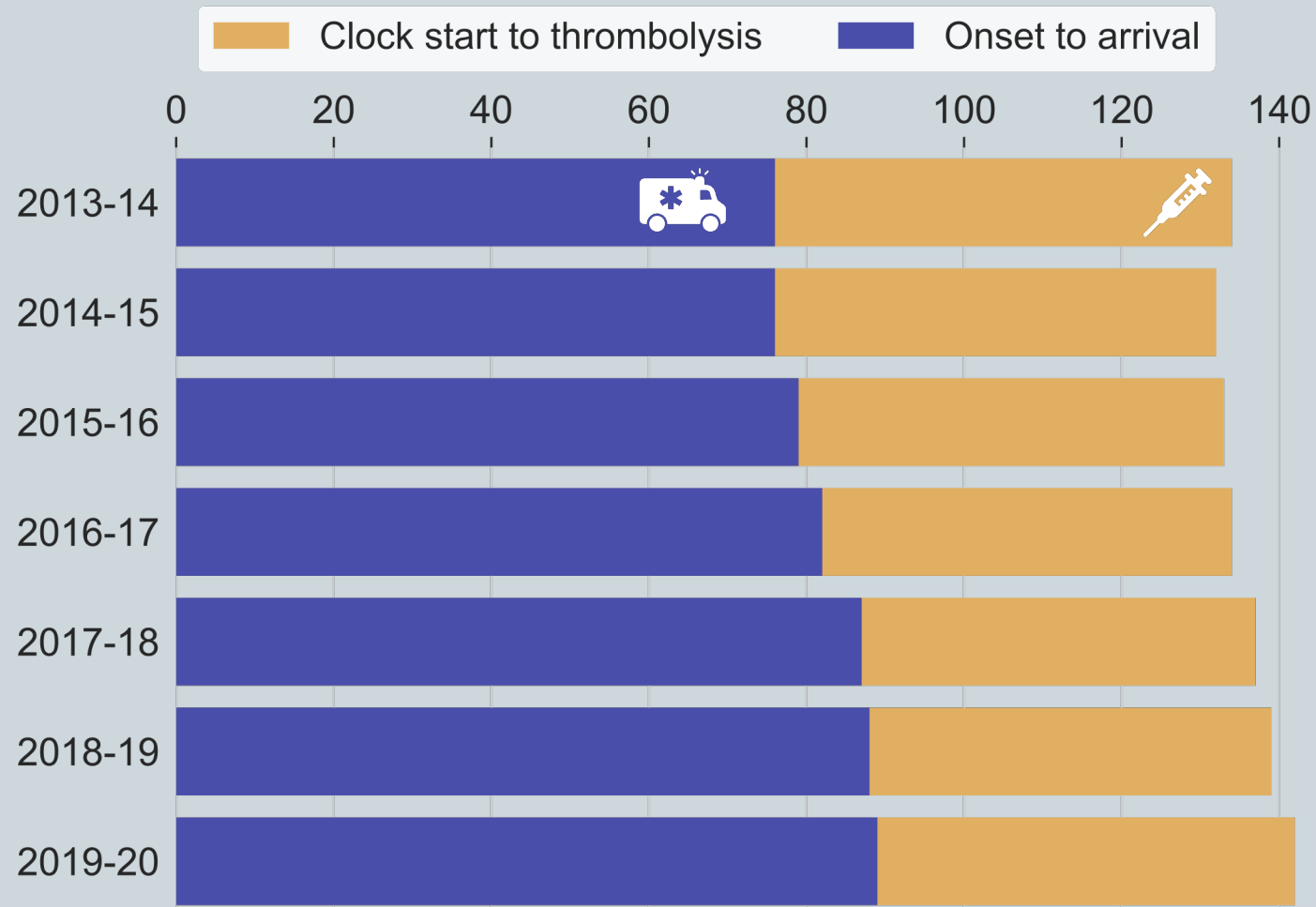


Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Onset to thrombolysis for thrombolysed patients (2013-2020)

Median time from stroke onset to thrombolysis (minutes)



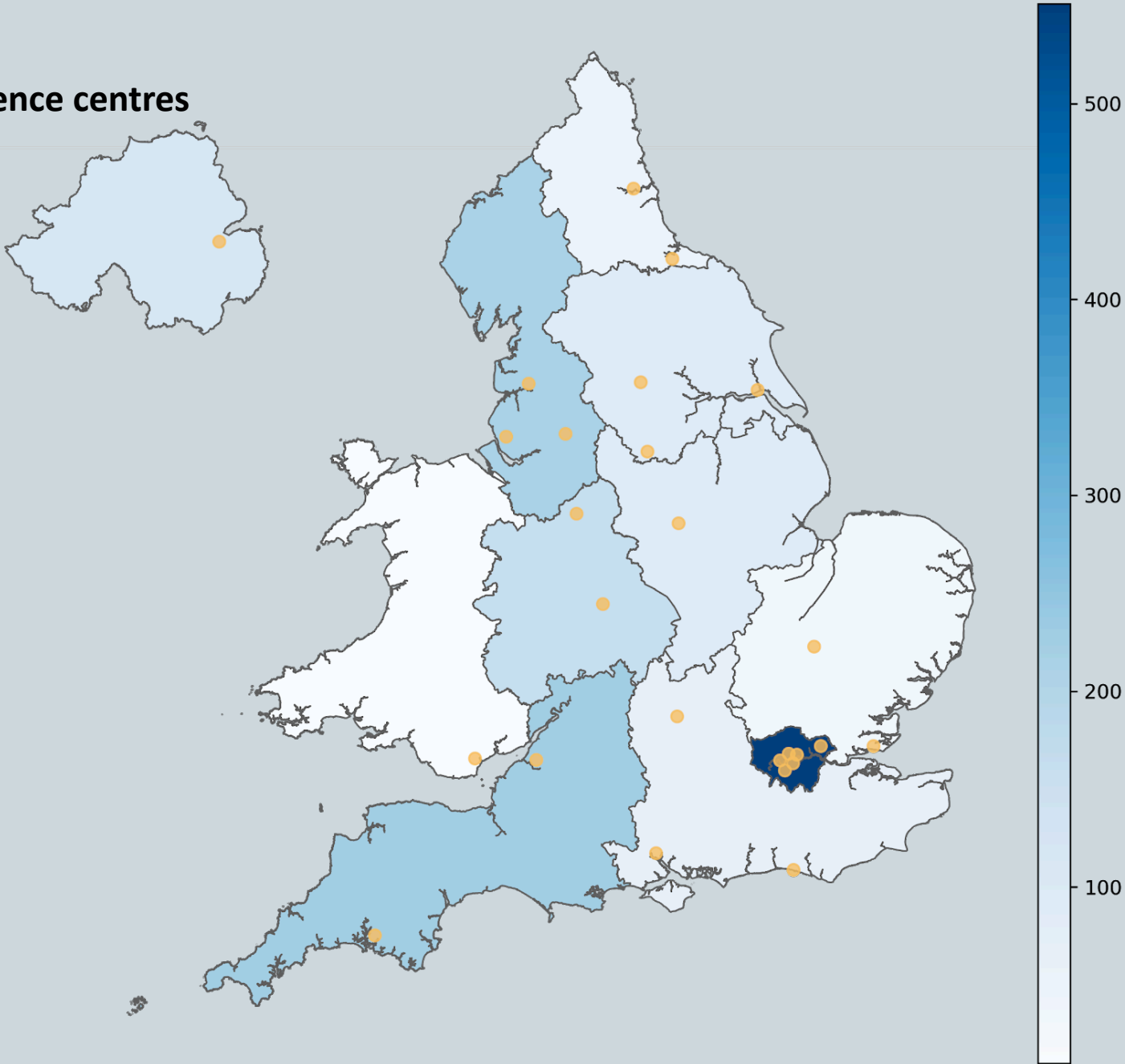
Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

Item reference: H3.3, H16.44

Please note these findings are from the 2020 SSNAP Annual report 'Springboard for Progress' that has not yet been published and therefore these results may be subject to change and are not for onward sharing.

Regional variation of thrombectomy cases by neuroscience centres across England, Wales and Northern Ireland

Number of thrombectomies performed

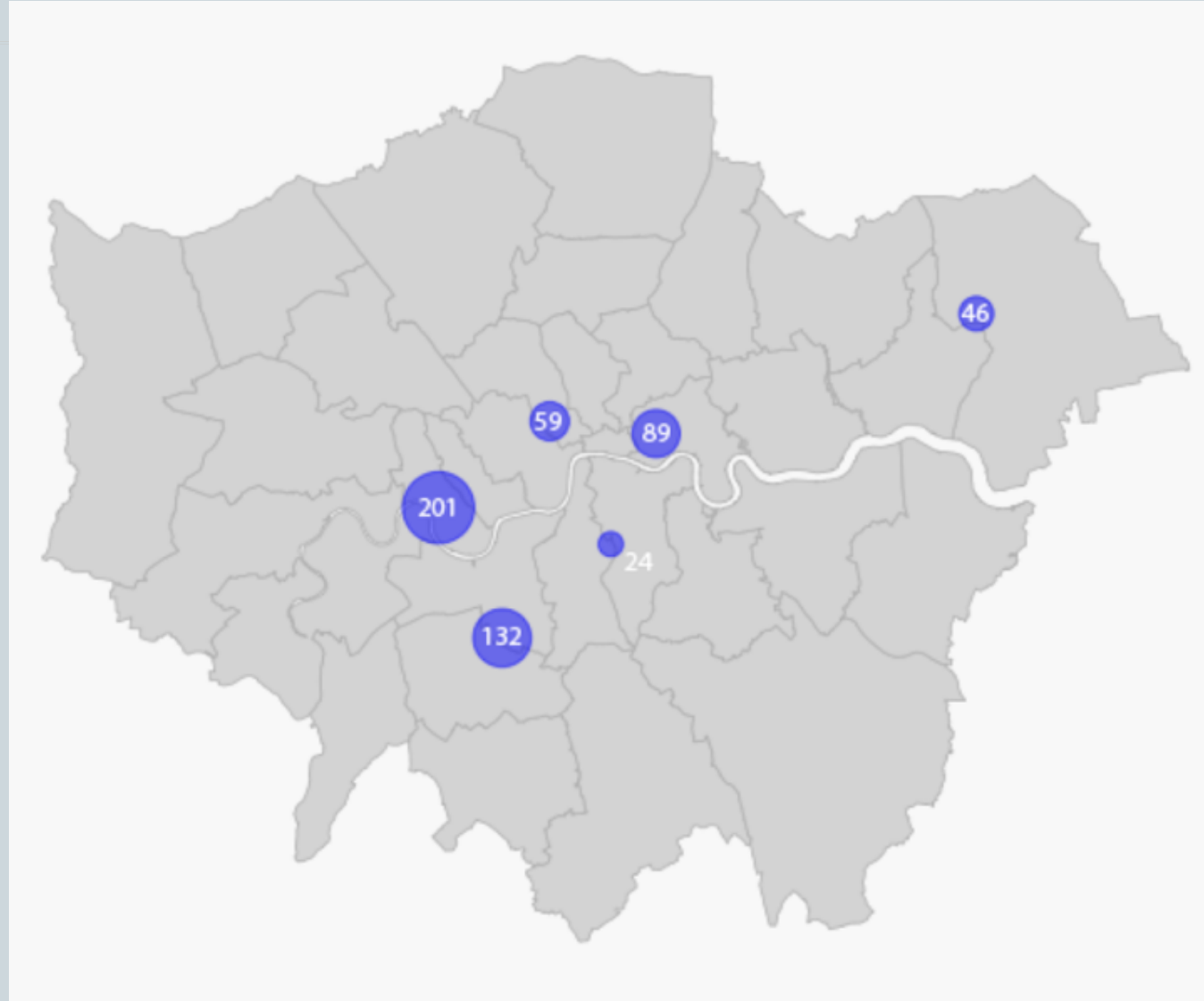


Source: Sentinel Stroke National Audit Programme (SSNAP)

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Number of thrombectomies performed in London

Number of thrombectomies per thrombectomy centre



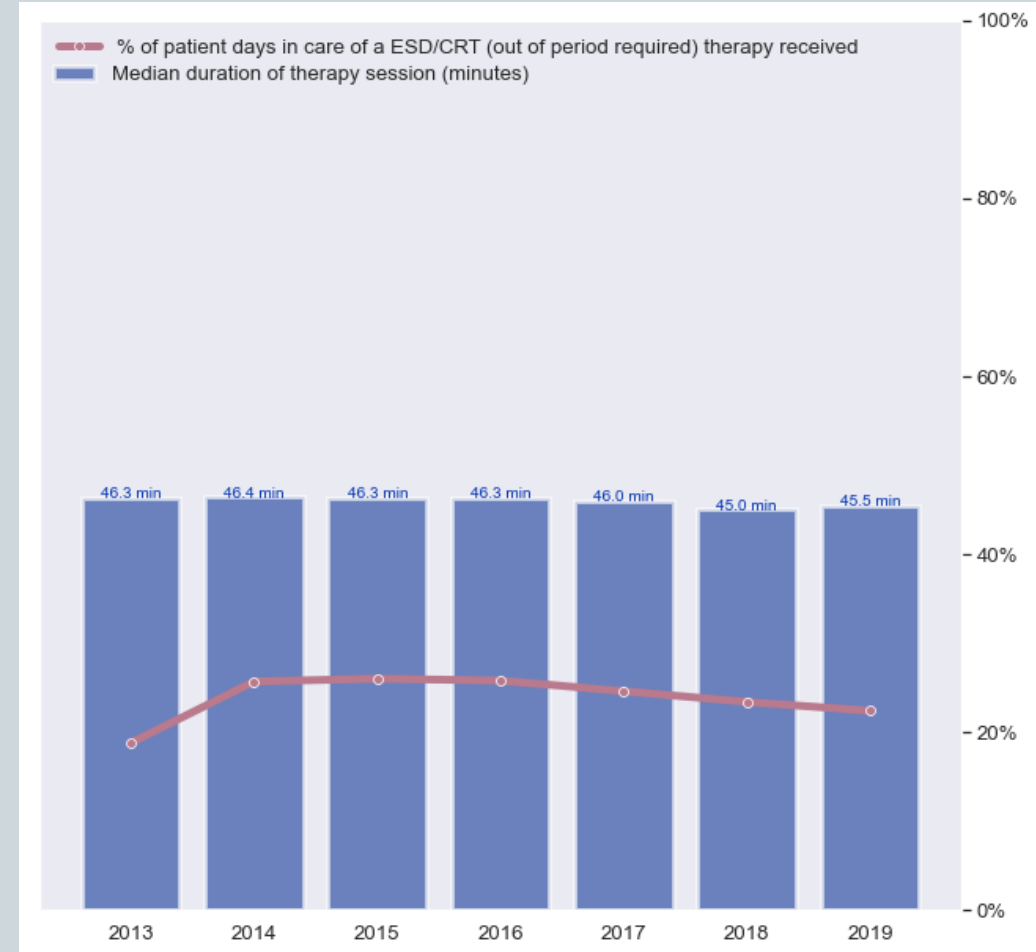
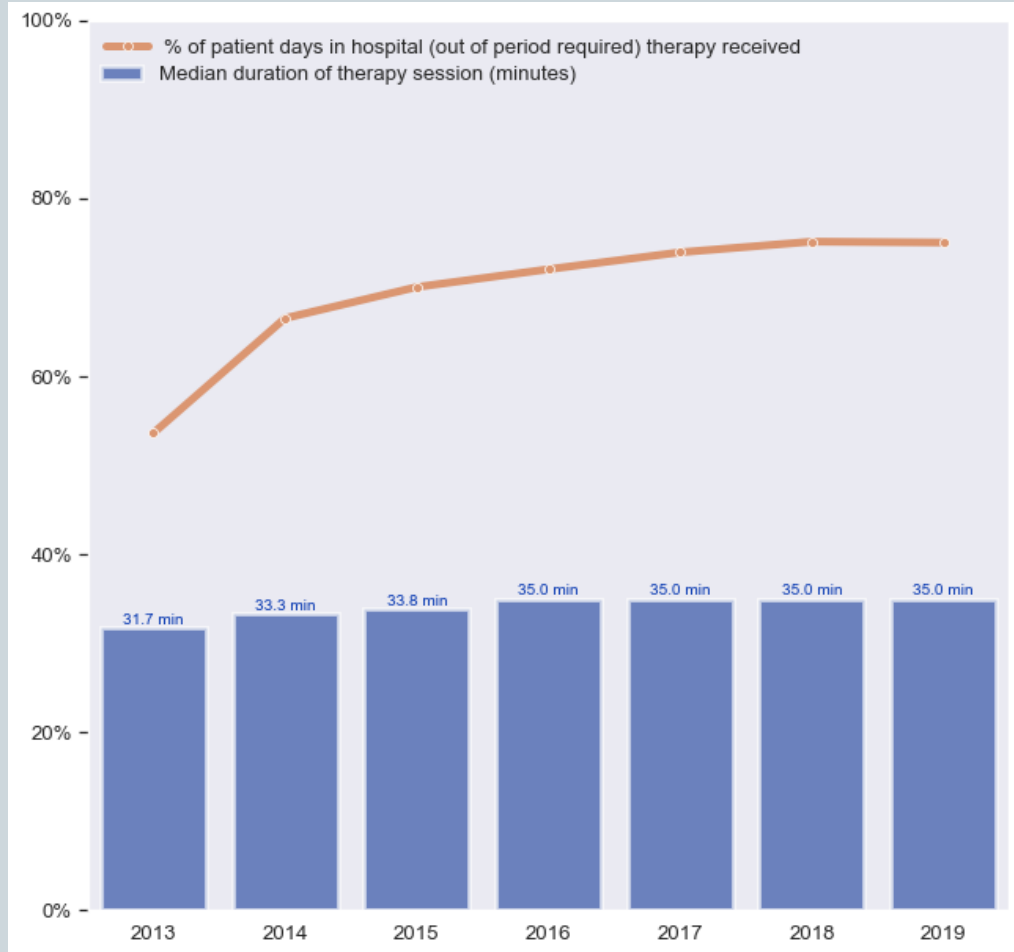
Source: Sentinel Stroke National Audit Programme (SSNAP)

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V. Higher intensity models of stroke rehabilitation

Physiotherapy intensity

Percentage of applicable days at team on which physiotherapy is received and median duration of therapy session (minutes)



Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

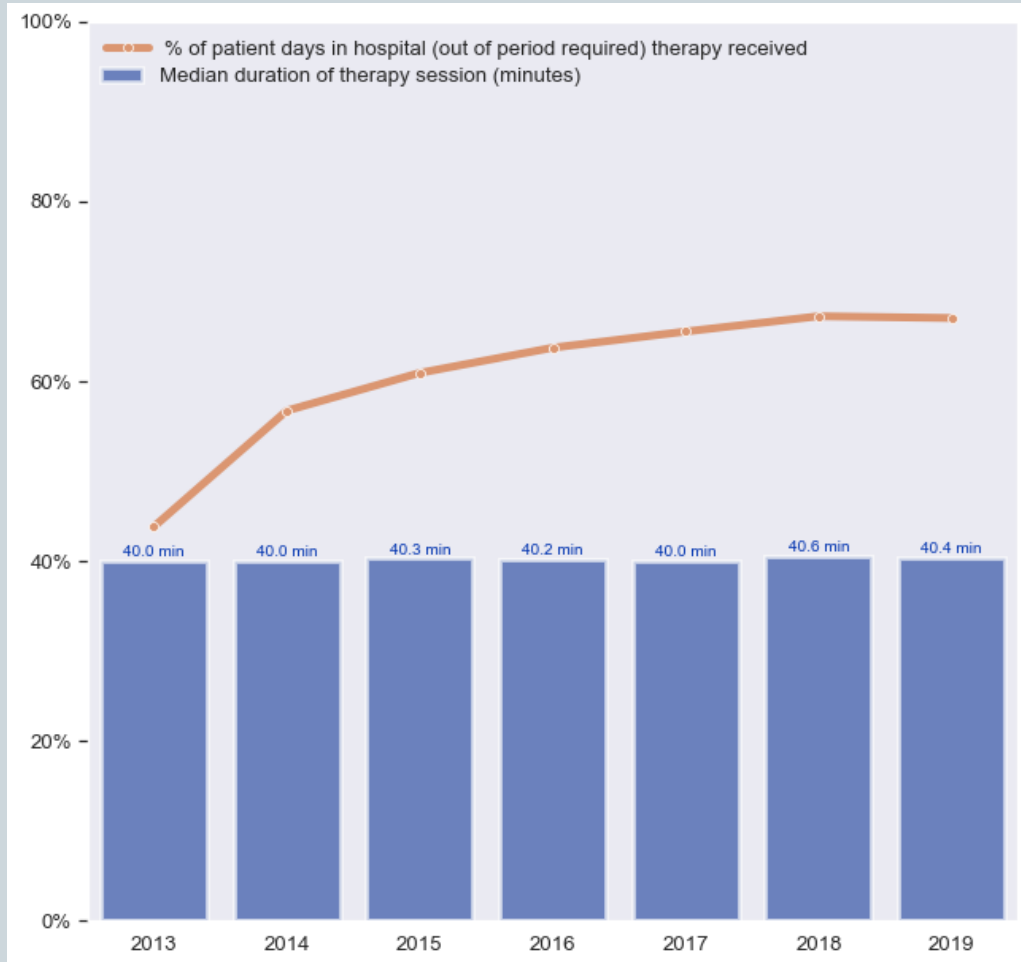
Item reference: K35.4, K35.5, L7.4, L7.5

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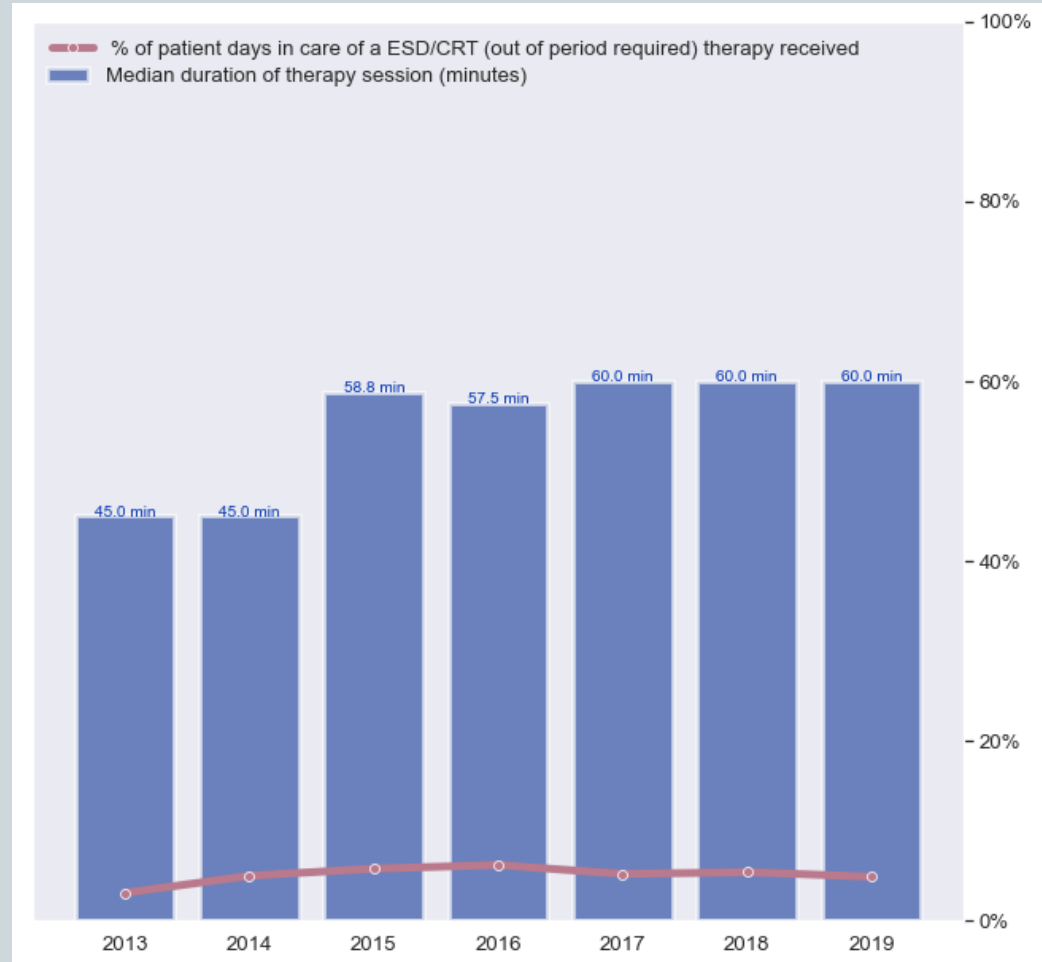
Occupational Therapy intensity

Percentage of applicable days at team on which occupational therapy is received and median duration of therapy session (minutes)

In Hospital



Community



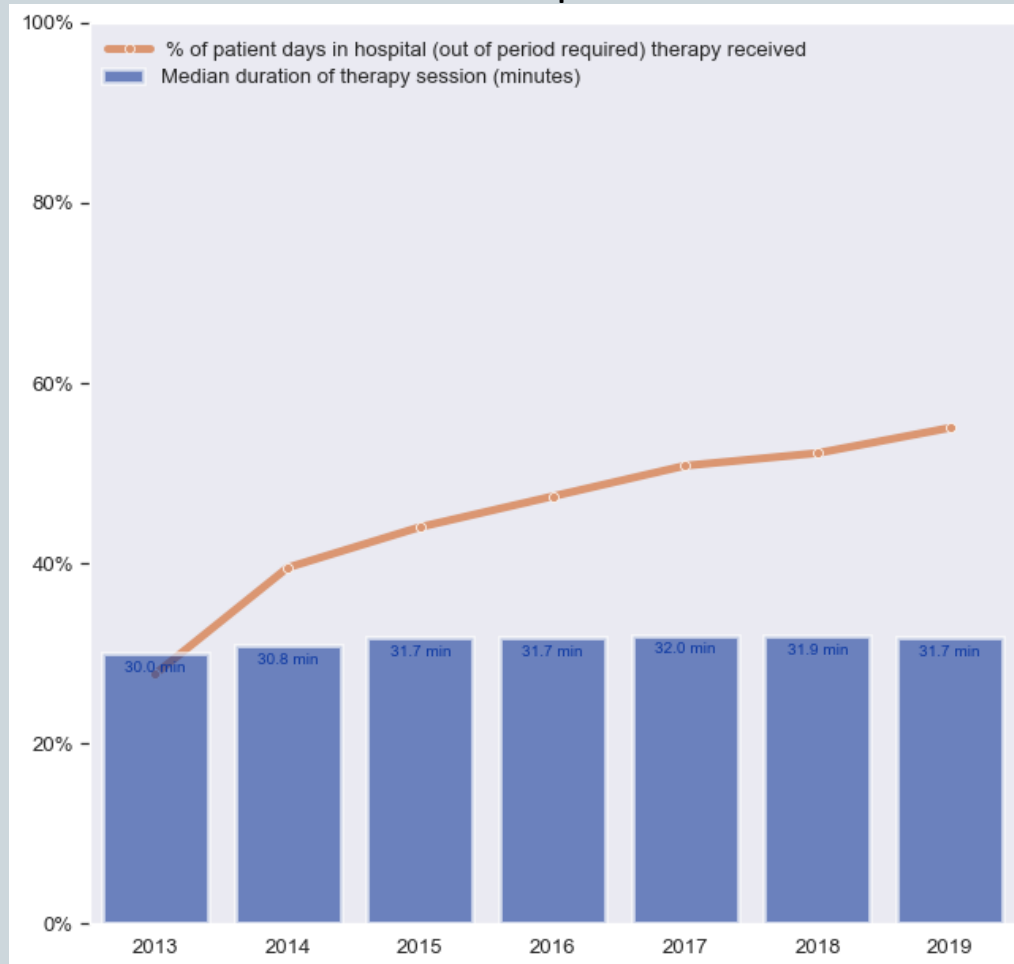
Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results
Item reference: K34.4, K34.5, L6.4, L6.5

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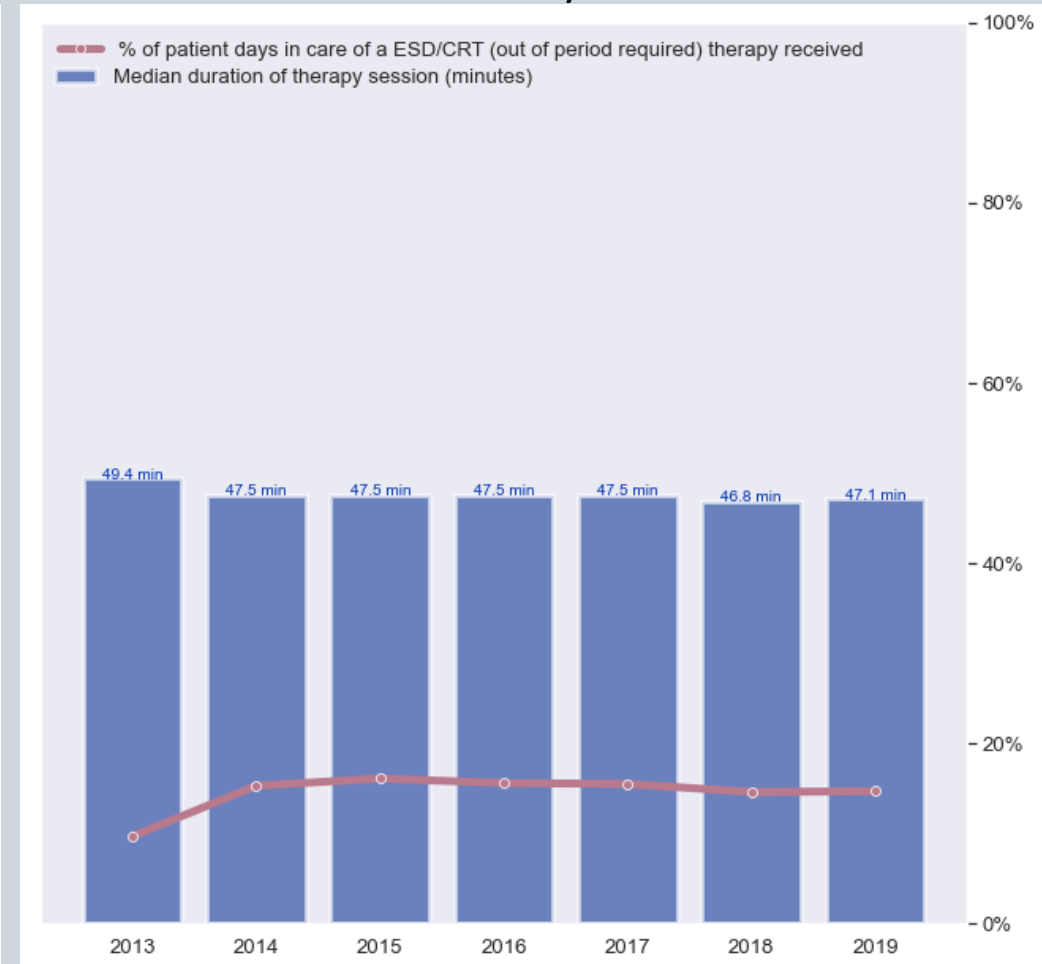
Speech and Language Therapy intensity

Percentage of applicable days at team on which speech and language therapy is received and median duration of therapy session (minutes)

In Hospital



Community



Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results

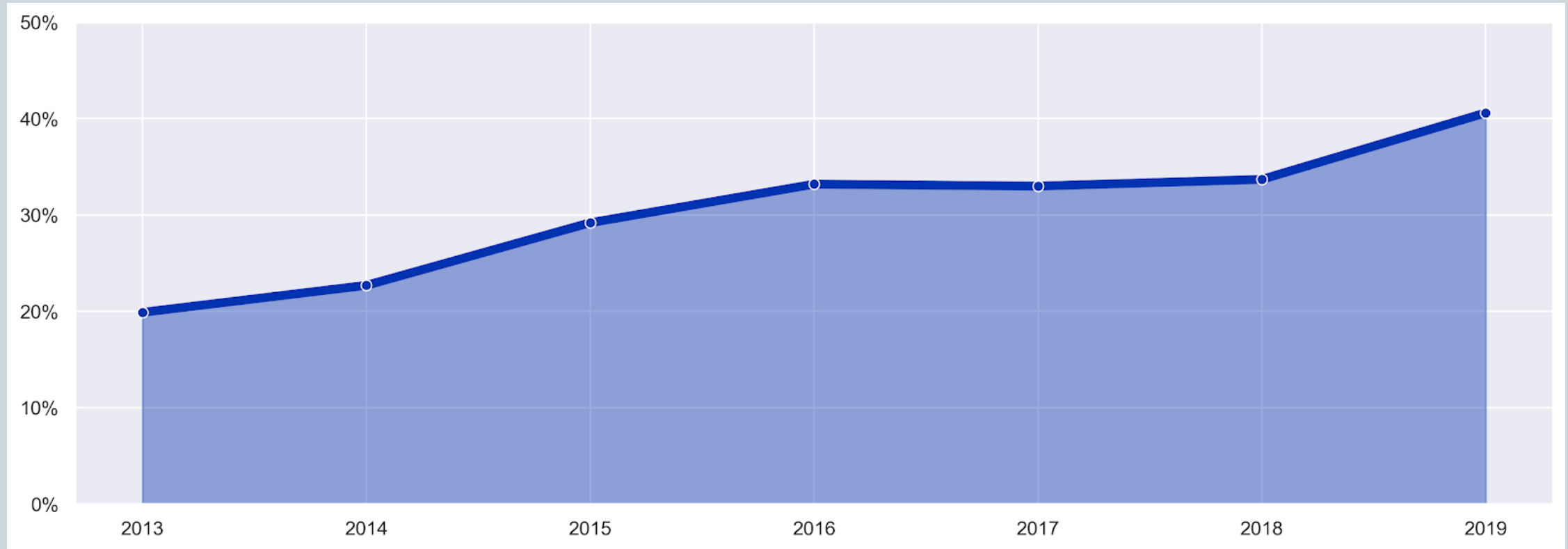
Item reference: K36.4, K36.5, L8.4, L8.5

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VI. Improved outcomes to 6 months and beyond

Patients receiving a 6-month assessment (2013-2020)

Percentage of applicable patients



Source: Sentinel Stroke National Audit Programme (SSNAP) April 2013 to March 2020 National results
Item reference: M4.6

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Final Thoughts

- The National Stroke Audit continues to demonstrate improvements in stroke care with relevance to the NHS Long Term Plan.
- Data from the COVID pandemic has provided useful insights in the maintenance of specialist stroke services.
- Still variations in the quality of stroke care delivered across the country that need addressing.
- Ongoing data collection will enhance the narrative around stroke outcome
Remember: data collection is only one small part of the process of quality improvement!

Thank you for attending 'Springboard for Progress'

If you would like to send us any comments remember you can do it by email to ssnap@kcl.ac.uk

Remember you can find SSNAP Helpline notes and guidance going to <https://ssnap.zendesk.com/>



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