Sentinel Stroke National
Audit Programme (SSNAP)

KING'S
College
LONDON

SSNAP April - June 2022
Routinely admitting teams

www.strokeaudit.org/results

Introduction

- This slideshow is a graphical presentation of the **April – June 2022** results for **routinely admitting teams** (stroke services which directly admit stroke patients for acute stroke care) in your region

- Results are presented in **10 Domains** covering **44 Key Indicators** of stroke care

- Each team's **SSNAP score** is based on its domain scores adjusted **for case ascertainment** and **audit compliance levels**

- These results are available on the results portal www.strokeaudit.org/results in a variety of outputs; including easy access version reports, public reports, summary reports, in CCG/LHB results, and performance tables

- We hope you find this slideshow a useful resource when discussing SSNAP performance with teams within your region and using SSNAP results to drive change

https://www.strokeaudit.org/results/Clinical-audit/Regional-Results-(ISDN).aspx

Overview of this presentation

Overview

- Number of patients per team for 72h and post-72h results
- Number of teams in your region achieving each scoring level
- Combined total key indicator score with case ascertainment and audit compliance adjustments
- Audit compliance
    - NIHSS scores on arrival and 24 hours after thrombolysis
    - timeliness of data entry and of electronic transfers on SSNAP

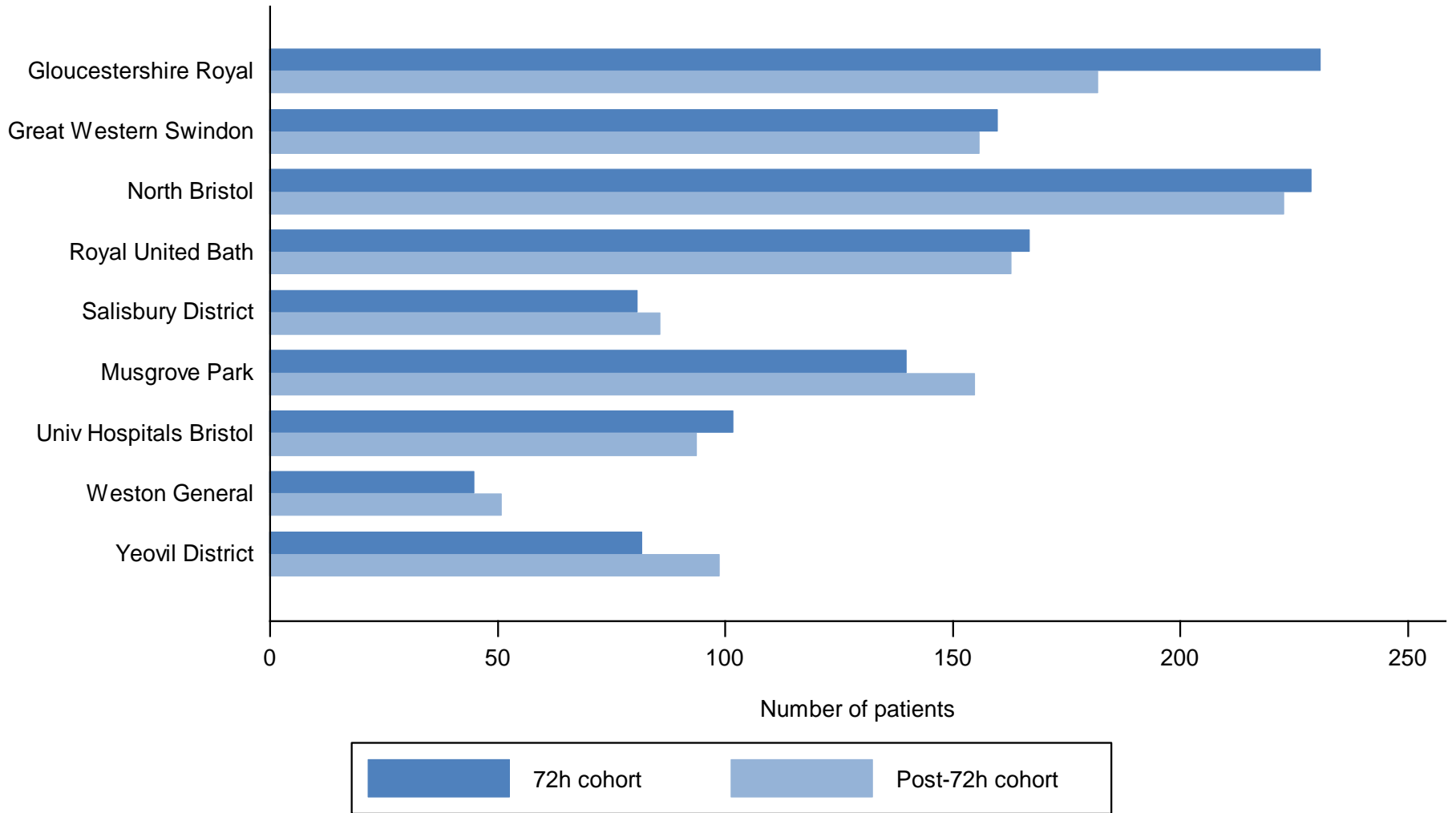## Results in more detail

- Results by domain (this now also includes domains 8, 9 and 10)
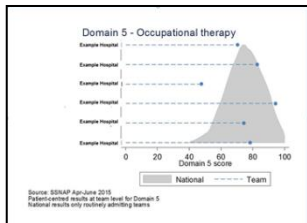
- Results for key indicators within each domain
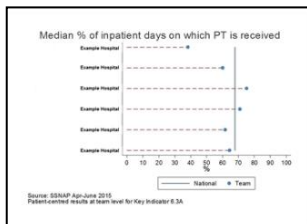
Number of patients per team

Source: SSNAP Apr-Jun 2022
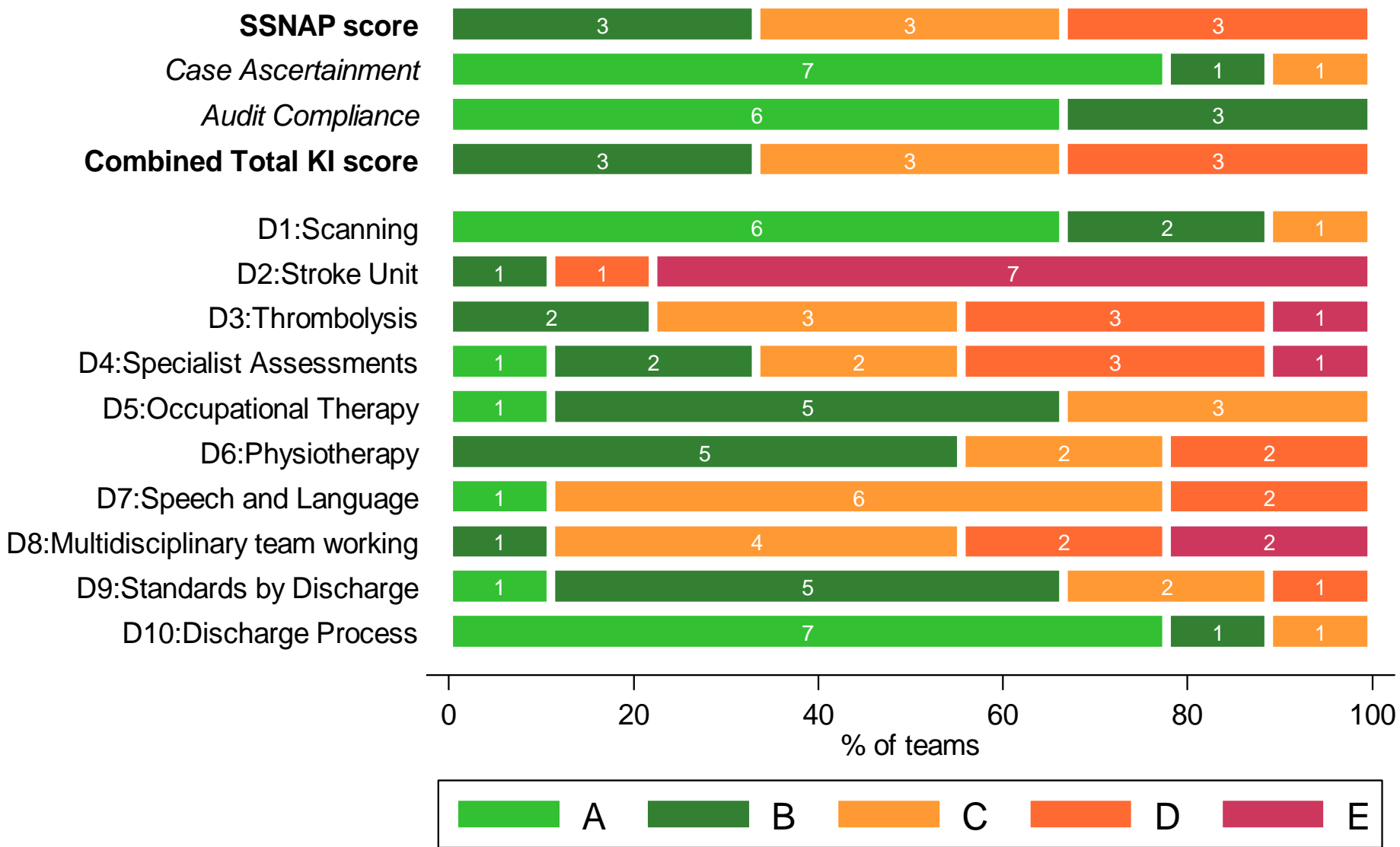Number of patients in both patient-centred cohorts - D2.2 and D5.2

West of England

Patient-Centred Performance Table

Routinely Admitting Teams		Number of patients		Overall Performance				Patient Centred Data											Six Month Assessment*			
Trust	Team Name	Admit	Disch	SSNAP Level	CA	AC	Combined KI Level	D1 Scan	D2 SU	D3 Throm	D4 Spec Asst	D5 OT	D6 PT	D7 SALT	D8 MDT	D9 Std Disch	D10 Disch Proc	PC KI Level	Number Applicable	% Applicable	Number Assessed	% Assessed
South England - West of England																						
Gloucestershire Hospitals NHS Foundation Trust	Gloucestershire Royal Hospital	231	182	B↑↑	A↑↑	A↑	B↑	A	B↑↑	B↑	B	A	B	D	C↑	C↑	C↓	B↑	261	79%	119	46%
Great Western Hospitals NHS Foundation Trust	Great Western Hospital Swindon	160	156	B	A	A	B	A	E↓	C	D	B↓	B	C	C↑	A	A↑	B	258	91%	40	16%
North Bristol NHS Trust	North Bristol Hospitals	229	223	B	A	B↓	B	A	E	C	A↑	B↑	B	C↓	C	B	A	B	395	98%	25	6%
Royal United Hospitals Bath NHS Foundation Trust	Royal United Hospital Bath	167	163	D↓↓	A	A	D↓↓	C↓↓	E	D↓	C↓	C↓	D↓↓	C↓	D	B	B↓	D↓↓	265	96%	59	22%
Salisbury NHS Foundation Trust	Salisbury District Hospital	81	86	C↑	B↓	A↑	C↑	A↑	E	C↑↑	D↑	B↑	C	A↑	B↑	D↓↓	A↑	C↑	152	96%	18	12%
Somerset NHS Foundation Trust	Musgrove Park Hospital	140	155	C↓	A	A	C↓	A	D↑	D	C	C↓↓	C↓	C	C↓	B	A	C↓	179	81%	151	84%
University Hospitals Bristol and Weston NHS Foundation Trust	University Hospitals Bristol Inpatient Team	102	94	D	C↓	B↓	D	B	E	E↓	E	B↑	B↑	C↓	E	B↑	A	D	191	100%	3	2%
University Hospitals Bristol and Weston NHS Foundation Trust	Weston General Hospital	45	51	C↑	A	B↓	C↑	A↑	E	B↑↑↑	B	C↓	D↓	C↑↑	D	B↓	A↑	C↑	84	97%	8	10%
Yeovil District Hospital NHS Foundation Trust	Yeovil District Hospital	82	99	D	A	A↑	D	B↓	E	D	D	B↑	B↑	D↓	E↓	C	A	D	87	73%	71	82%

*Six month assessment data contains information about six month follow-up assessments in the time period that this report covers and three months prior
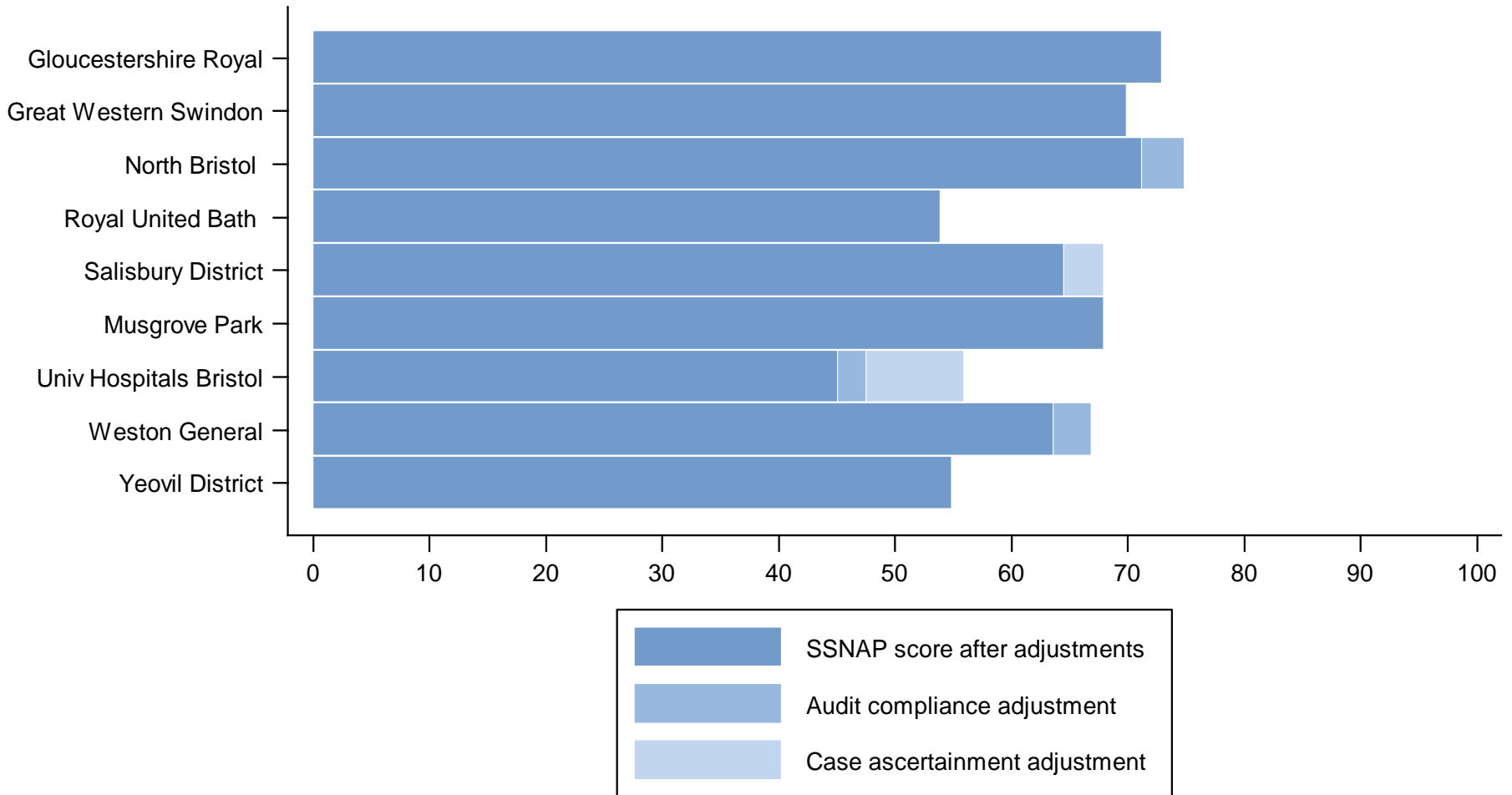
Team-Centred Performance Table

Routinely Admitting Teams		Number of patients		Overall Performance				Team Centred Data										
Trust	Team Name	Admit	Disch	SSNAP Level	CA	AC	Combined KI Level	D1 Scan	D2 SU	D3 Throm	D4 Spec Asst	D5 OT	D6 PT	D7 SALT	D8 MDT	D9 Std Disch	D10 Disch Proc	TC KI Level
South England - West of England																	
Gloucestershire Hospitals NHS Foundation Trust	Gloucestershire Royal Hospital	223	173	B↑↑	A↑↑	A↑	B↑	A	B↑↑	B↑	B	A↑	A↑	E↓	C	C↑	D↓↓	B↑
Great Western Hospitals NHS Foundation Trust	Great Western Hospital Swindon	157	157	B	A	A	B	A	E↓	D↓	D	A	B	C	C	A	A↑	B
North Bristol NHS Trust	North Bristol Hospitals	186	235	B	A	B↓	B	A	E	C	B	B	B	B	B↑	B	A↑	B
Royal United Hospitals Bath NHS Foundation Trust	Royal United Hospital Bath	163	162	D↓↓	A	A	D↓↓	C↓↓	E	D↓	C	D↓	D↓	C↓↓	D	B	A	D↓
Salisbury NHS Foundation Trust	Salisbury District Hospital	78	87	C↑	B↓	A↑	C↑	A↑	E	D↑	D↑	B↑	C	A	B↑	C↓	A↑	C↑
Somerset NHS Foundation Trust	Musgrove Park Hospital	134	149	C↓	A	A	C↓	A	D↑	D	C	B	C↓	C↓	B	B	A	B
University Hospitals Bristol and Weston NHS Foundation Trust	University Hospitals Bristol Inpatient Team	98	95	D	C↓	B↓	D	B	E	E↓	E	C	B↑	C↓	D↑	B↑	A	D
University Hospitals Bristol and Weston NHS Foundation Trust	Weston General Hospital	39	54	C↑	A	B↓	C↑	A↑	E	B↑↑↑	B	C↓	D↓	D↑	C	A	A↑	C
Yeovil District Hospital NHS Foundation Trust	Yeovil District Hospital	81	89	D	A	A↑	D	B↓	E	D	D	B↑	C	D↓	E↓	C	A	D

	% of teams
SSNAP score	3 / 3 / 3
Case Ascertainment	7 / 1 / 1
Audit Compliance	6 / 3
Combined Total KI score	3 / 3 / 3
D1:Scanning	6 / 2 / 1
D2:Stroke Unit	1 / 1 / 7
D3:Thrombolysis	2 / 3 / 3 / 1
D4:Specialist Assessments	1 / 2 / 2 / 3 / 1
D5:Occupational Therapy	1 / 5 / 3
D6:Physiotherapy	5 / 2 / 2
D7:Speech and Language	1 / 6 / 2
D8:Multidisciplinary team working	1 / 4 / 2 / 2
D9:Standards by Discharge	1 / 5 / 2 / 1
D10:Discharge Process	7 / 1 / 1

Legend: A | B | C | D | E

Source: SSNAP Apr-Jun 2022
Patient-centred results for routinely admitting teams

West of England

SSNAP score:
Combined Total KI score adjusted for AC and CA

Legend:
- SSNAP score after adjustments
- Audit compliance adjustment
- Case ascertainment adjustment

Source: SSNAP Apr-Jun 2022
Team level results demonstrating the proportion of the Combined Total Key Indicator score which is removed due to AC and CA adjustments to derive the overall SSNAP score

West of England

Audit Compliance

Gloucestershire Royal

Great Western Swindon

North Bristol

Royal United Bath

Salisbury District

Musgrove Park

Univ Hospitals Bristol

Weston General

Yeovil District

Audit Compliance score

0   20   40   60   80   100

National   Team
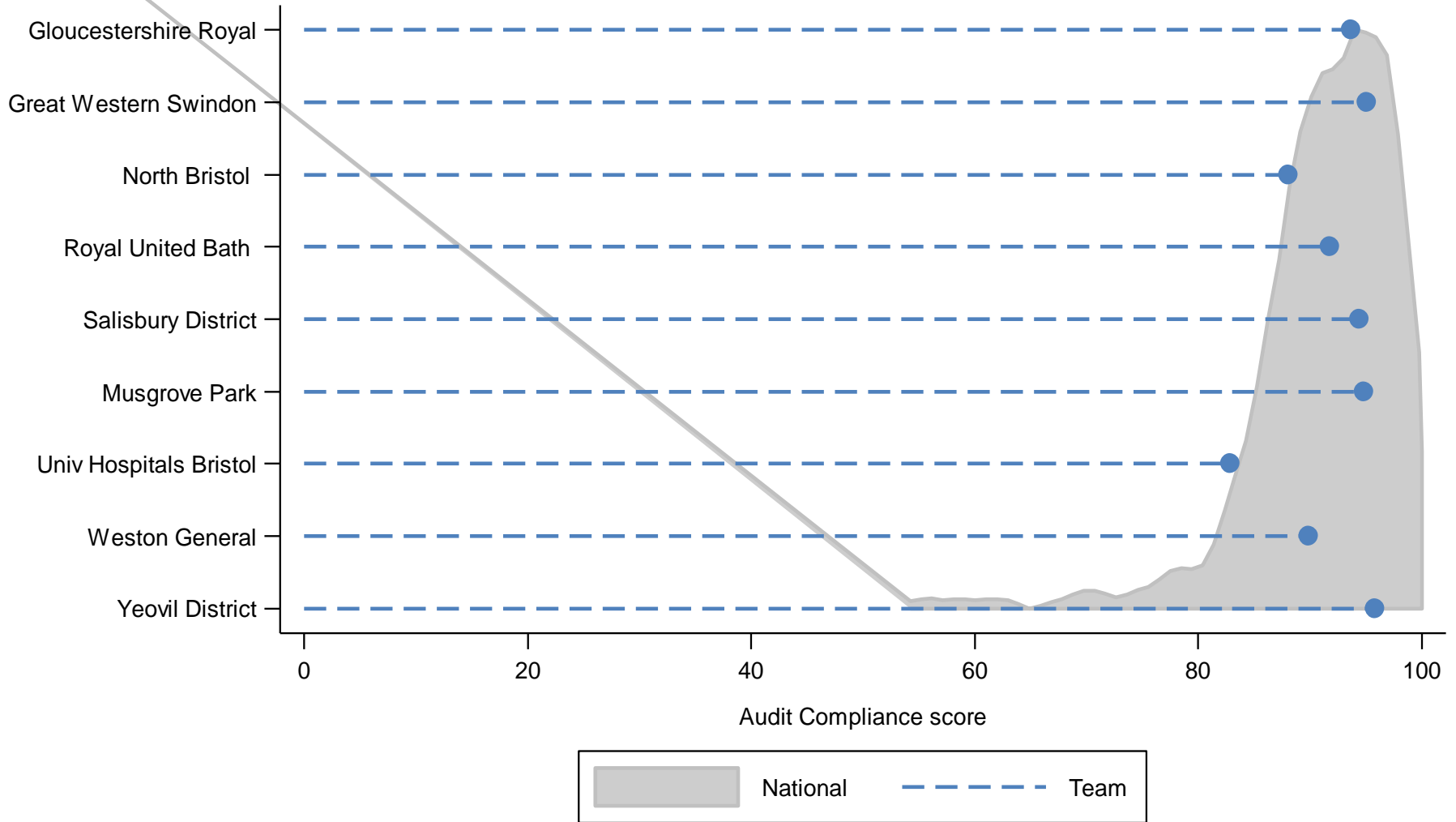
Source: SSNAP Apr-Jun 2022
Team-centred results at team level for Audit Compliance C1.2

West of England

NIHSS at arrival is fully complete
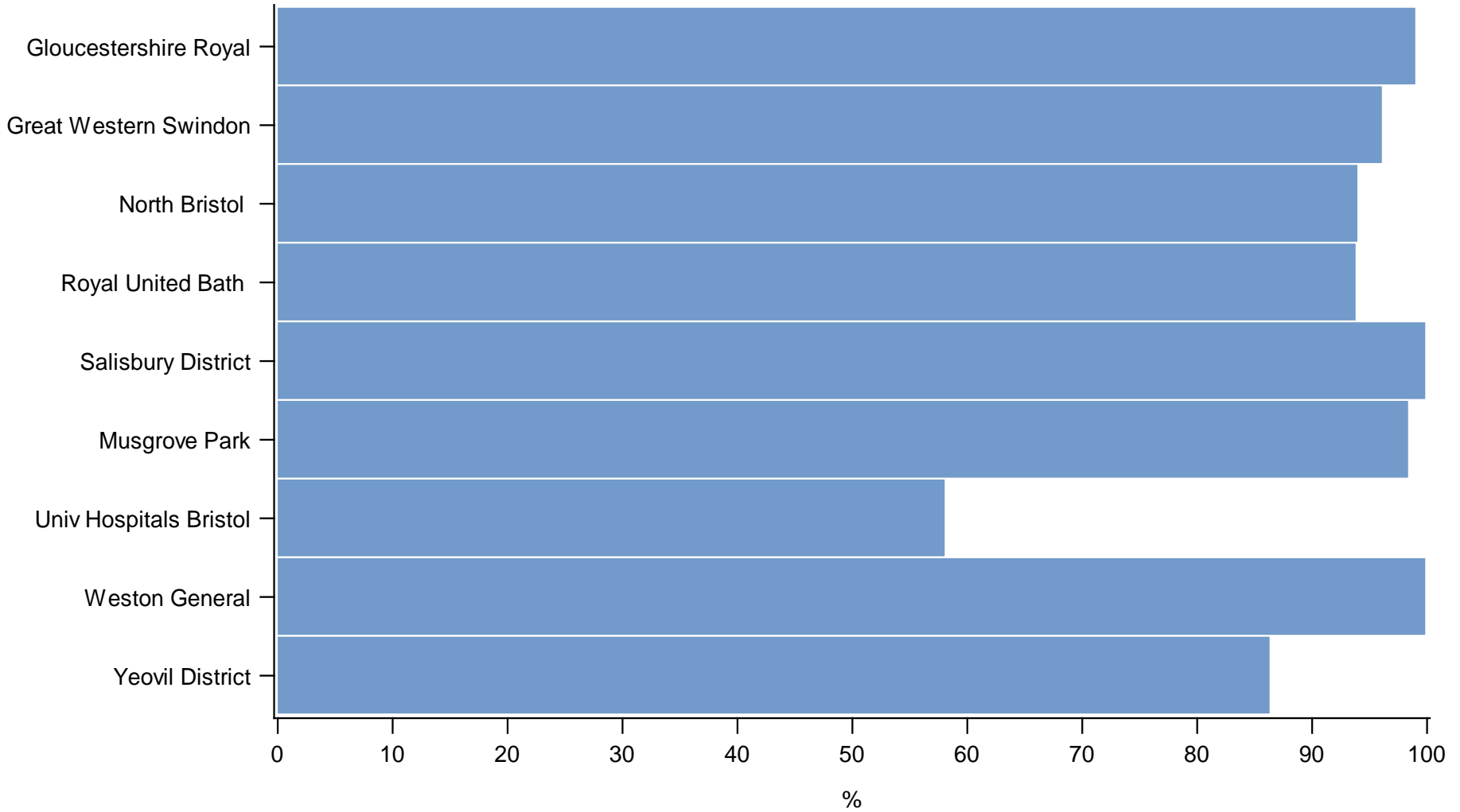
Gloucestershire Royal
Great Western Swindon
North Bristol
Royal United Bath
Salisbury District
Musgrove Park
Univ Hospitals Bristol
Weston General
Yeovil District

0   10   20   30   40   50   60   70   80   90   100

%

Source: SSNAP Apr-Jun 2022
Team-centred results at team level for Audit Compliance measure C2.3

West of England

NIHSS 24h after thrombolysis is complete
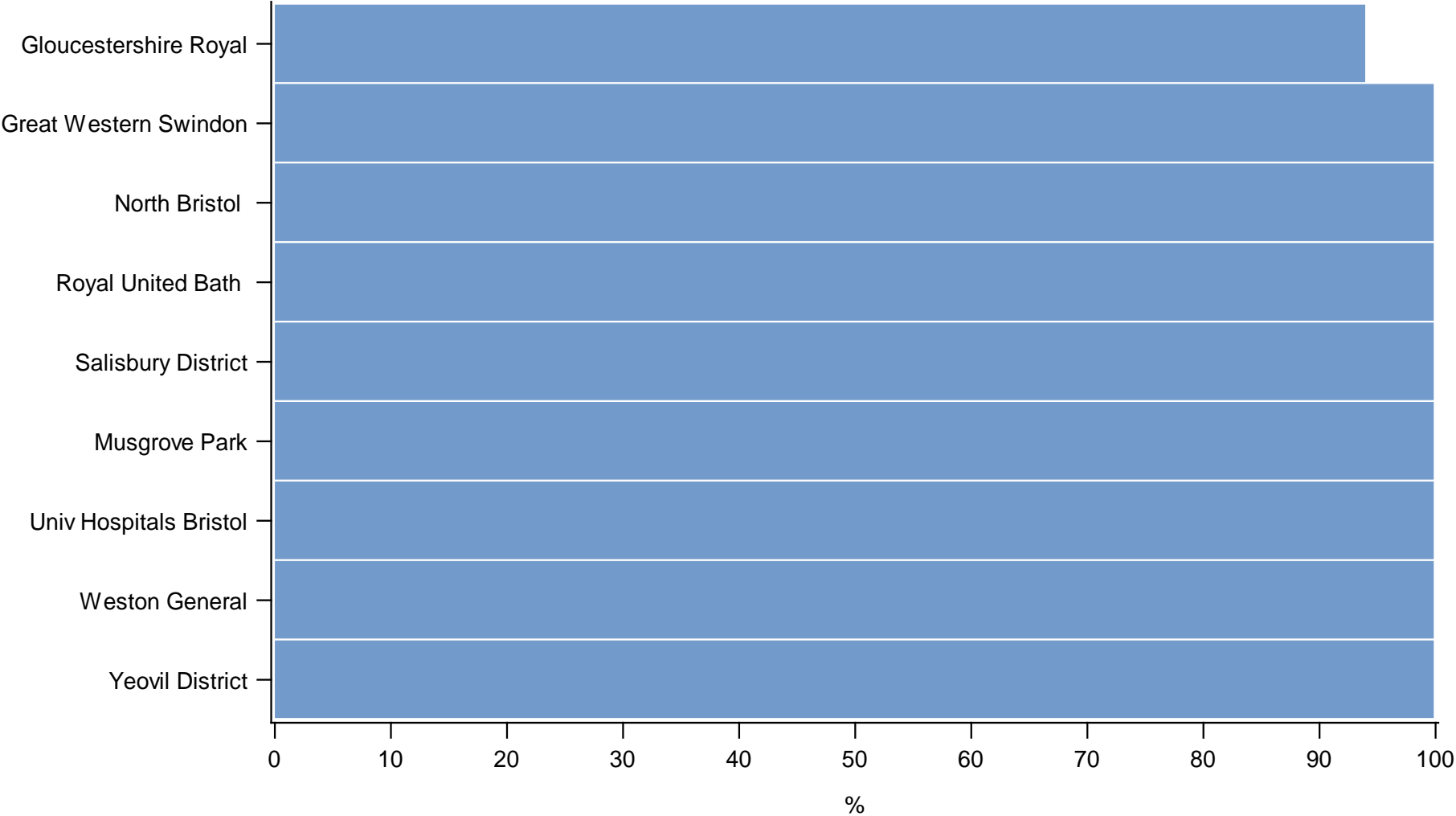
Source: SSNAP Apr-Jun 2022
Team-centred results at team level for Audit Compliance measure C3.3

West of England

Delay (days) between patient transfer and electronic transfer on SSNAP
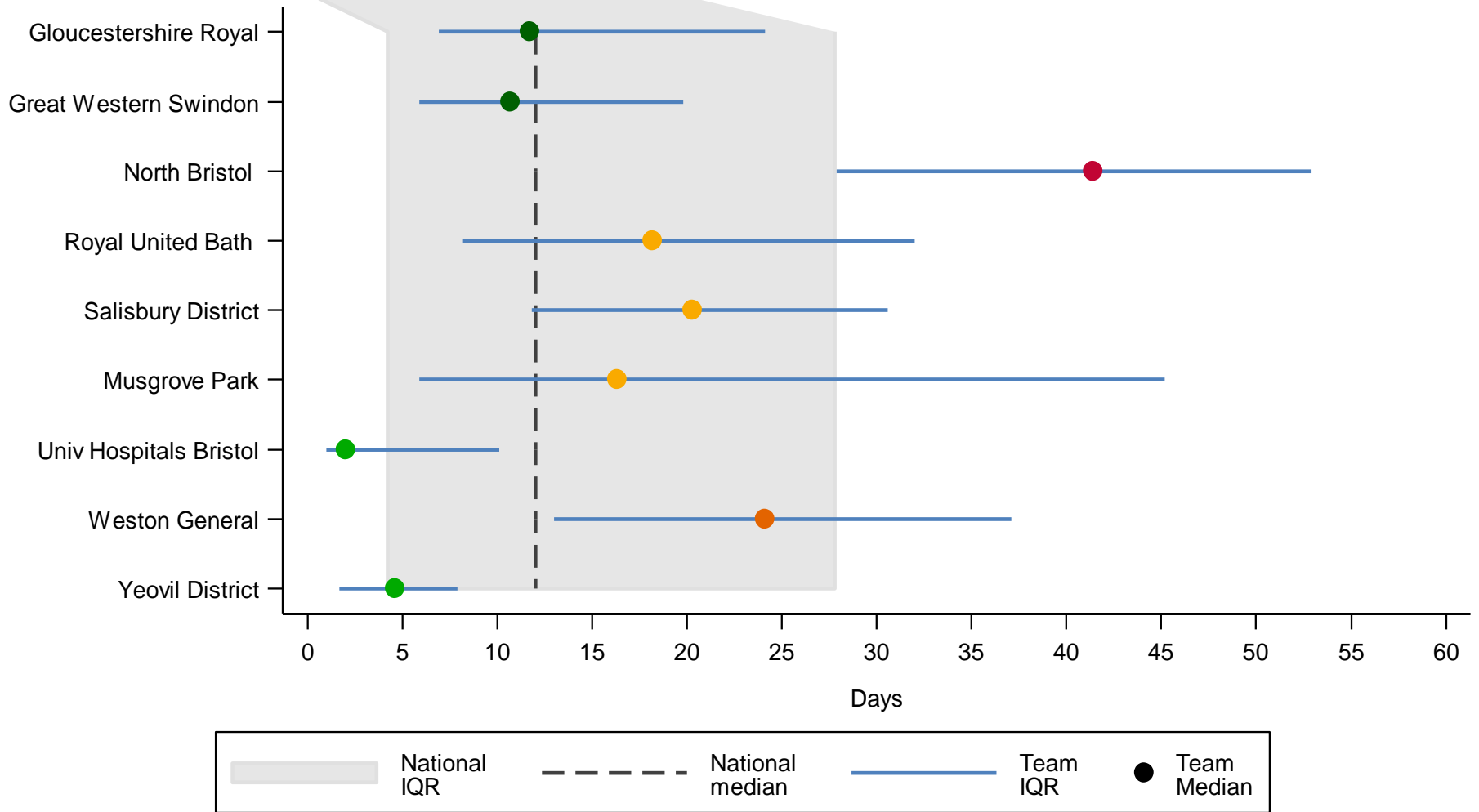
Source: SSNAP Apr-Jun 2022
Team-centred results at team level for Audit Compliance measure C4.4

West of England

Patients discharged with ESD or CRT
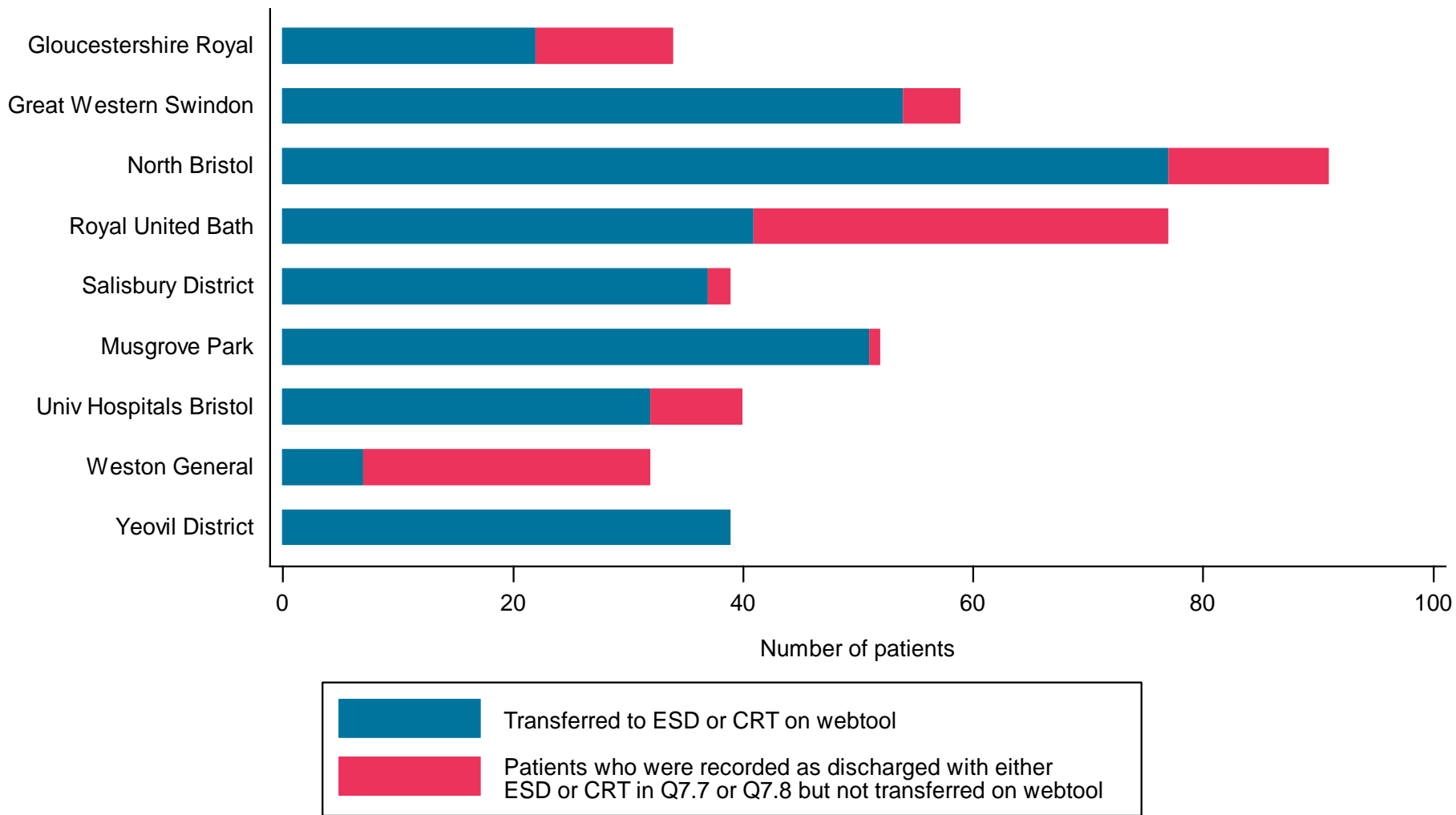
Source: SSNAP Apr-Jun 2022
Team-centred results at team level for Audit Compliance measure C4.6

West of England

Delay (days) between clockstart and date of starting the electronic record
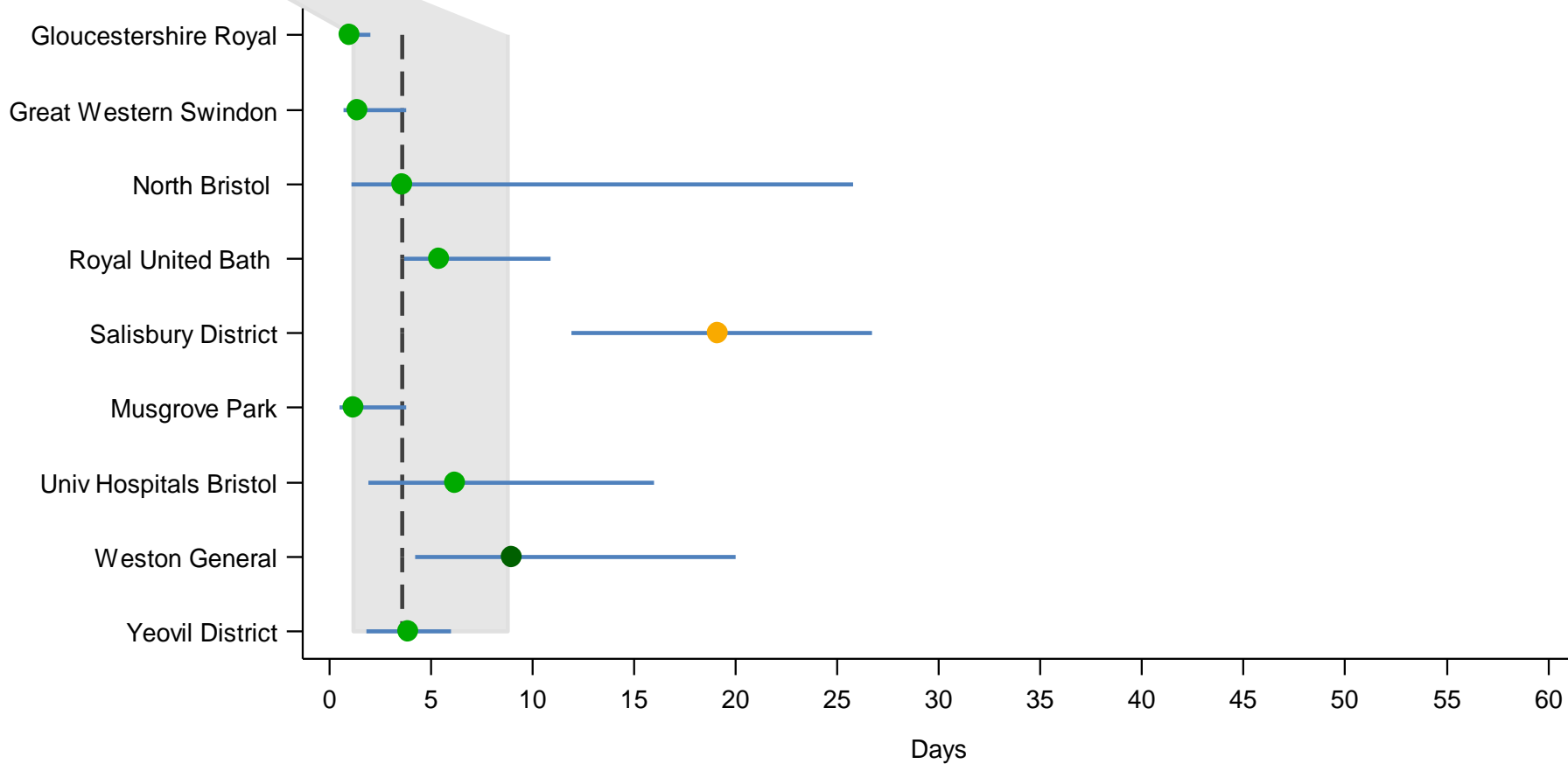
Source: SSNAP Apr-Jun 2022
Team-centred results at team level for Audit Compliance measure C5.1

West of England

Delay (days) between when patient is discharged from a team to when the electronic record is locked to discharge
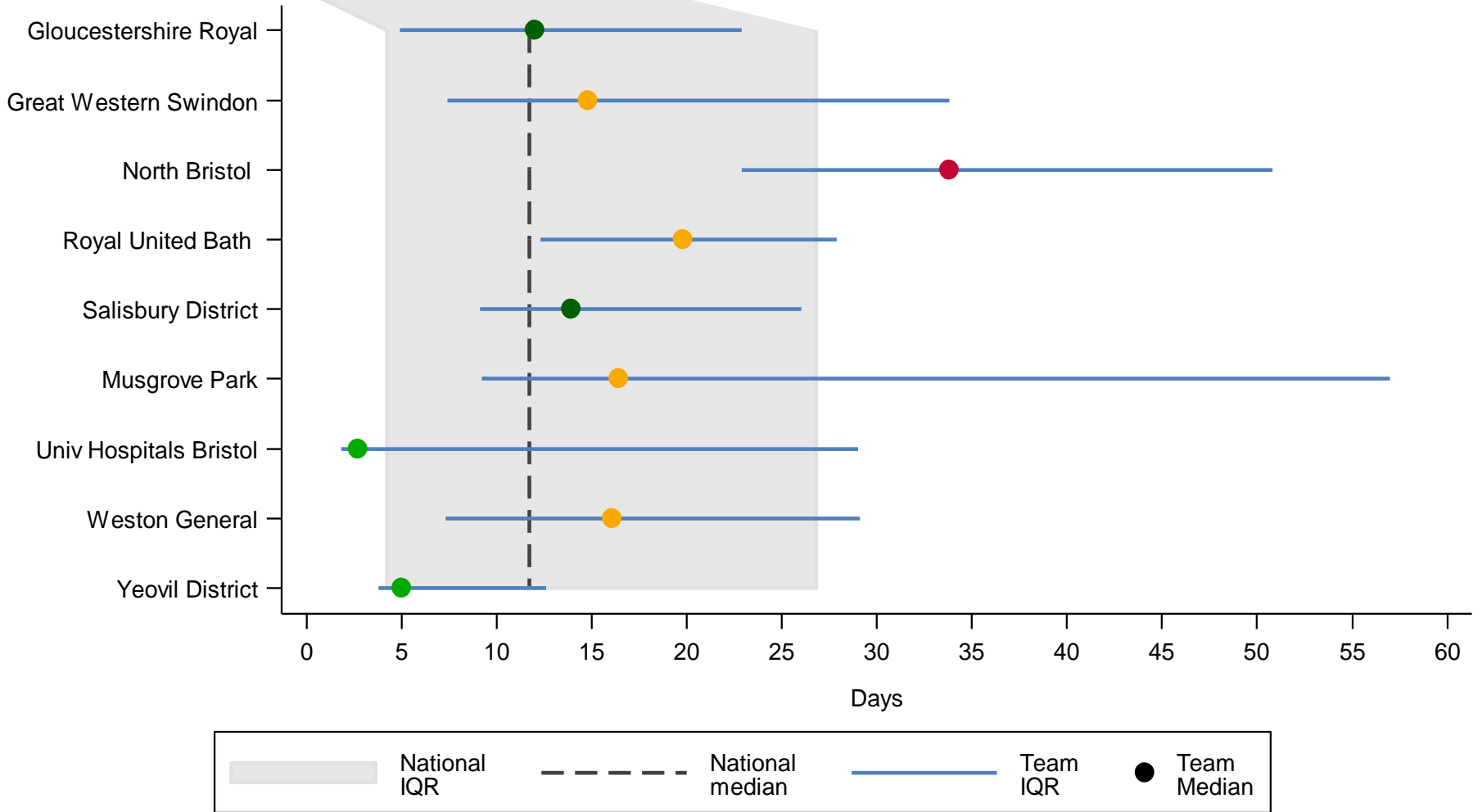
Source: SSNAP Apr-Jun 2022
Team-centred results at team level for Audit Compliance measure C5.3

West of England

% of patients applicable for a 6 month assessment
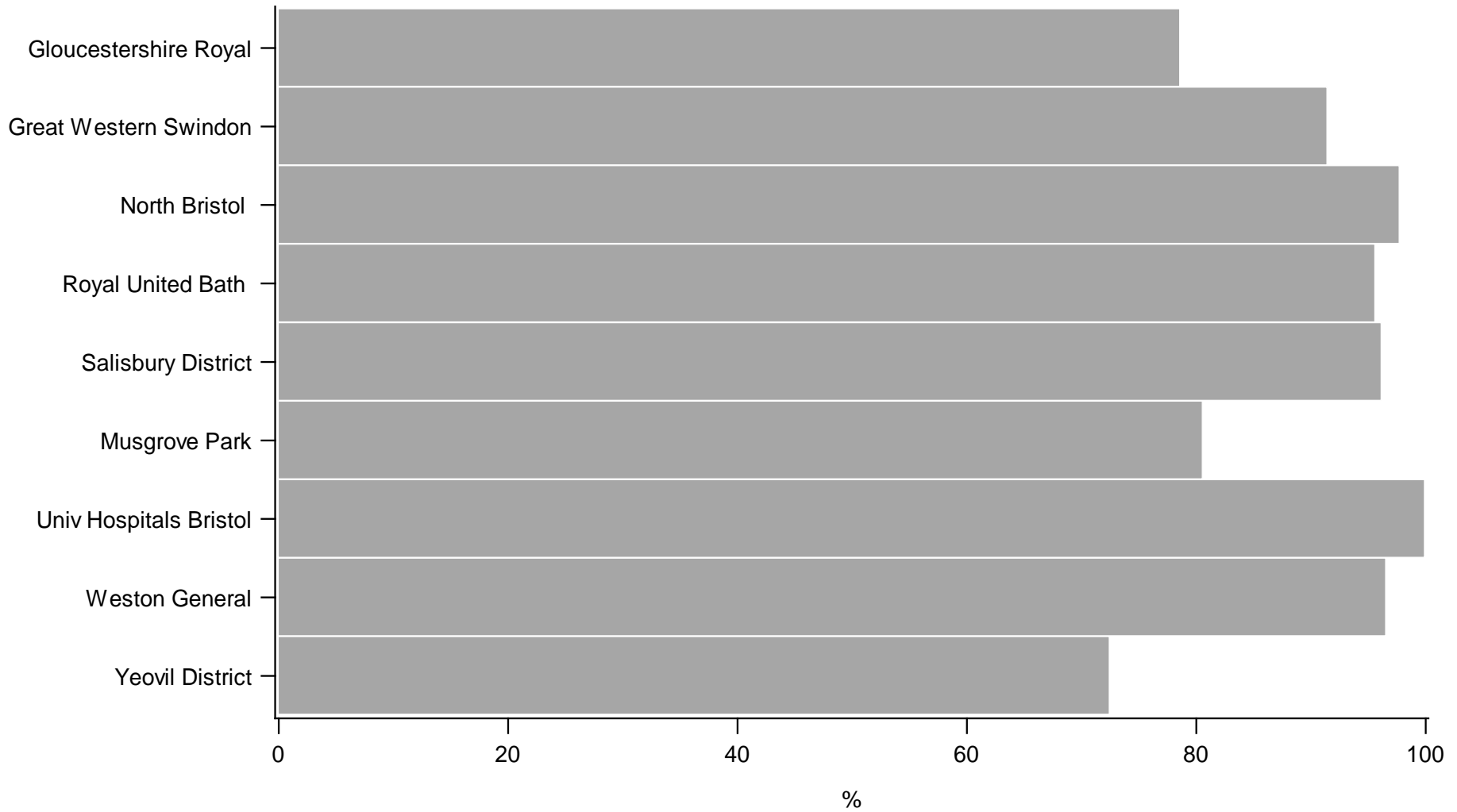
Source: SSNAP Apr-Jun 2022
Team-centred results at team level for B12.3

West of England

% of applicable patients receiving 6 month assessments between Oct-Mar 2022
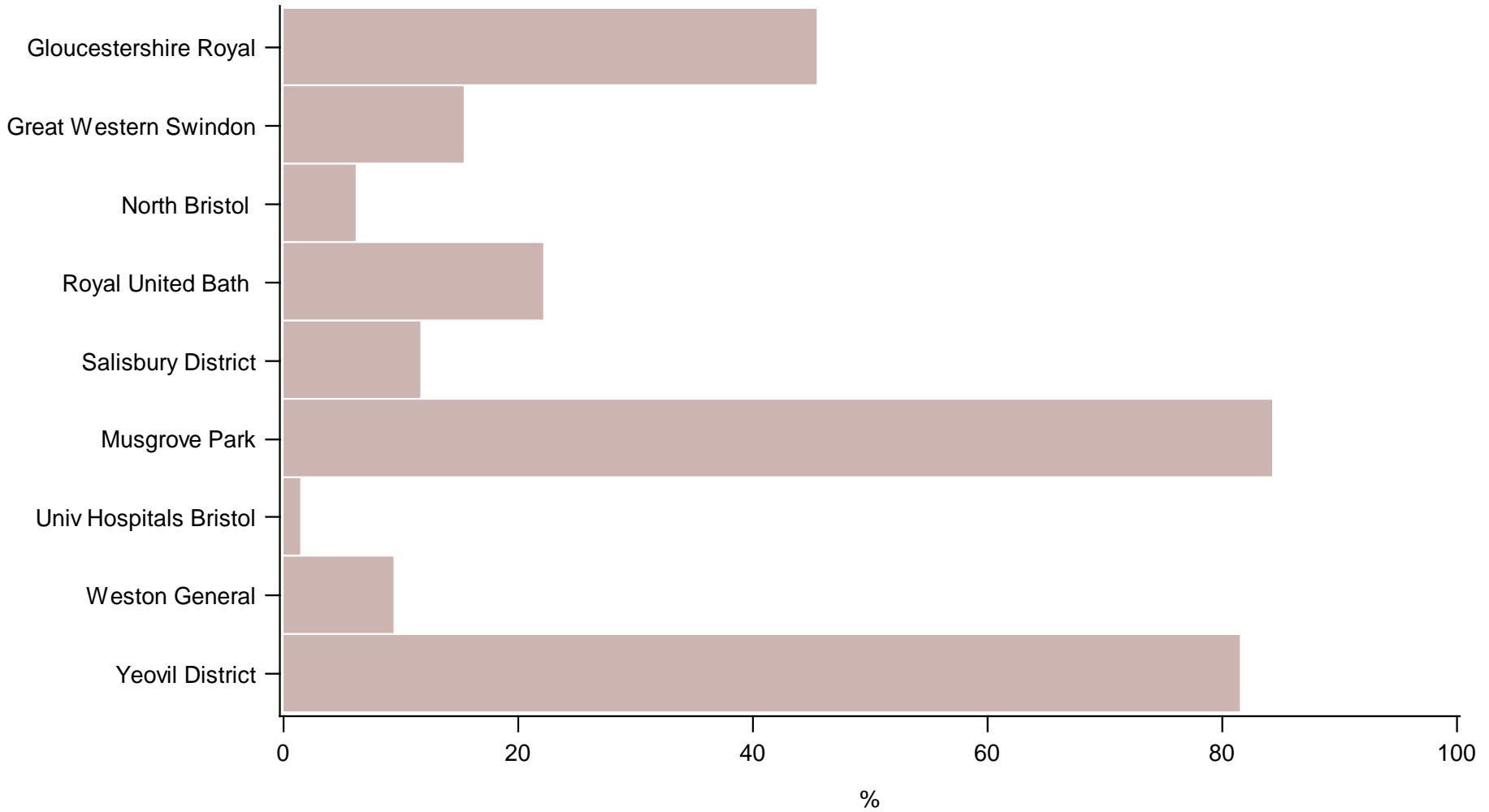
Source: SSNAP Apr-Jun 2022
Team-centred results at team level for B13.3

West of England

CAD number completion rate
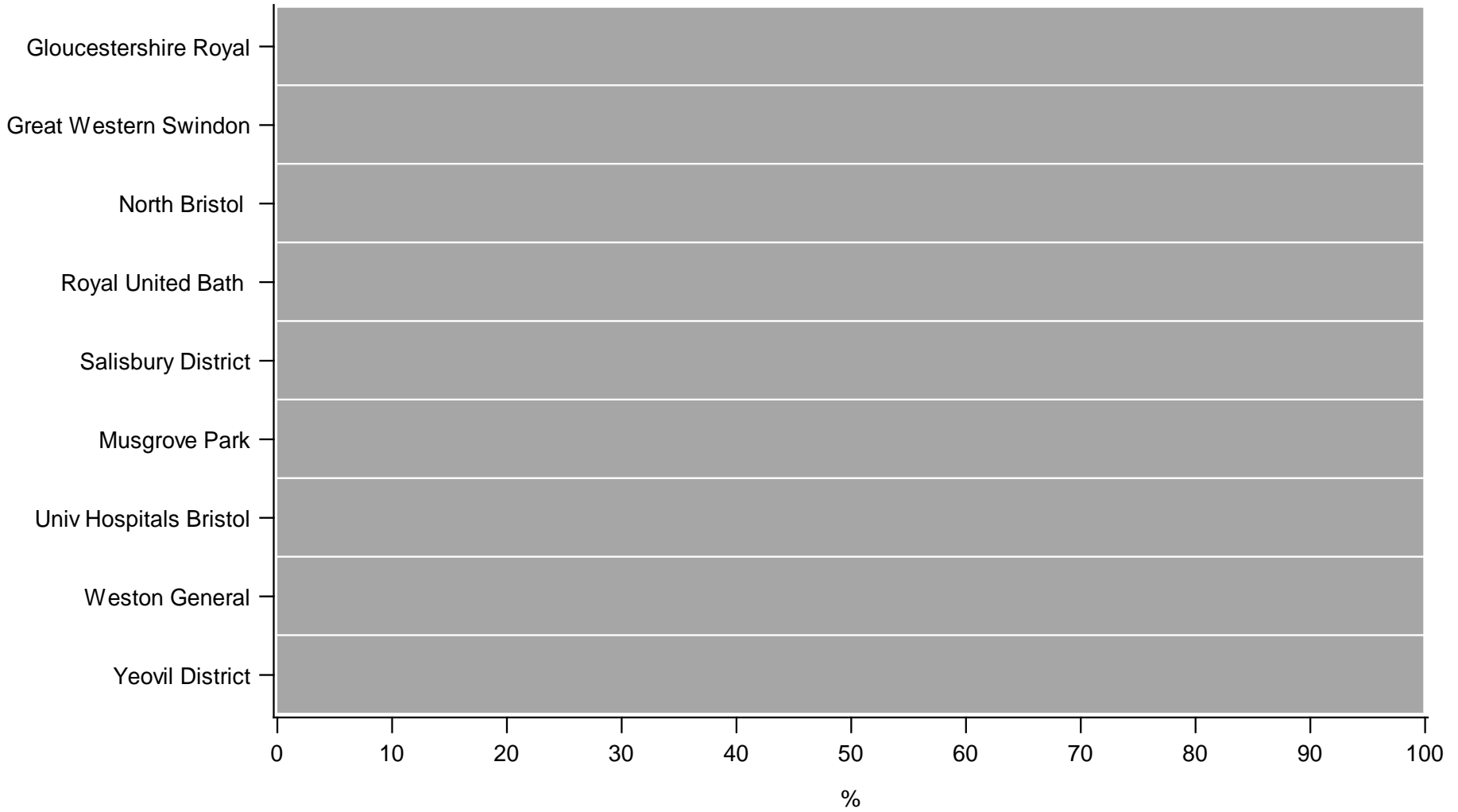
Gloucestershire Royal

Great Western Swindon

North Bristol

Royal United Bath

Salisbury District

Musgrove Park

Univ Hospitals Bristol

Weston General

Yeovil District

0   10   20   30   40   50   60   70   80   90   100

%

West of England

Domain 1 - Scanning

Domain 1 score

National — — — — Team

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Domain 1

West of England
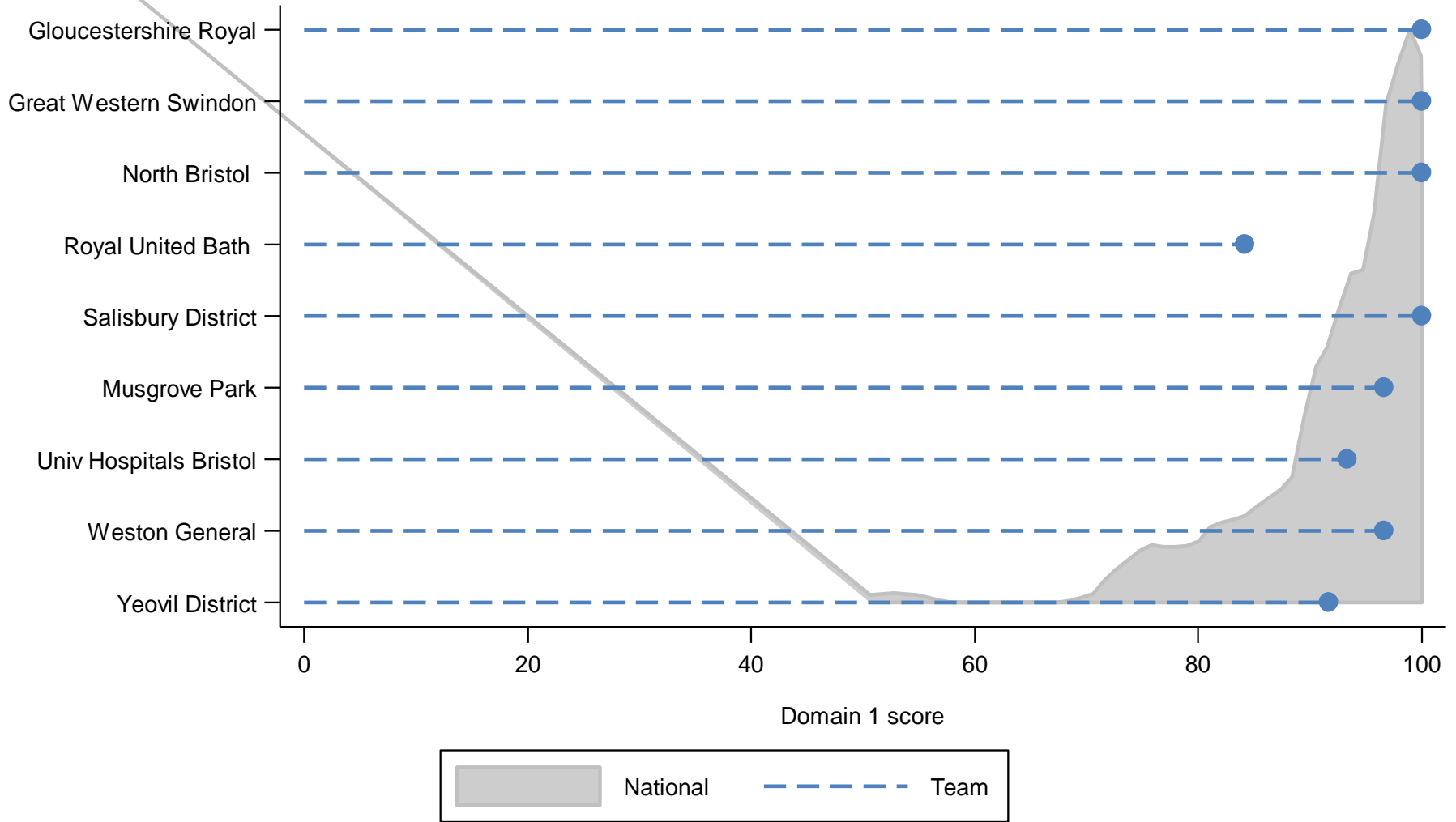
Scanned within 1 hour
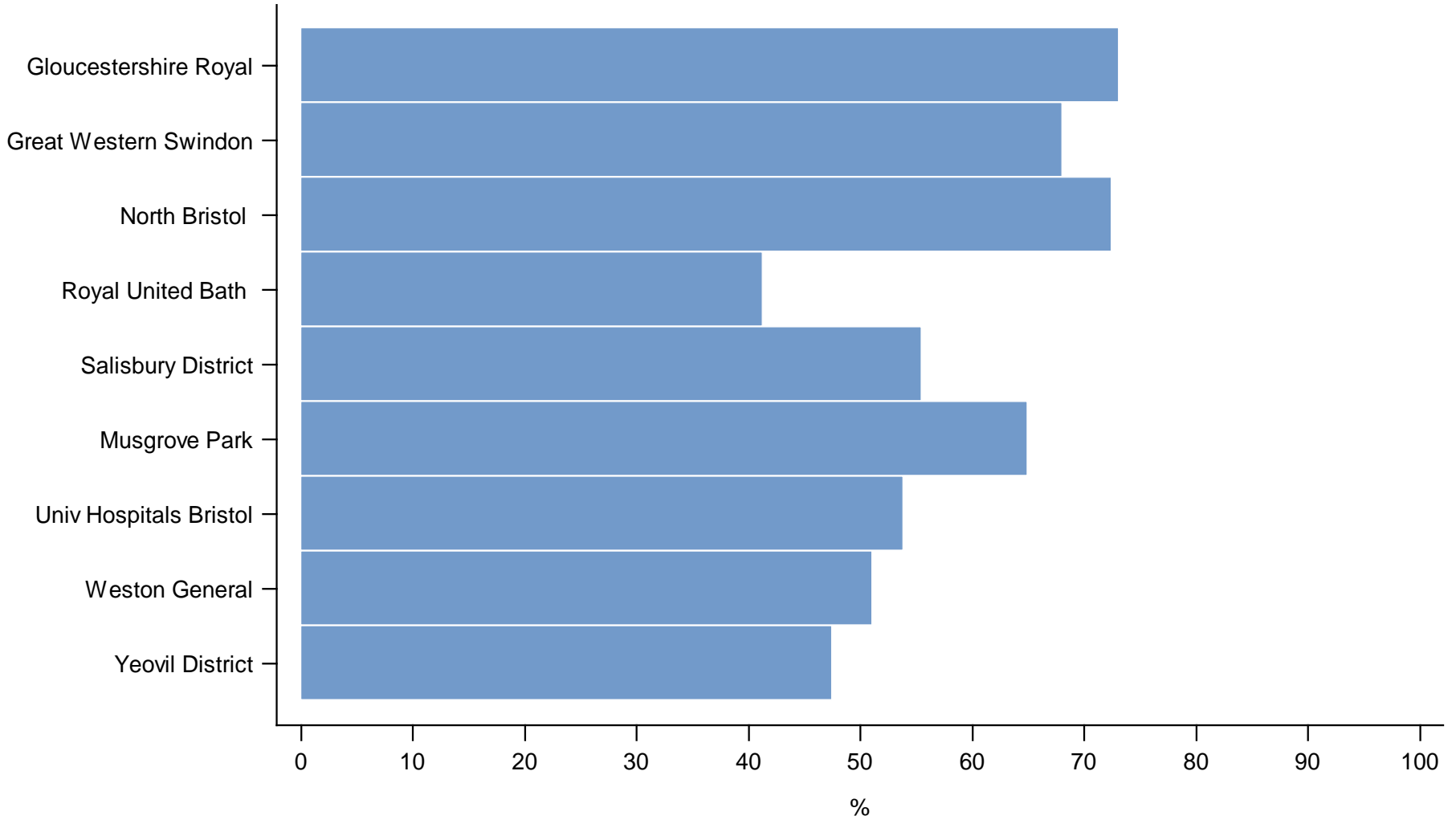
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 1.1A

West of England

Scanned within 12 hours
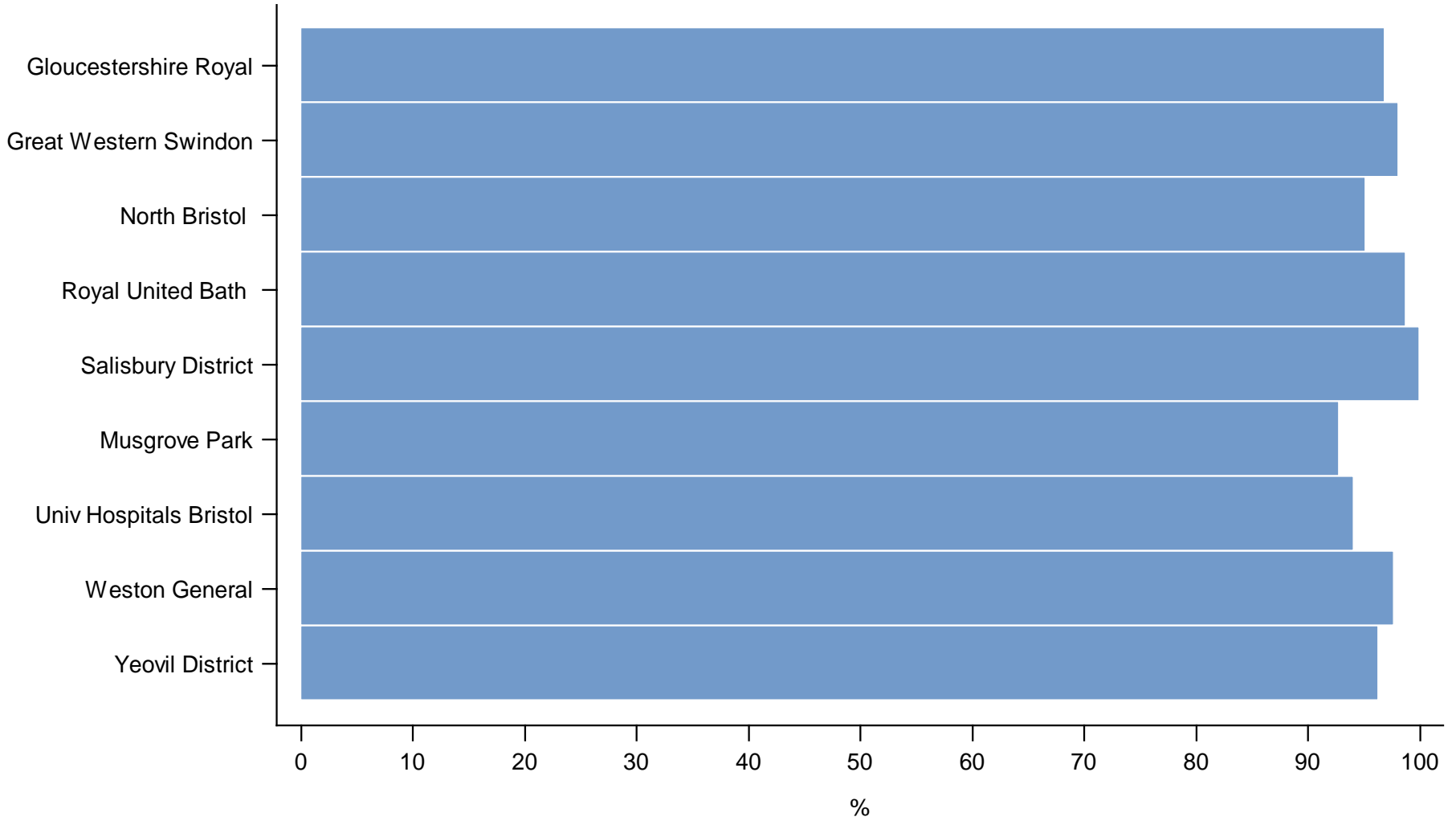
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 1.2A

West of England

Clock start to scan time
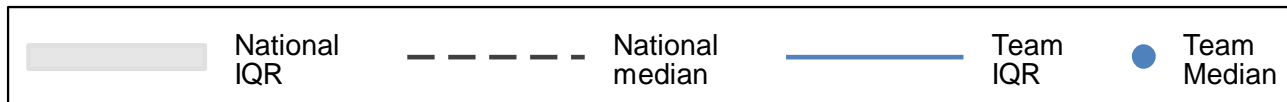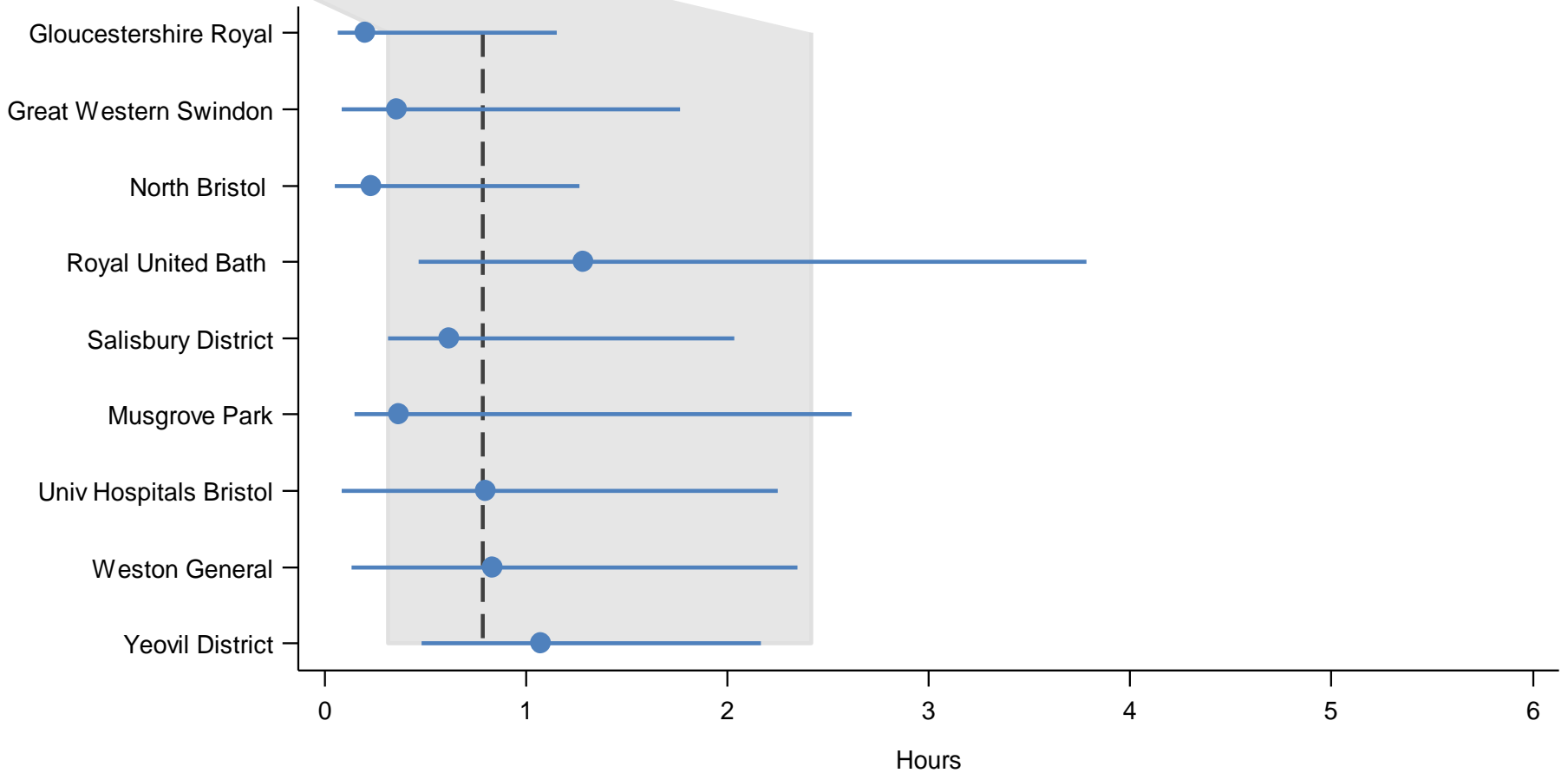
National IQR	National median
Team IQR	Team Median

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 1.3A

West of England

Domain 2 - Stroke Unit

Domain 2 score

| | National | | Team |
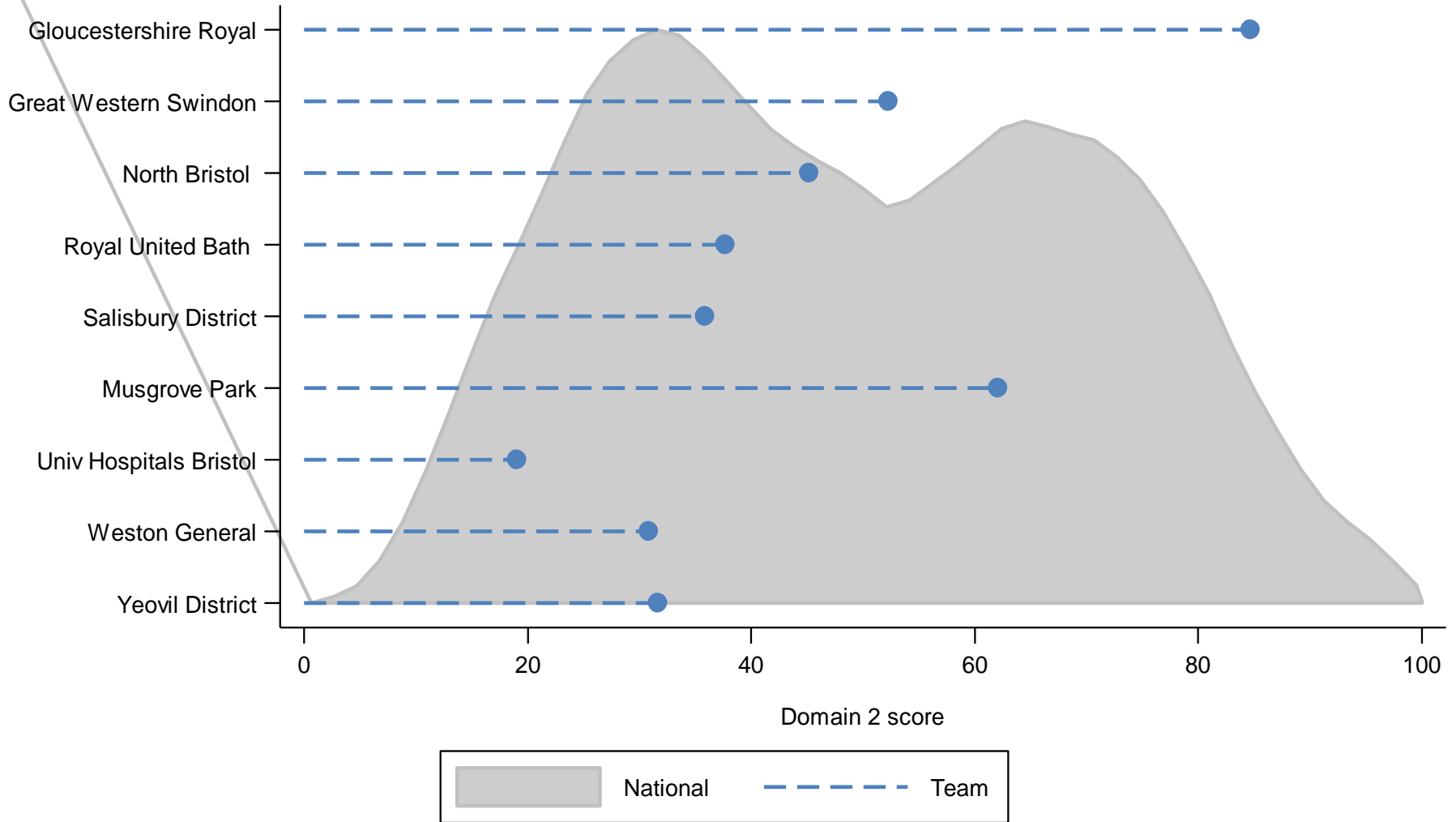
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Domain 2

West of England

Direct to SU within 4 hours
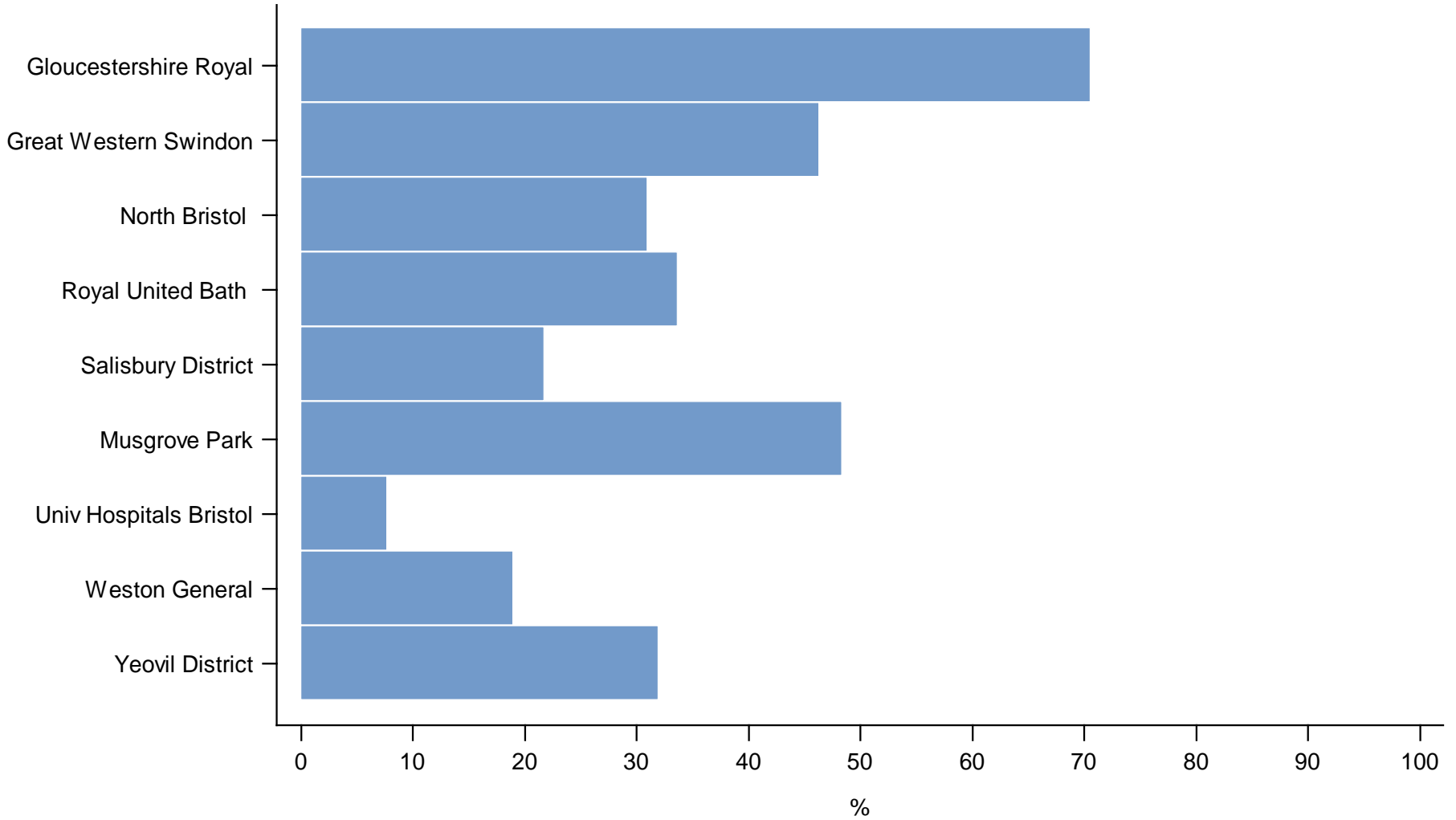
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 2.1A

West of England

Clock start to stroke unit time
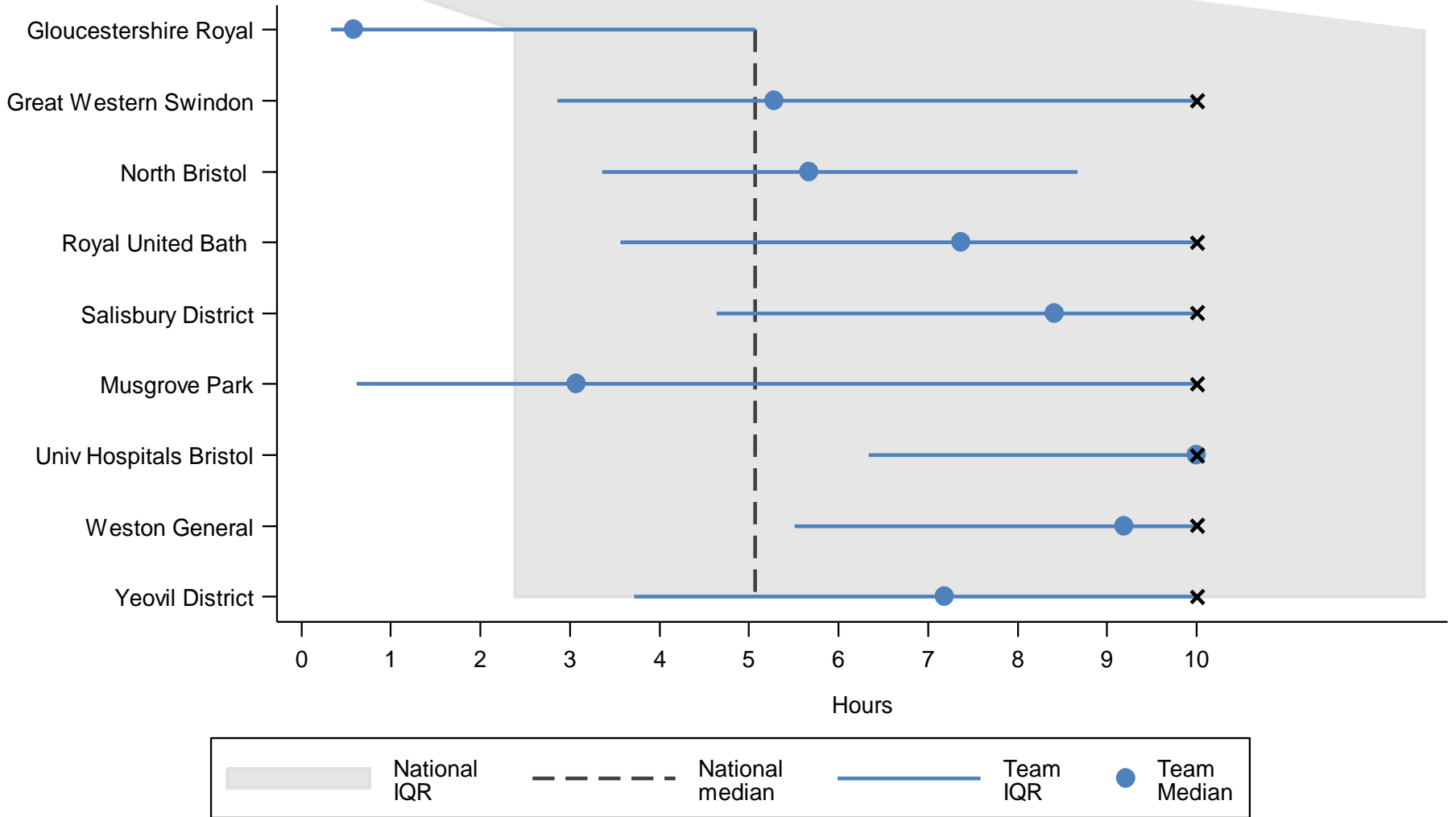
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 2.2A

West of England

At least 90% of stay on SU
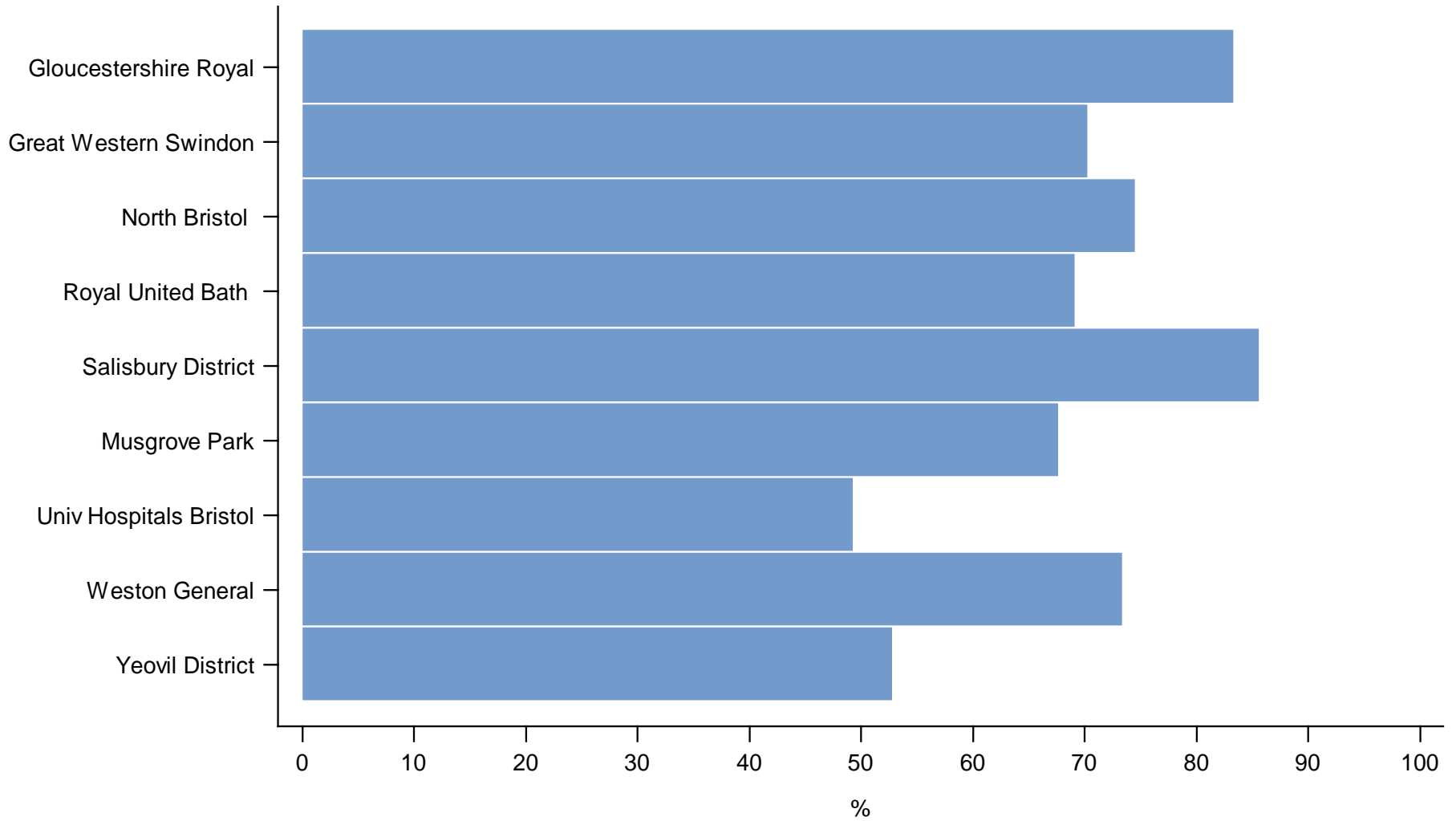
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 2.3A

West of England

Domain 3 - Thrombolysis

Domain 3 score

National — — — Team
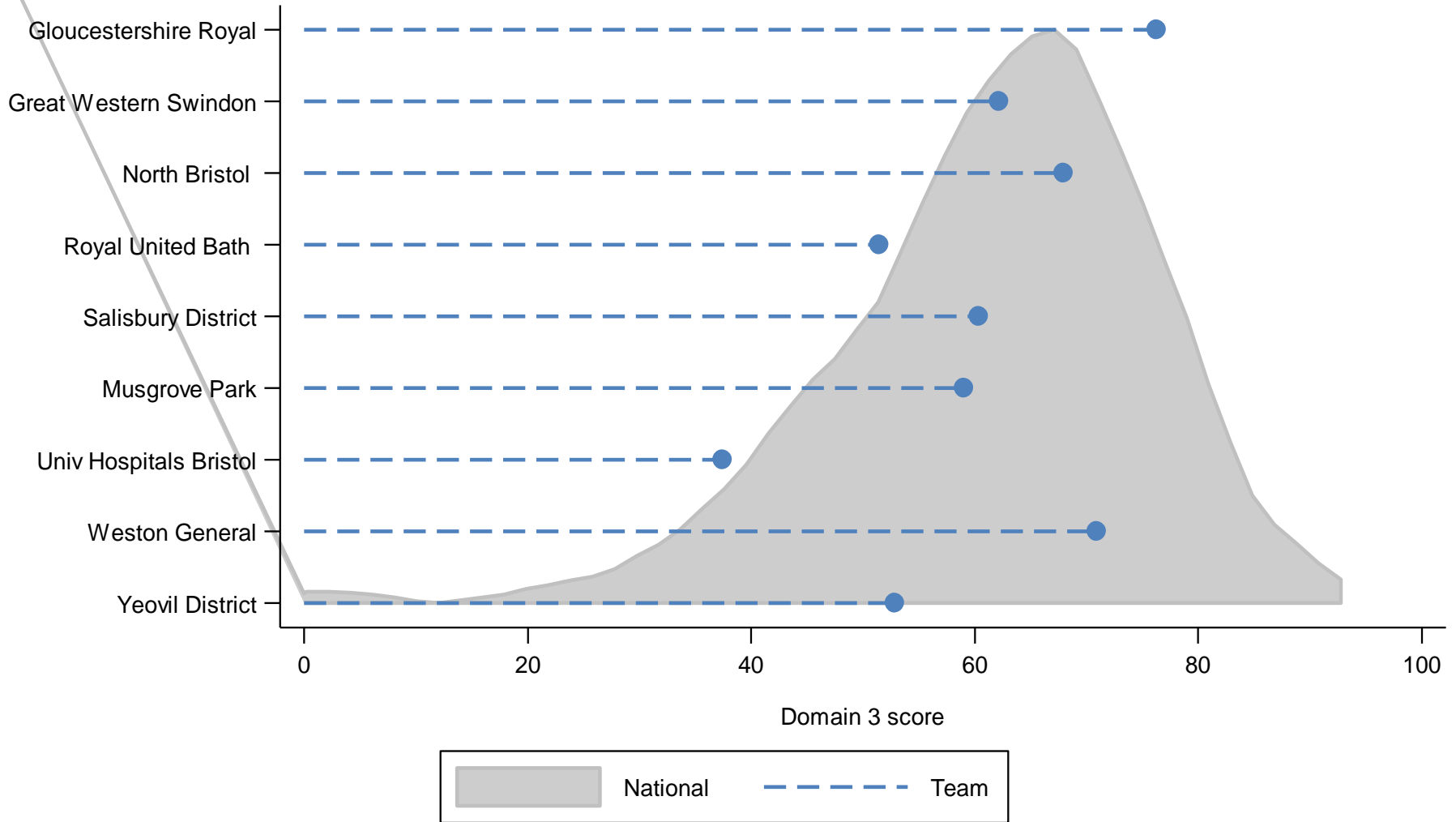
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Domain 3

West of England

Number of patients thrombolysed
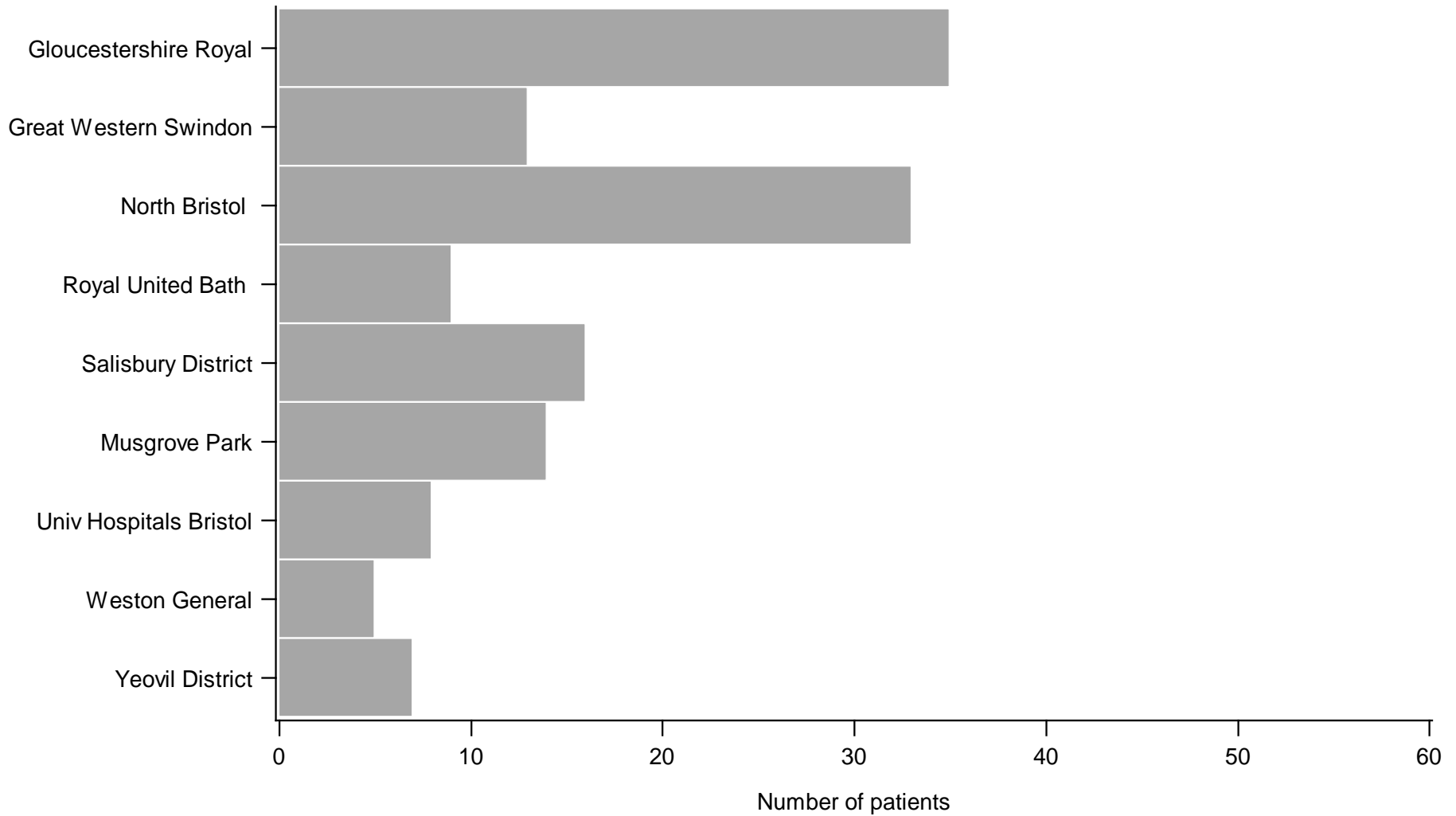
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for G16.2

West of England

Number of patients eligble for thrombolysis according to RCP SSNAP minimum threshold criteria
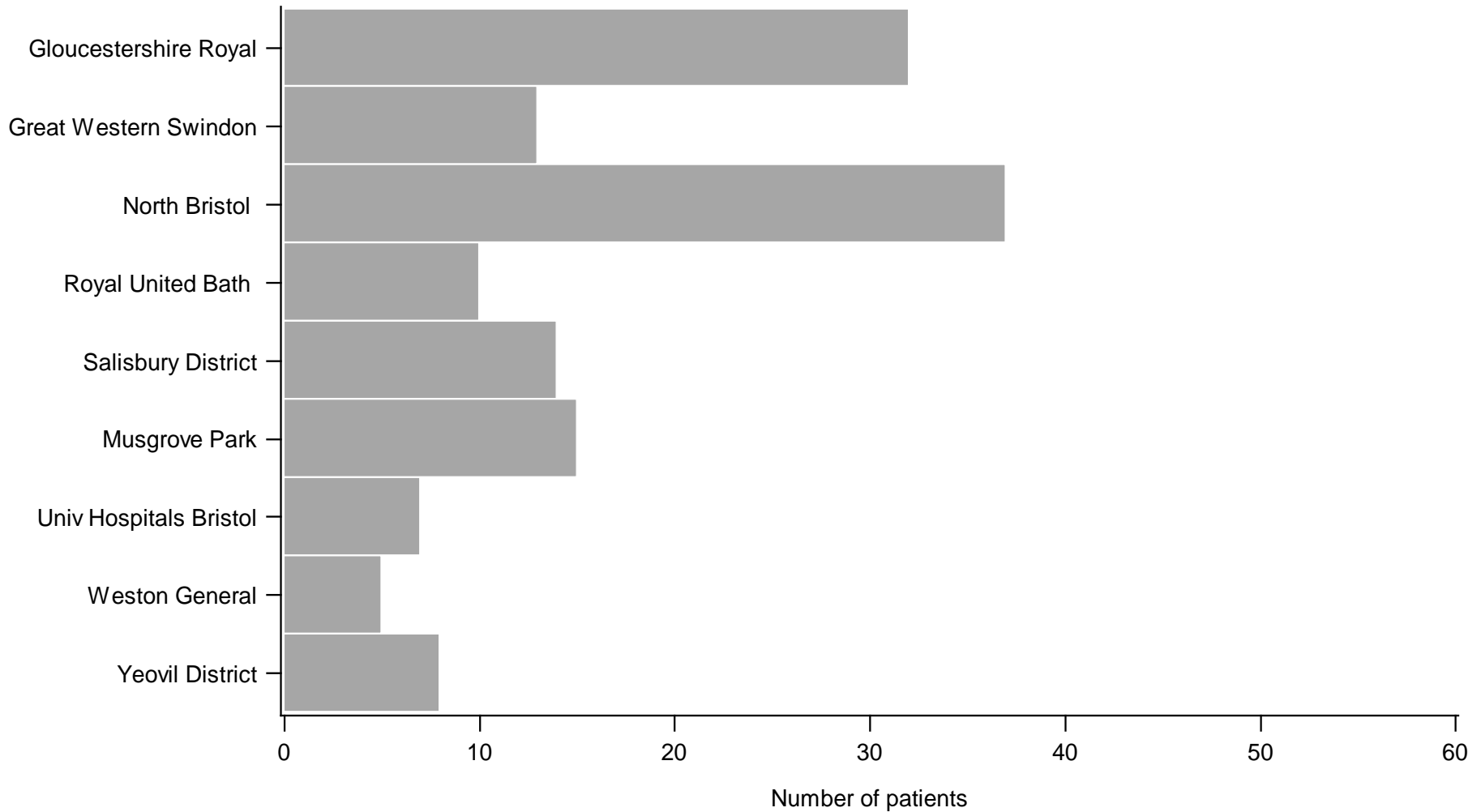
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for G16.49

West of England

Thrombolysis rate (All stroke)
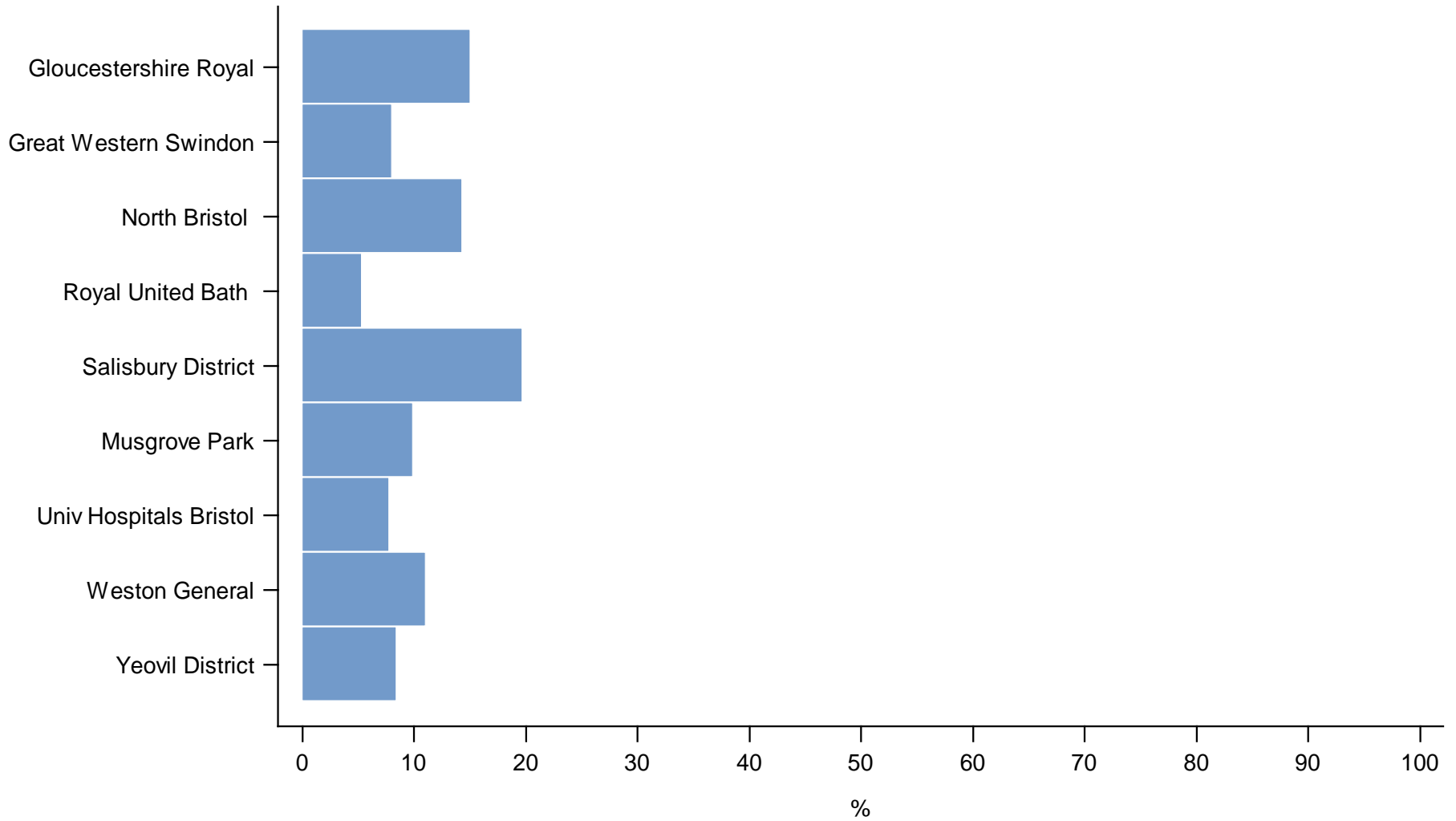
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 3.1A

West of England

Thrombolysis rate (RCP criteria)
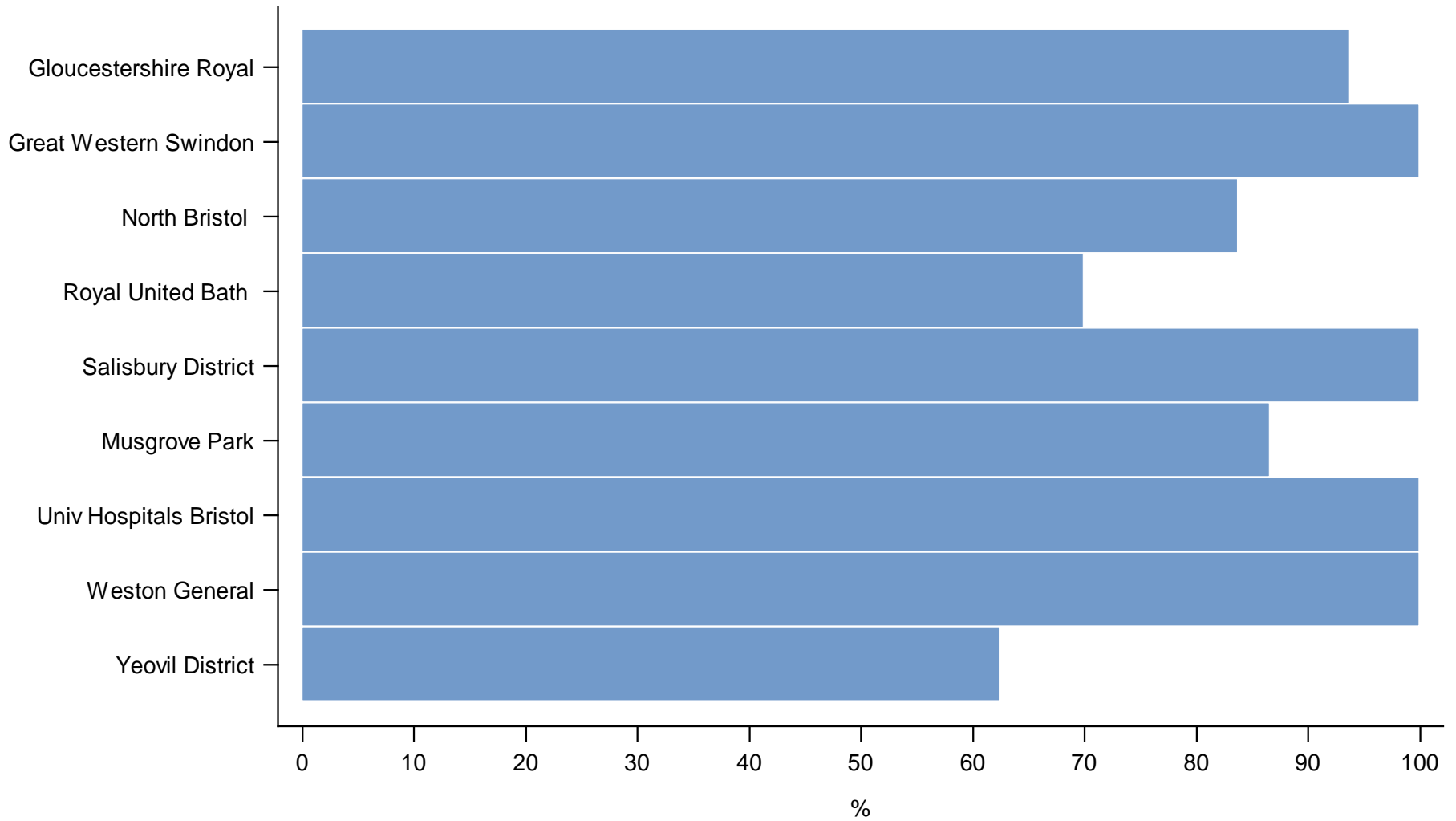
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 3.2A

West of England

Thrombolysis within 1 hour
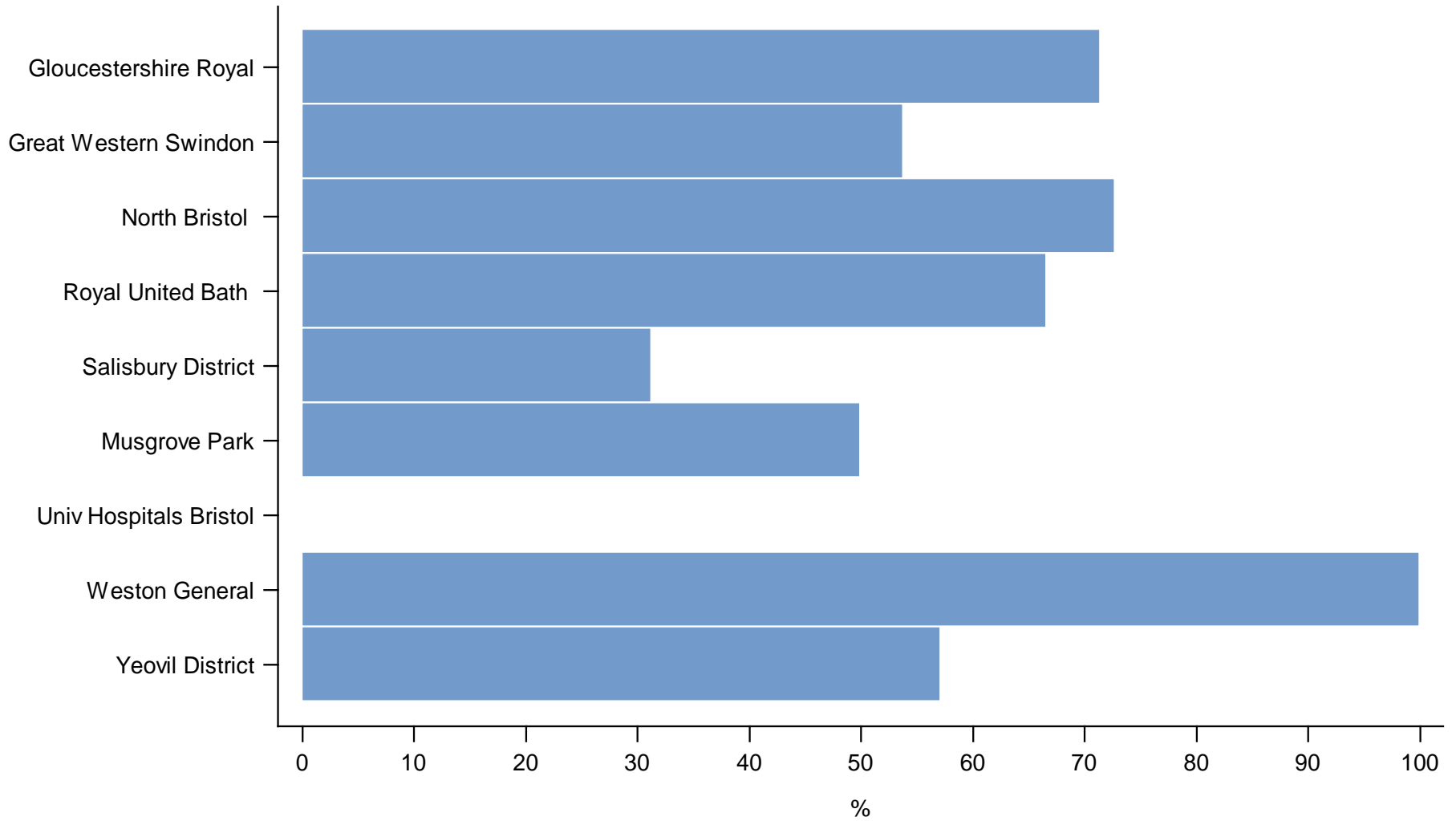
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 3.3A

West of England

SU within 4 hours and thrombolysis if required
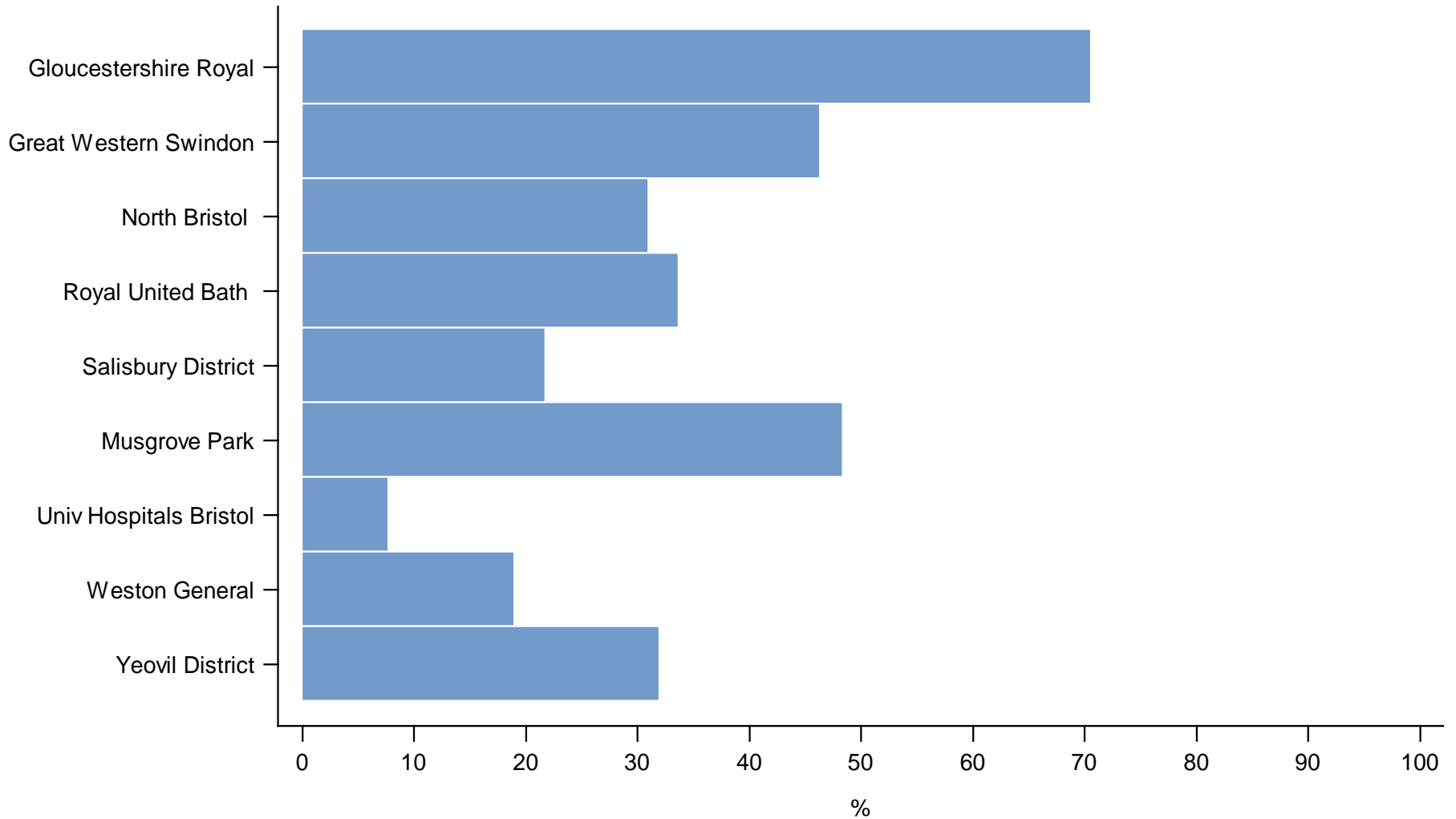
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 3.4A

West of England

Clock start to thrombolysis time

National IQR	National median	Team IQR	Team Median
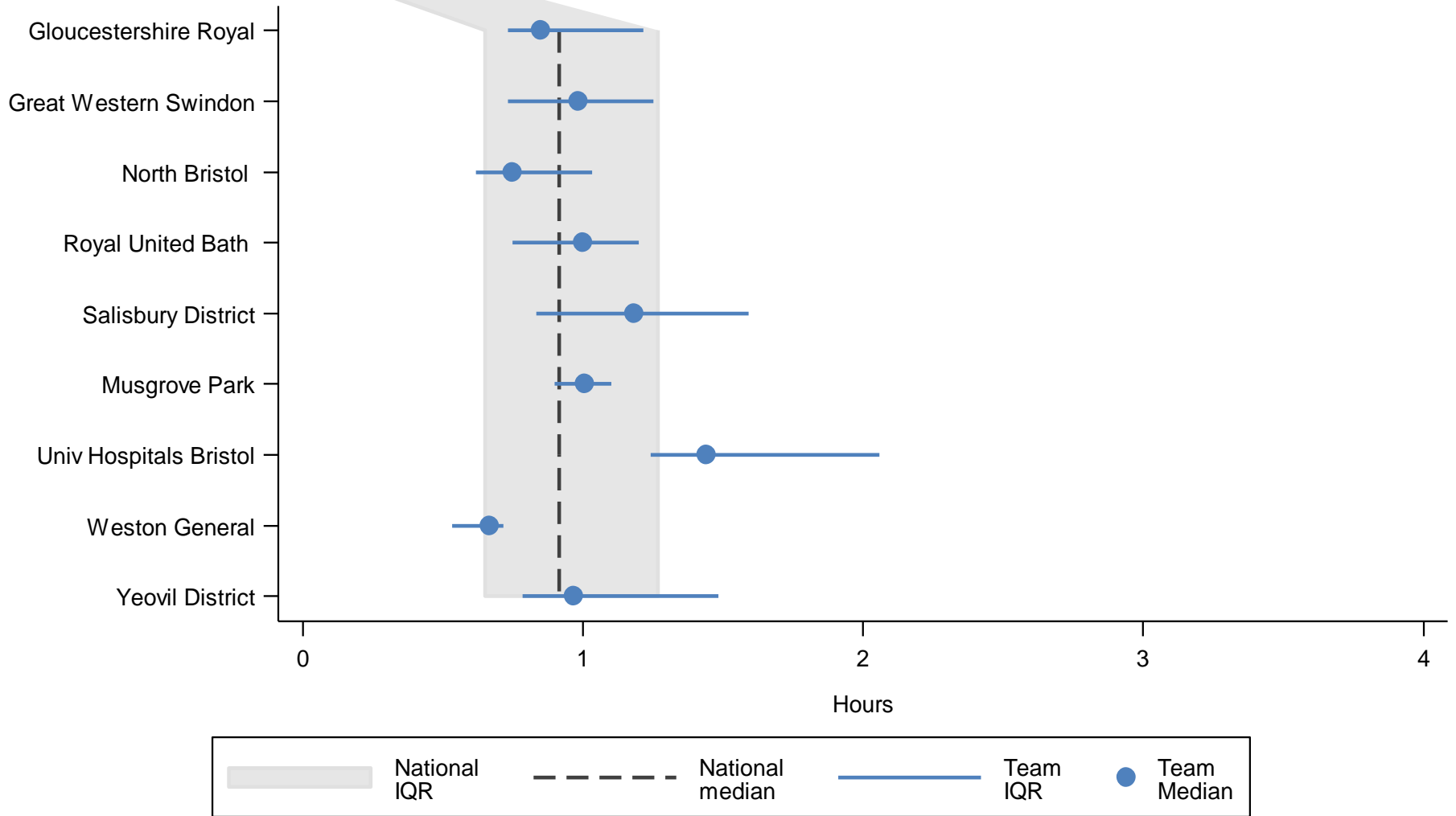
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 3.5A

West of England

Domain 4 - Specialist assessments
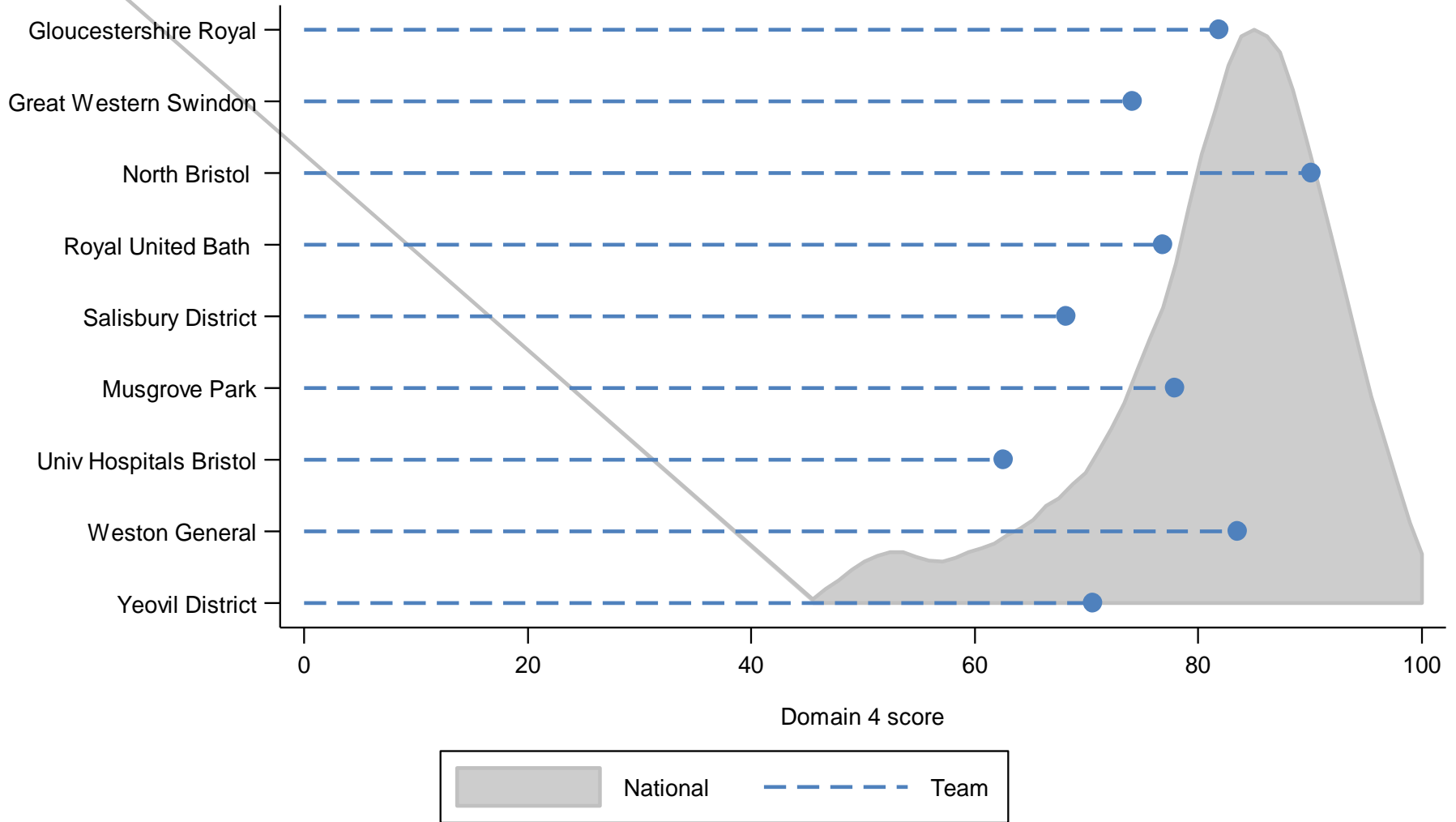
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Domain 4

West of England

Stroke consultant within 24 hours
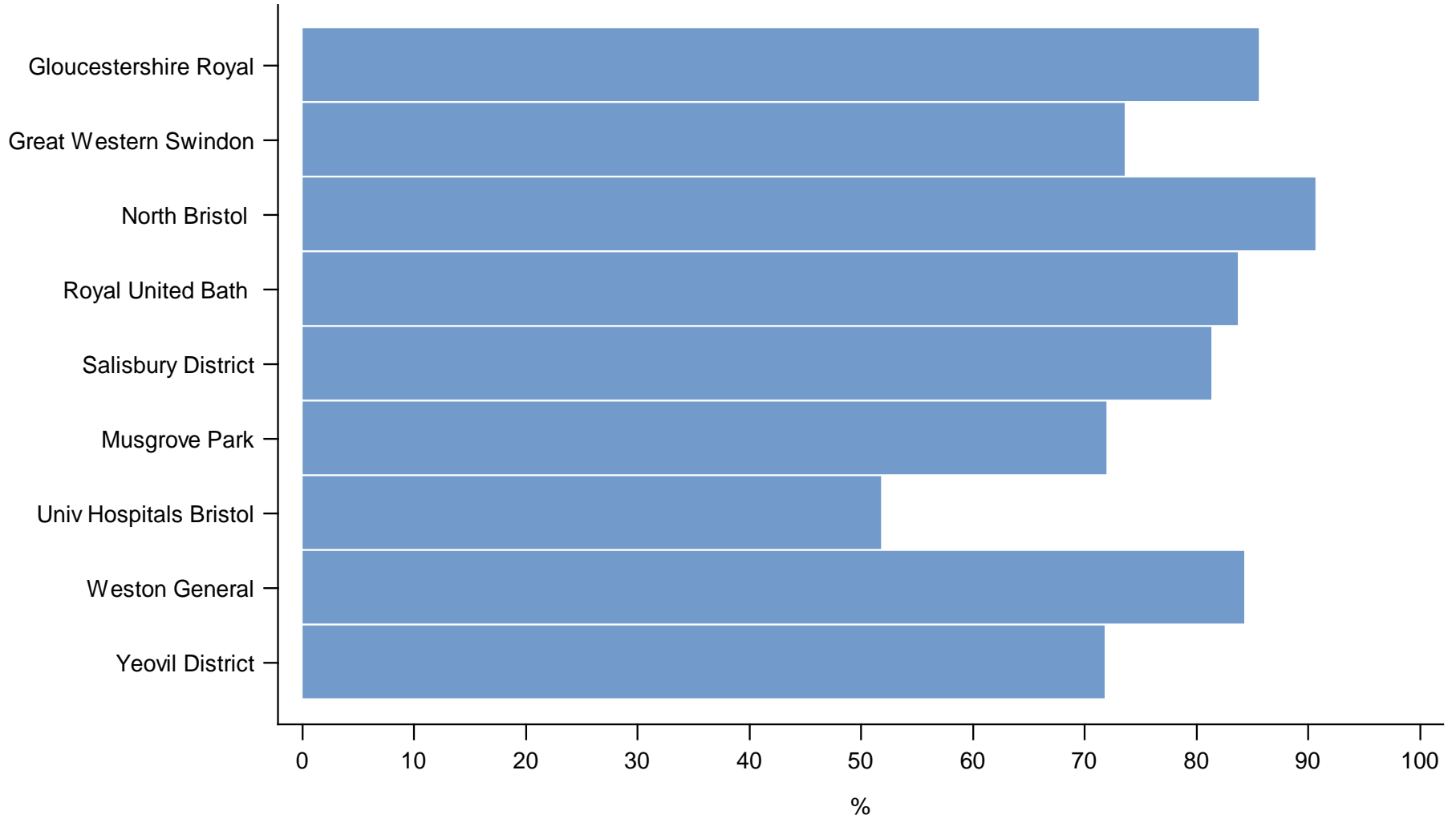
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 4.1A

West of England

Assessed by a stroke specialist consultant physician (in person or via video telemedicine) within 14h of clock start*
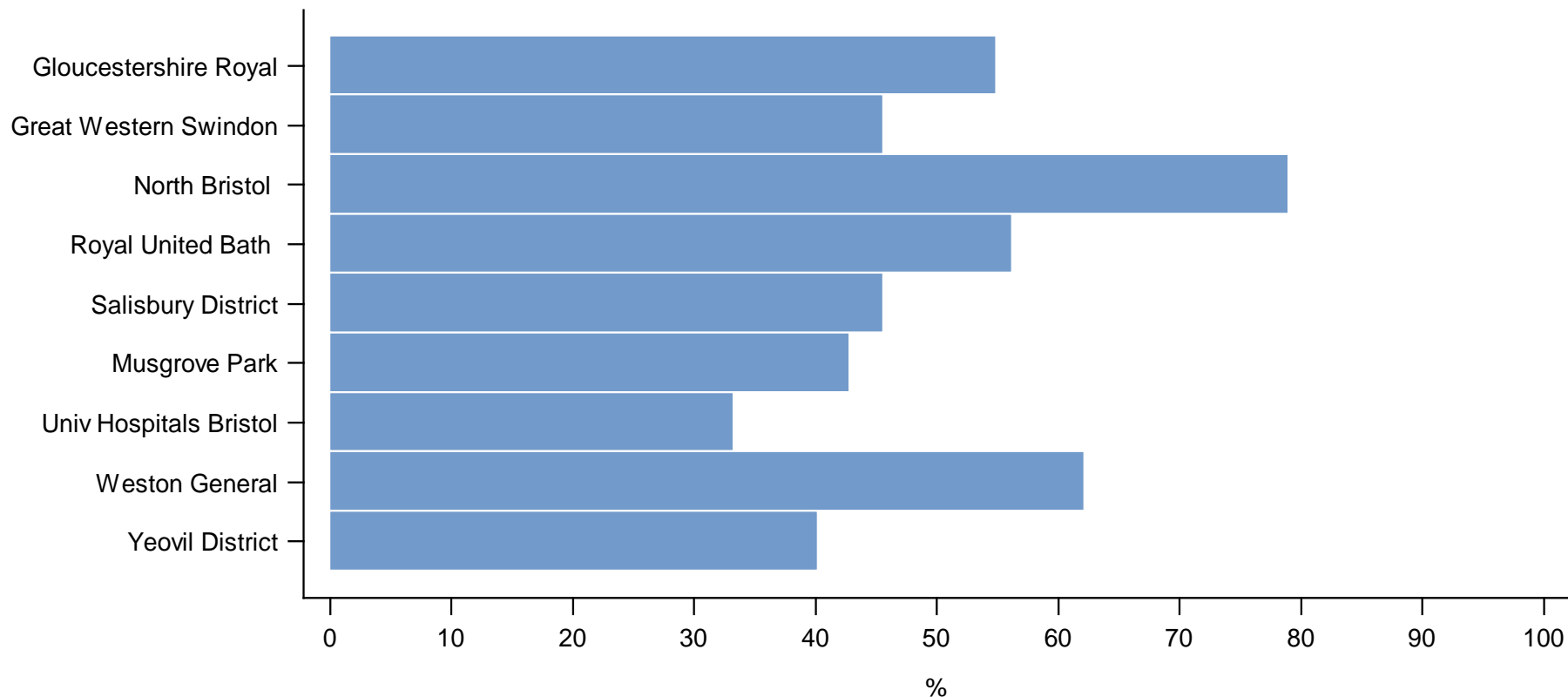
Source: SSNAP Apr-Jun 2022
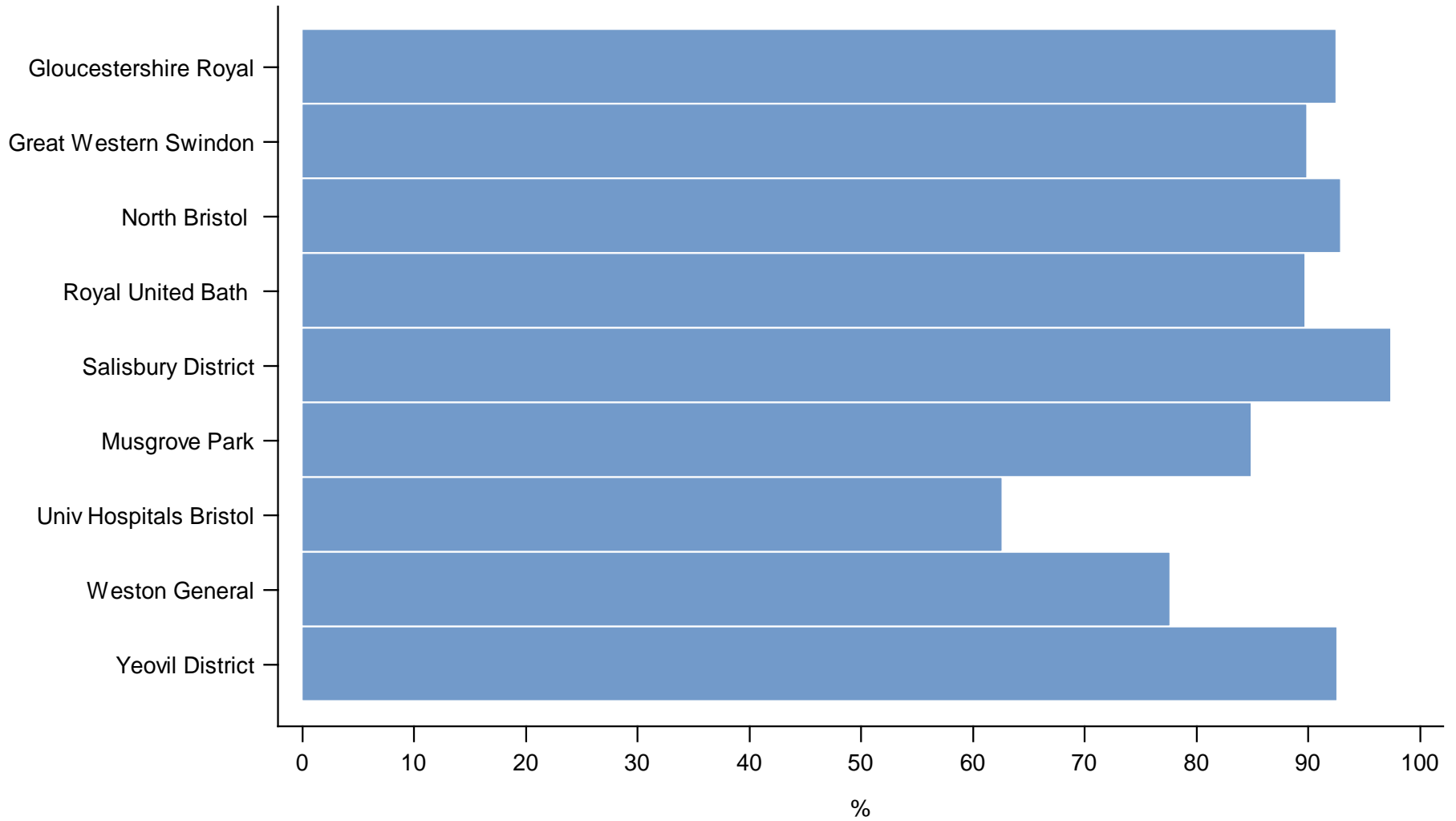Patient-centred results at team level for Item Reference G9.19
*For patients whose first contact with stroke consultant (Q3.3b) is in person or telemedicine, the time contact first made with a stroke specialist consultant is used (Q3.3a), and for patients whose first contact with stroke consultant (Q3.3b) is by telephone, the time first assessed by stroke specialist consultant in person (Q3.3c) is used.

West of England

Clock start to stroke consultant time

Gloucestershire Royal
Great Western Swindon
North Bristol
Royal United Bath
Salisbury District
Musgrove Park
Univ Hospitals Bristol
Weston General
Yeovil District

0   6   12   18   24   30

Hours

National IQR   National median   Team IQR   Team Median
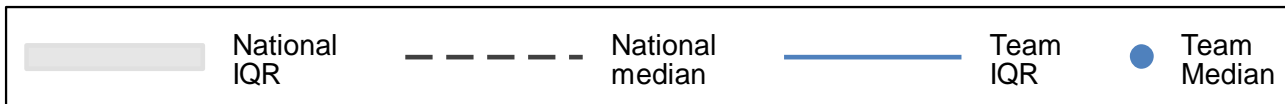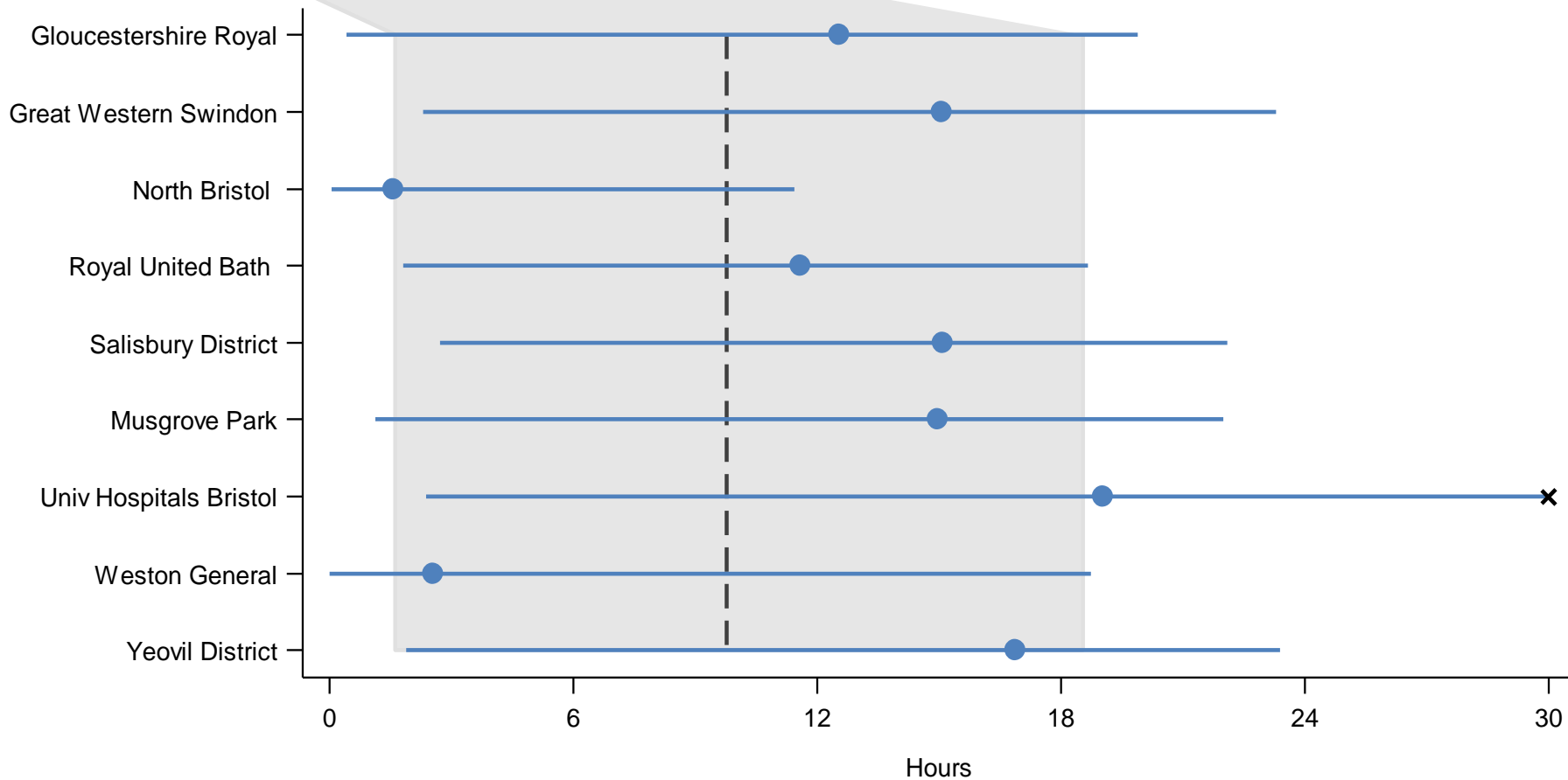
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 4.2A

West of England

Stroke nurse within 24 hours

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 4.3A

West of England

Clock start to stroke nurse time
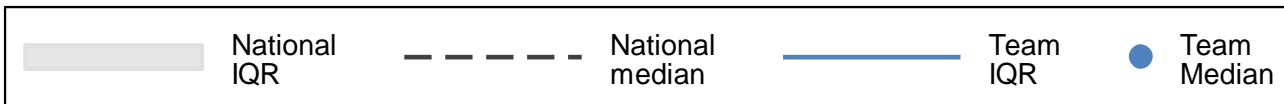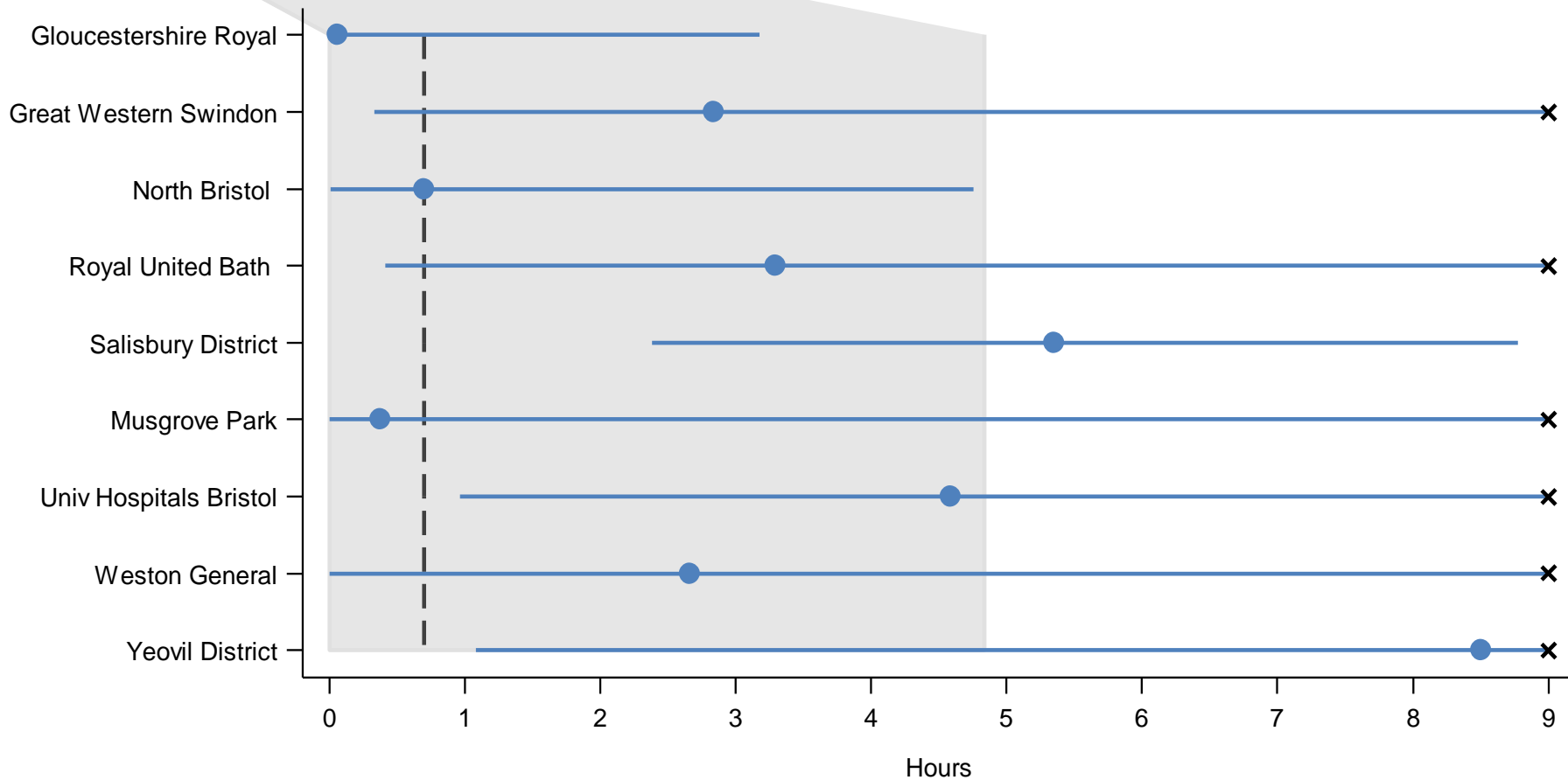
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 4.4A

West of England

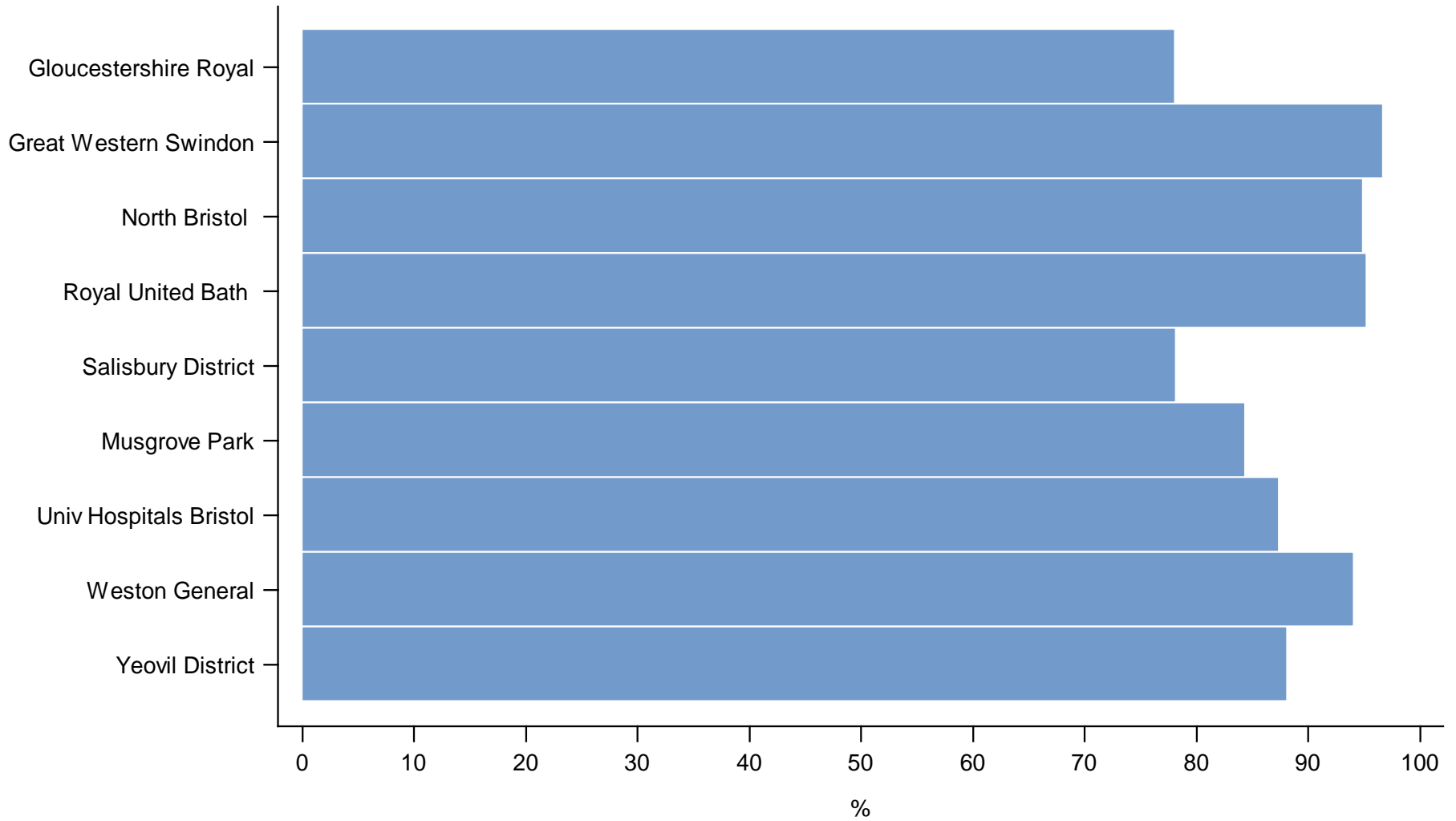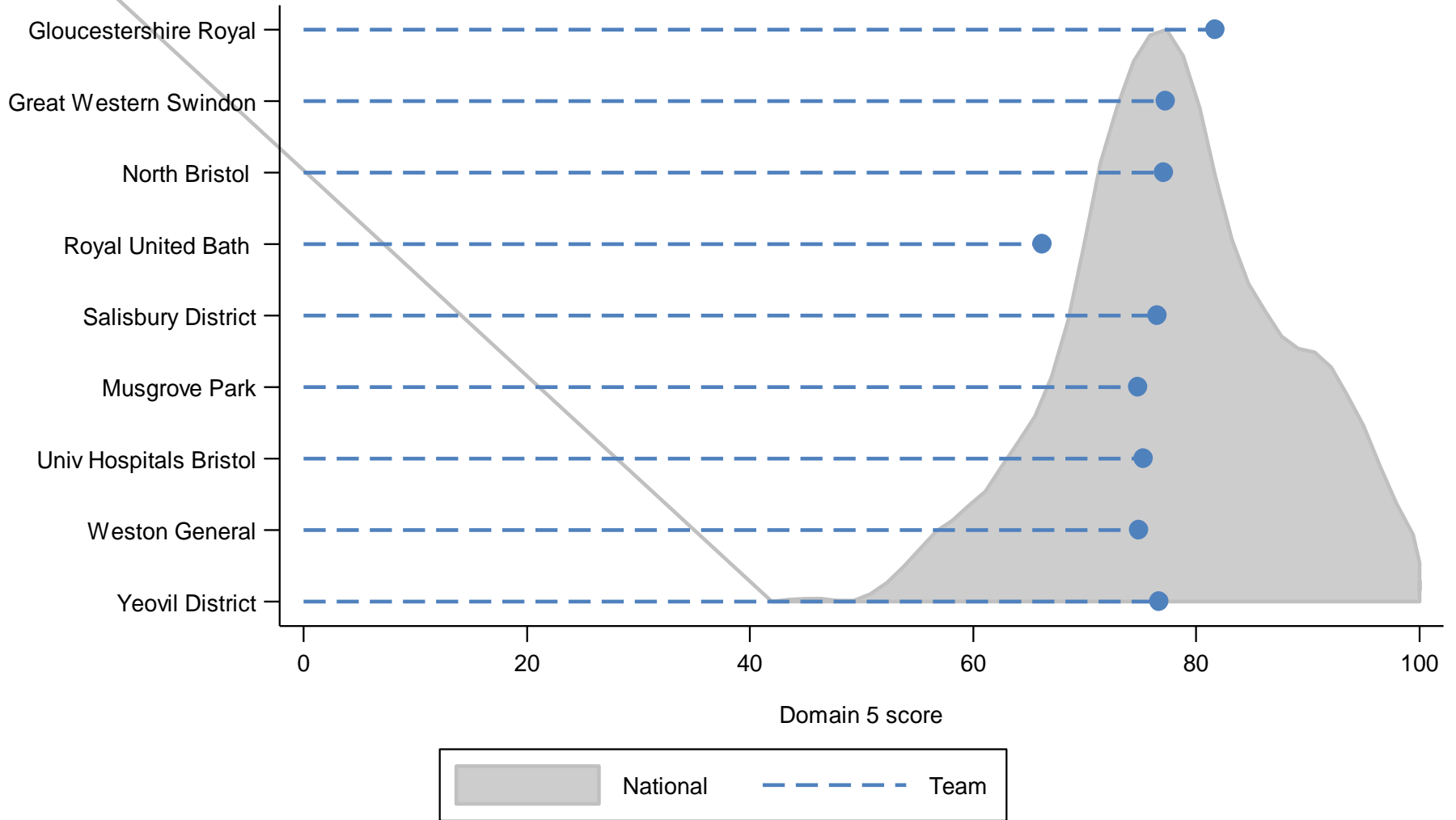# Swallow screen within 4 hours
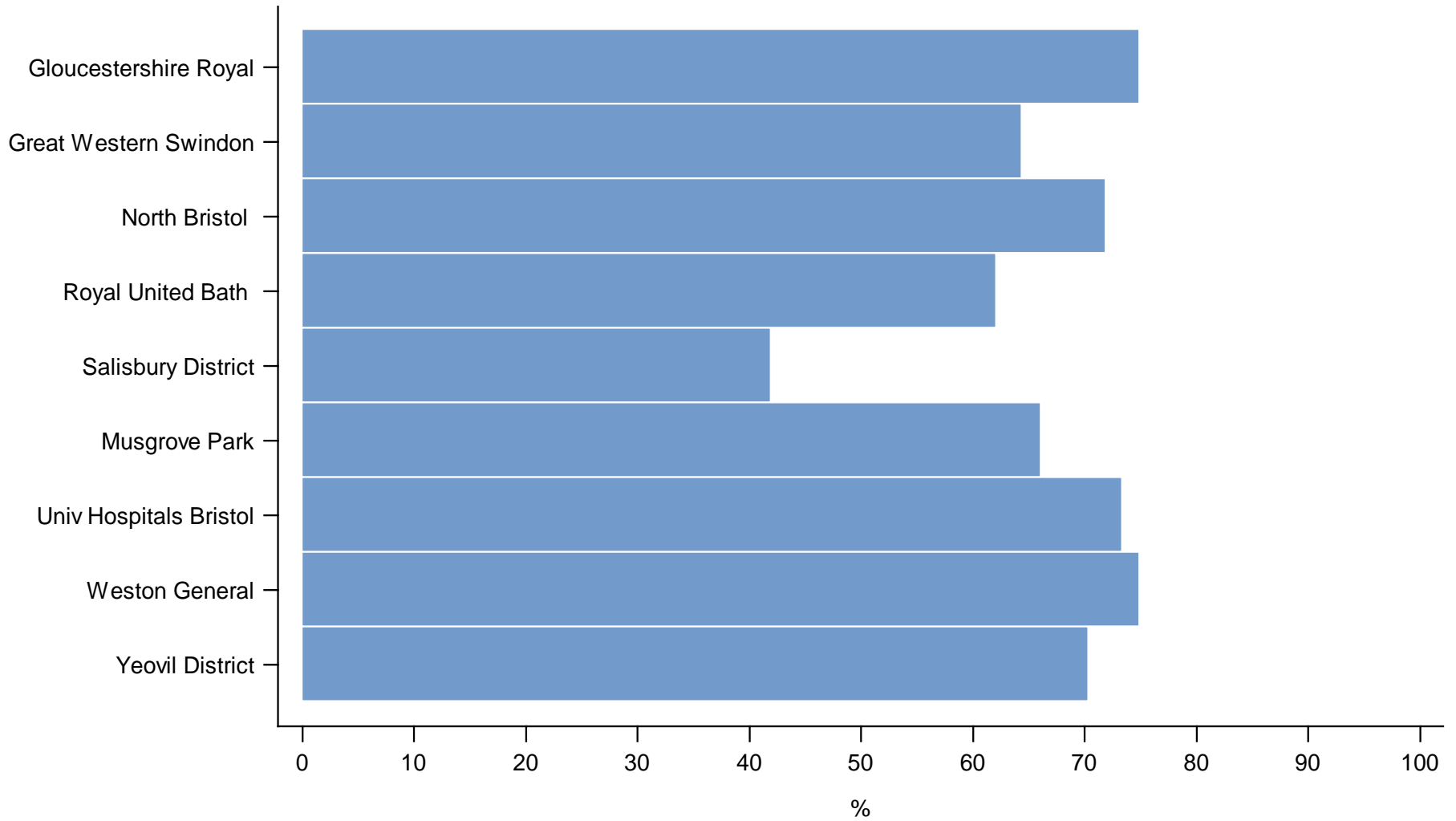
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 4.5A

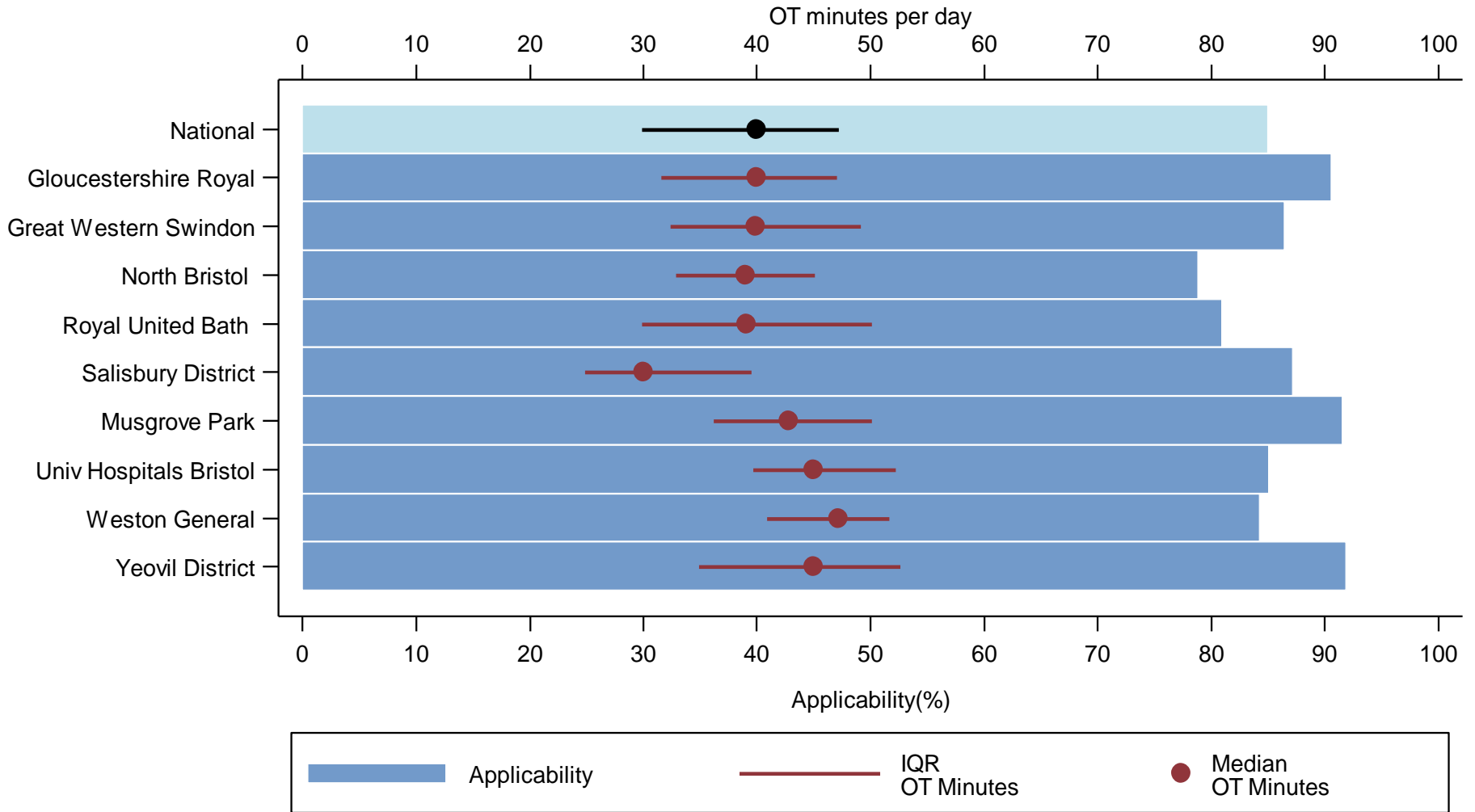West of England

Formal swallow assessment within 72 hours

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 4.6A

West of England

Domain 5 - Occupational therapy

Source: SSNAP Apr-Jun 2022
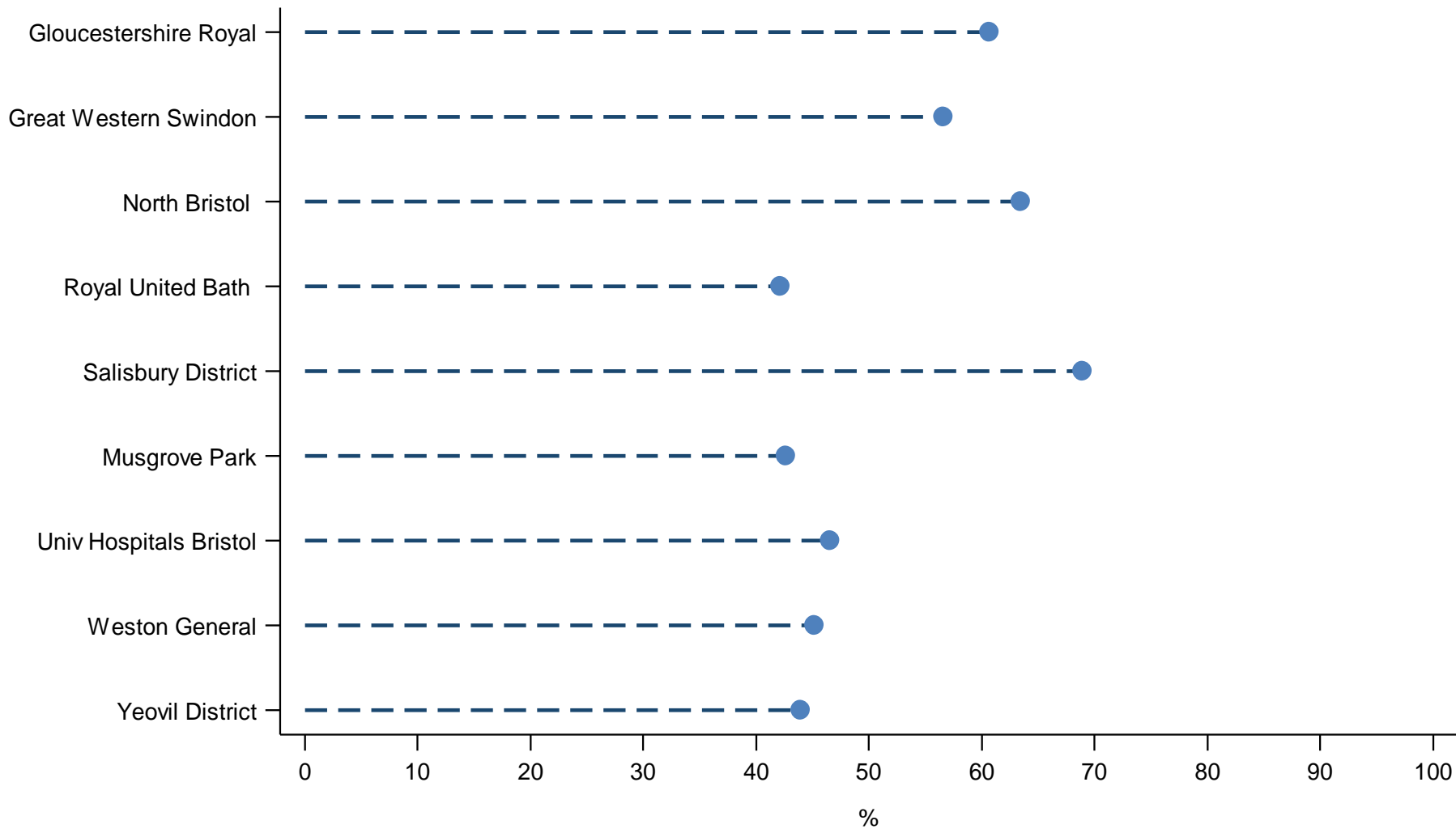Patient-centred results at team level for Domain 5

West of England

Applicability and minutes per day of OT

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator Key Indicator 5.1A and 5.2A
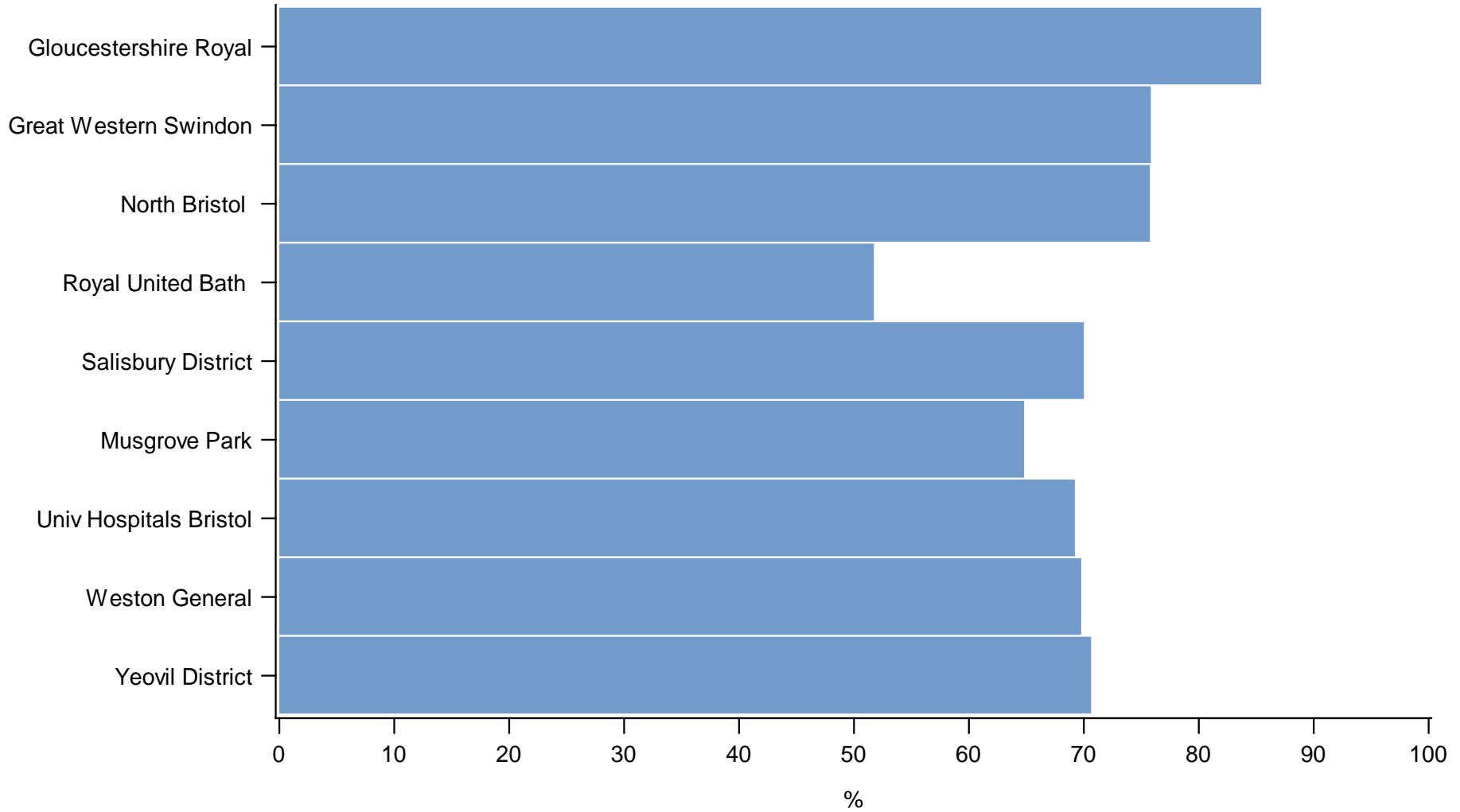
West of England

Median % of inpatient days on which OT is received

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator Key Indicator 5.3A
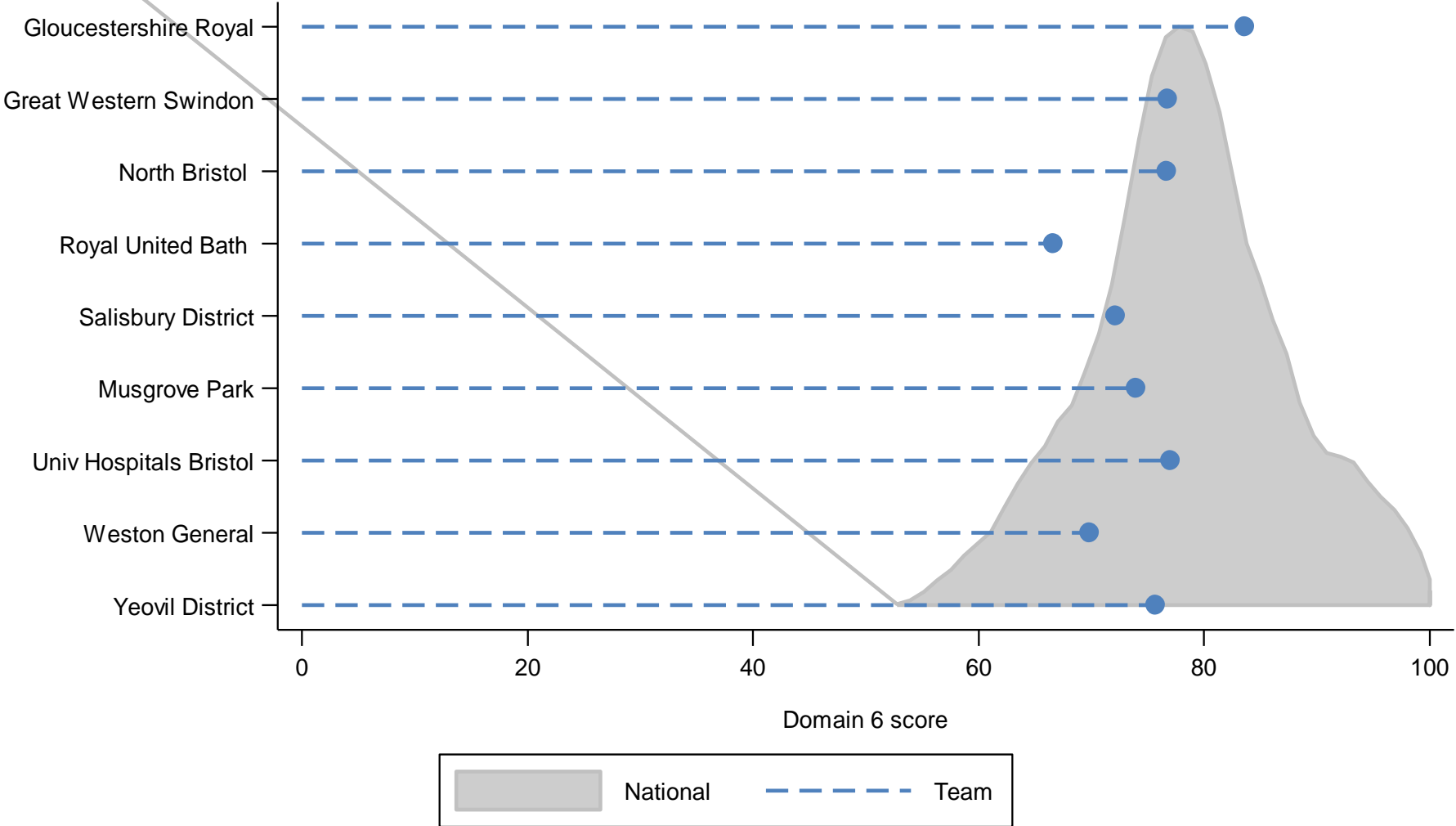
West of England

Compliance (%) against OT target

Source: SSNAP Apr-Jun 2022
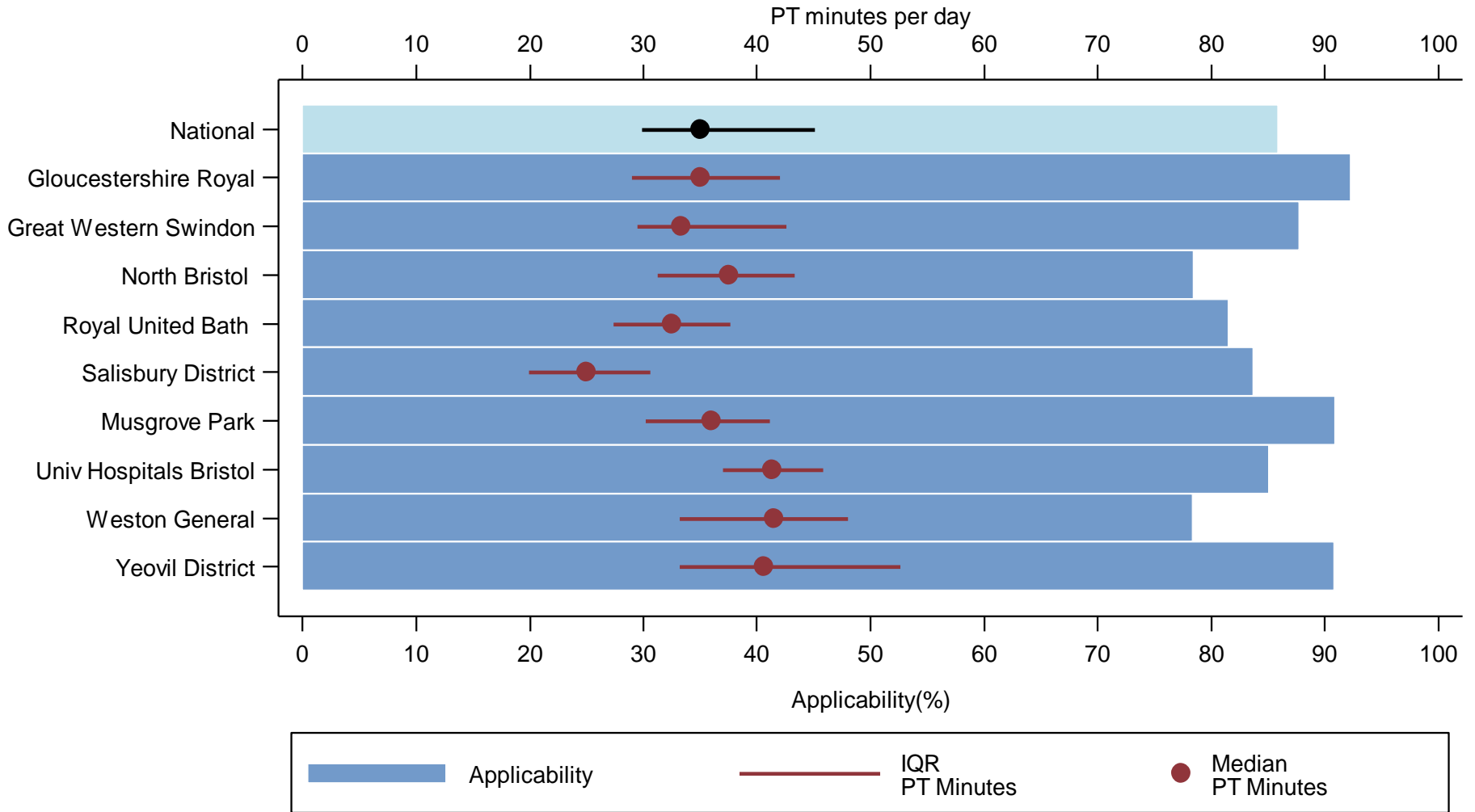Patient-centred results at team level for Key Indicator Key Indicator 5.4A

West of England

Domain 6 - Physiotherapy

Domain 6 score

National   Team

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Domain 6

West of England

Applicability and minutes per day of PT

PT minutes per day

National

Gloucestershire Royal

Great Western Swindon

North Bristol

Royal United Bath

Salisbury District

Musgrove Park

Univ Hospitals Bristol

Weston General

Yeovil District

Applicability(%)
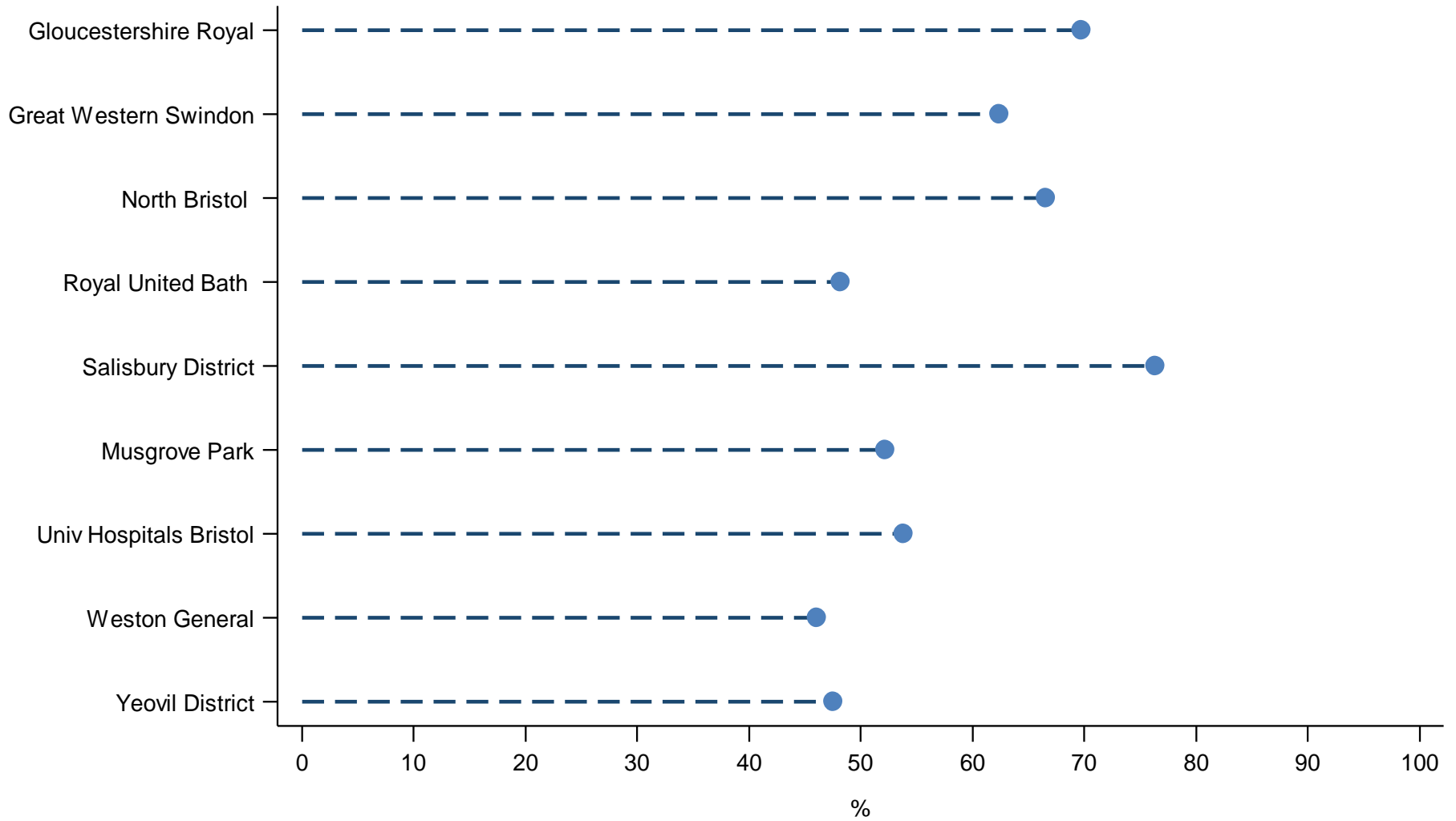
| Applicability | IQR PT Minutes | Median PT Minutes |

Source: SSNAP Apr-Jun 2022
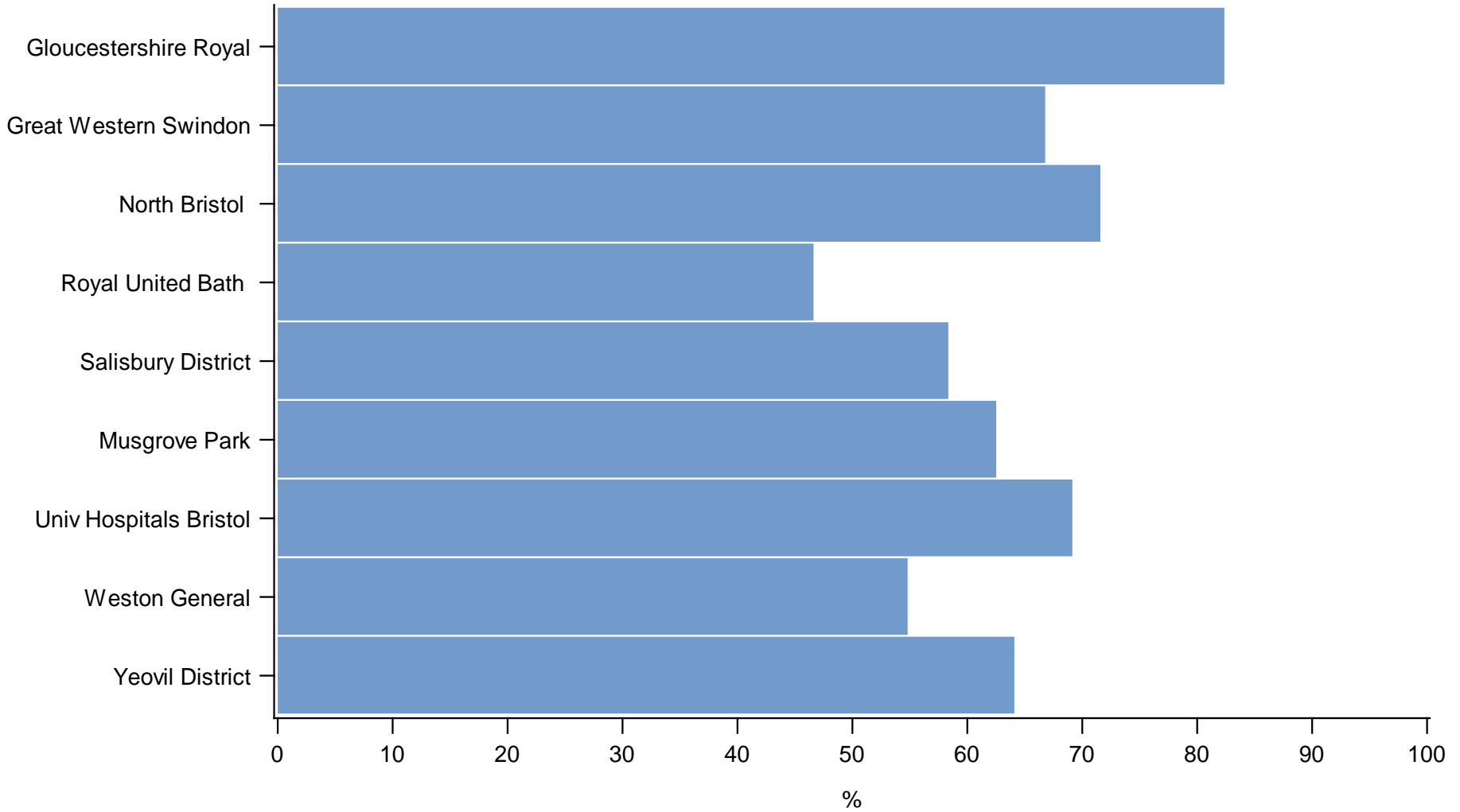Patient-centred results at team level for Key Indicator Key Indicator 6.1A and 6.2A

West of England

Median % of inpatient days on which PT is received

Gloucestershire Royal
Great Western Swindon
North Bristol
Royal United Bath
Salisbury District
Musgrove Park
Univ Hospitals Bristol
Weston General
Yeovil District

0 10 20 30 40 50 60 70 80 90 100

%

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator Key Indicator 6.3A

West of England
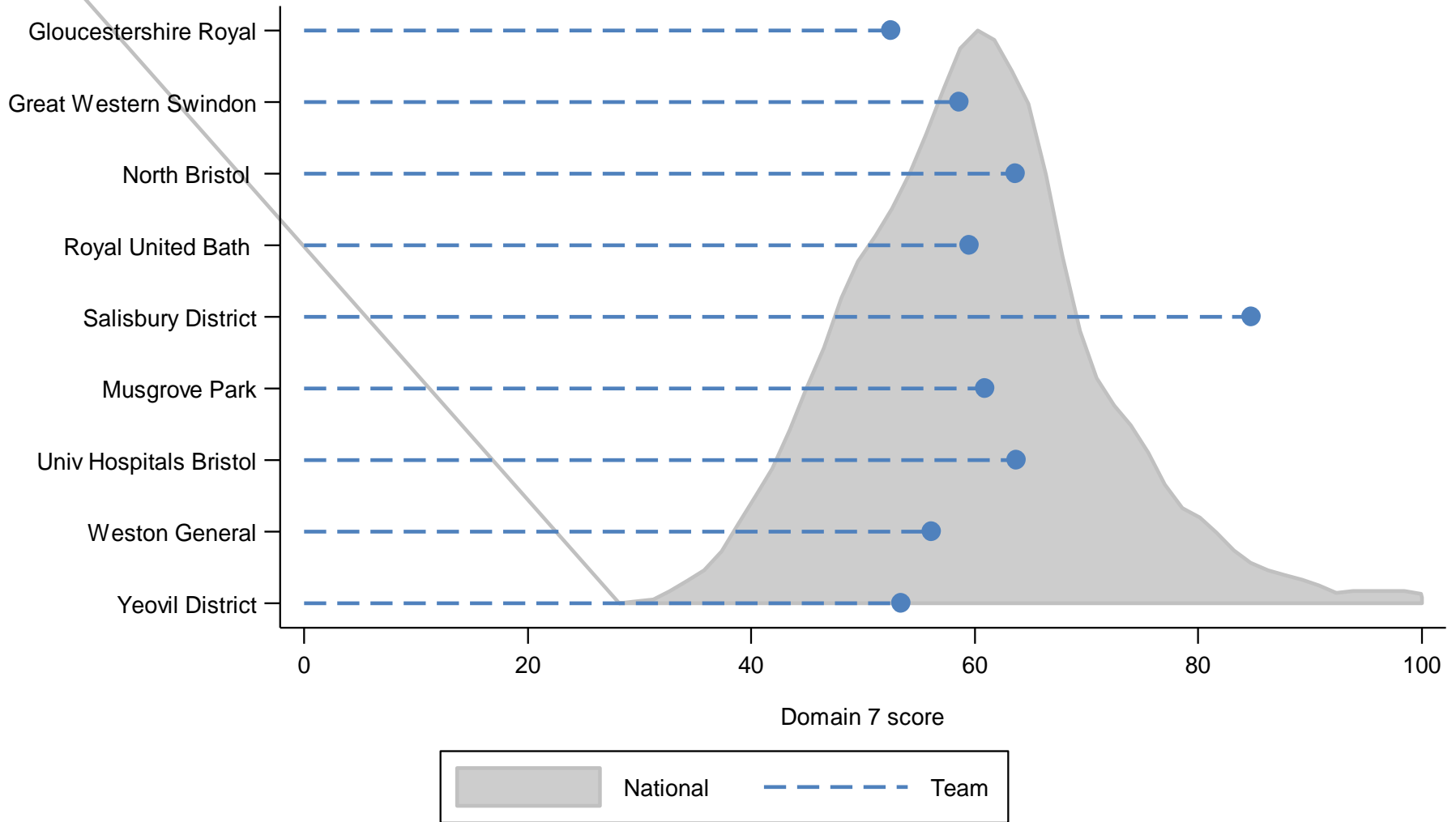
Compliance (%) against PT target

Source: SSNAP Apr-Jun 2022
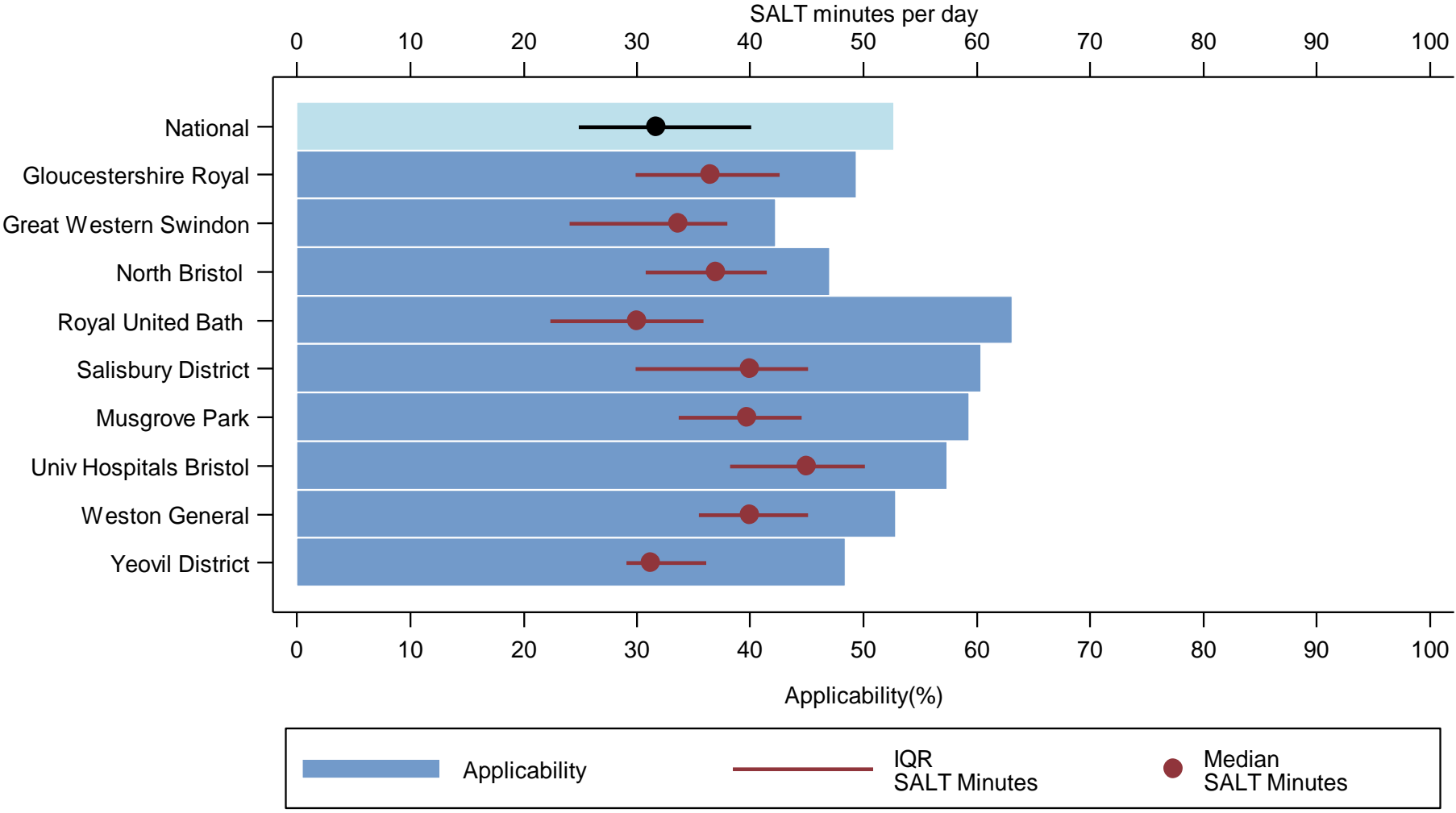Patient-centred results at team level for Key Indicator Key Indicator 6.4A

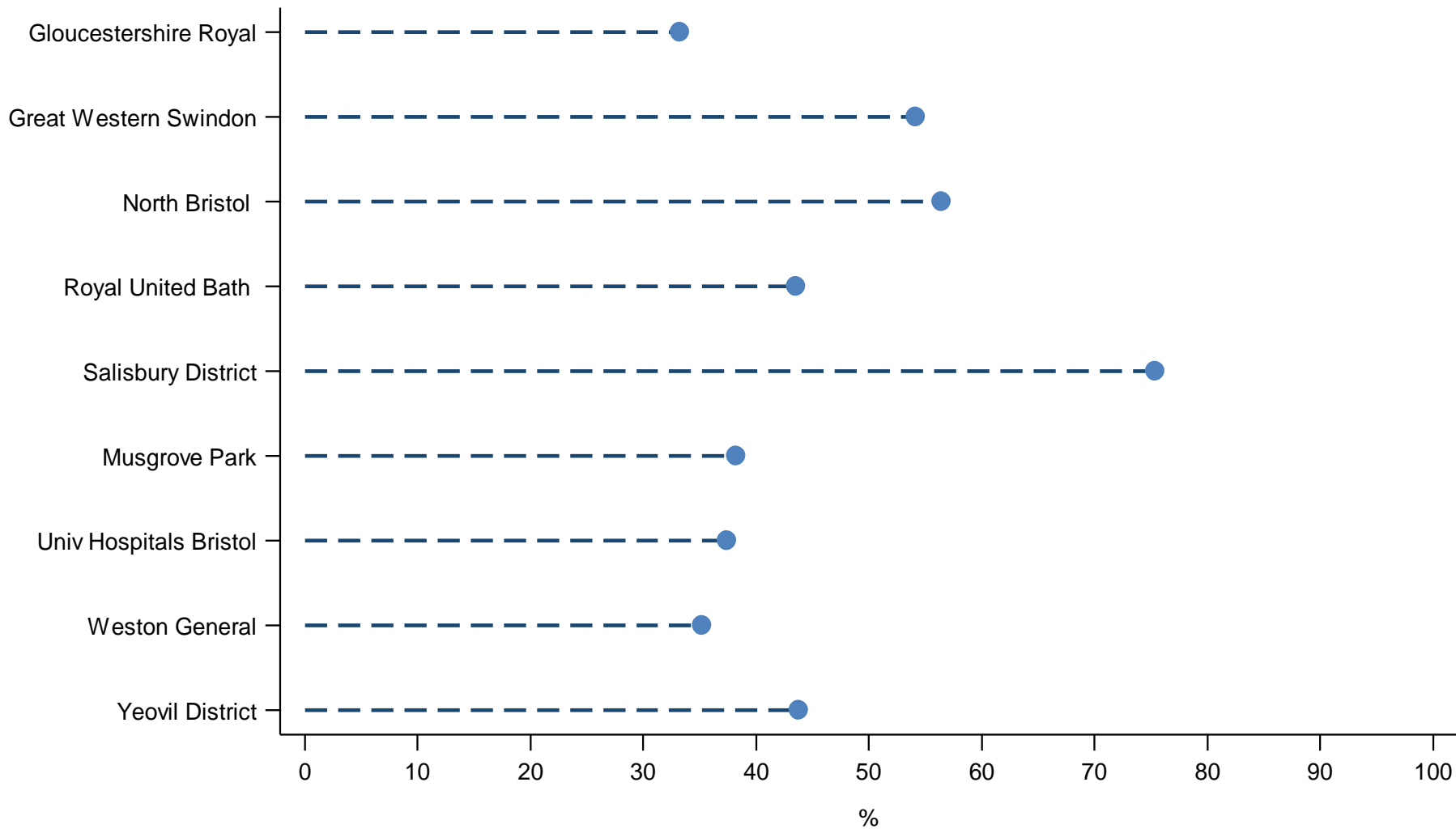West of England

Domain 7 - Speech and language therapy

Domain 7 score

National   Team

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Domain 7

West of England

Applicability and minutes per day of SALT

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator Key Indicator 7.1A and 7.2A
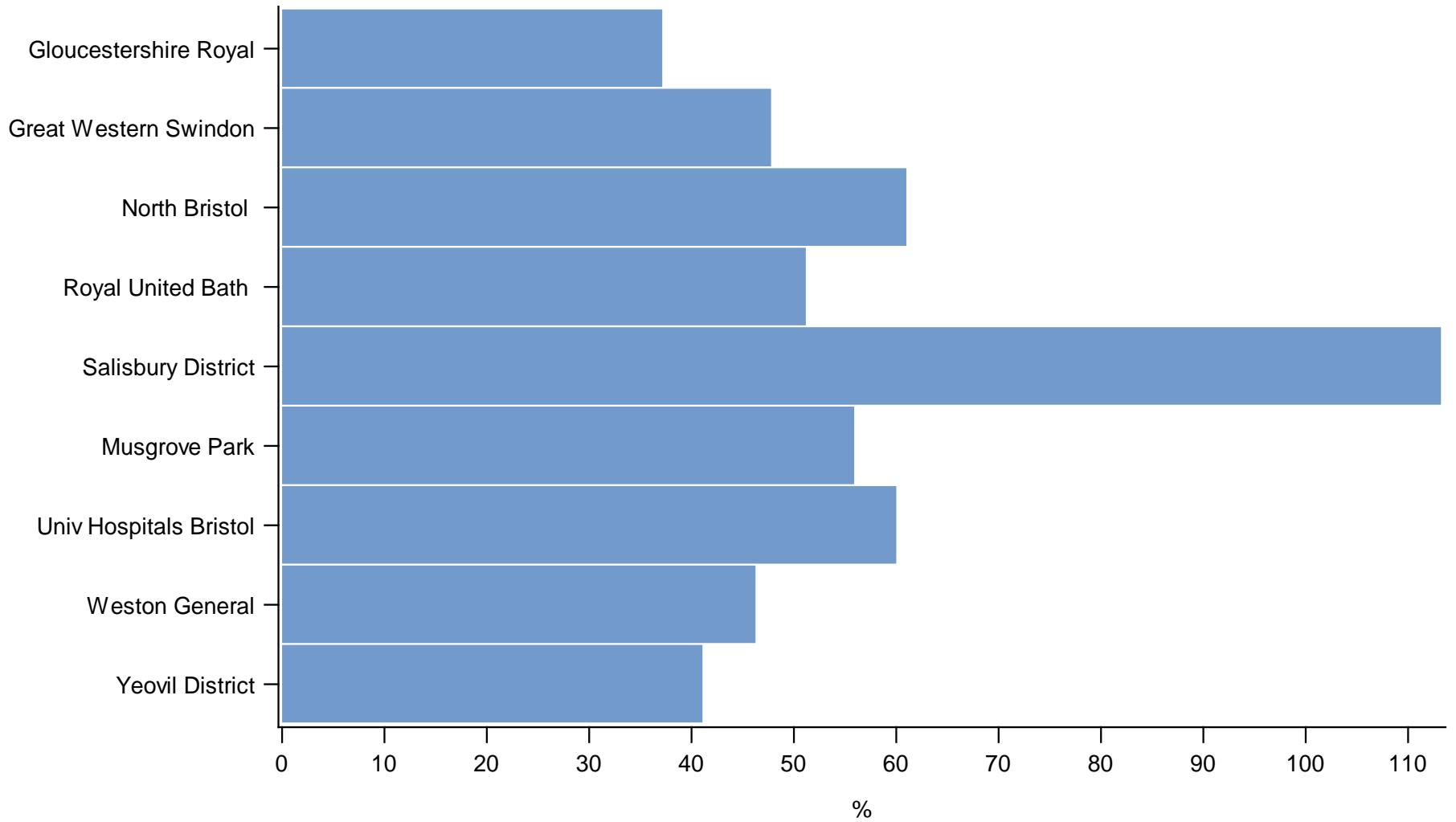
West of England

# Median % of inpatient days on which SALT is received

Gloucestershire Royal
Great Western Swindon
North Bristol
Royal United Bath
Salisbury District
Musgrove Park
Univ Hospitals Bristol
Weston General
Yeovil District

0 10 20 30 40 50 60 70 80 90 100

%

West of England

Compliance (%) against SALT target

Hospital	Compliance (%)
Gloucestershire Royal	
Great Western Swindon	
North Bristol	
Royal United Bath	
Salisbury District	
Musgrove Park	
Univ Hospitals Bristol	
Weston General	
Yeovil District	

%

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator Key Indicator 7.4A

West of England

Domain 8 - Multidisciplinary team working

Domain 8 score

Legend: National, Team
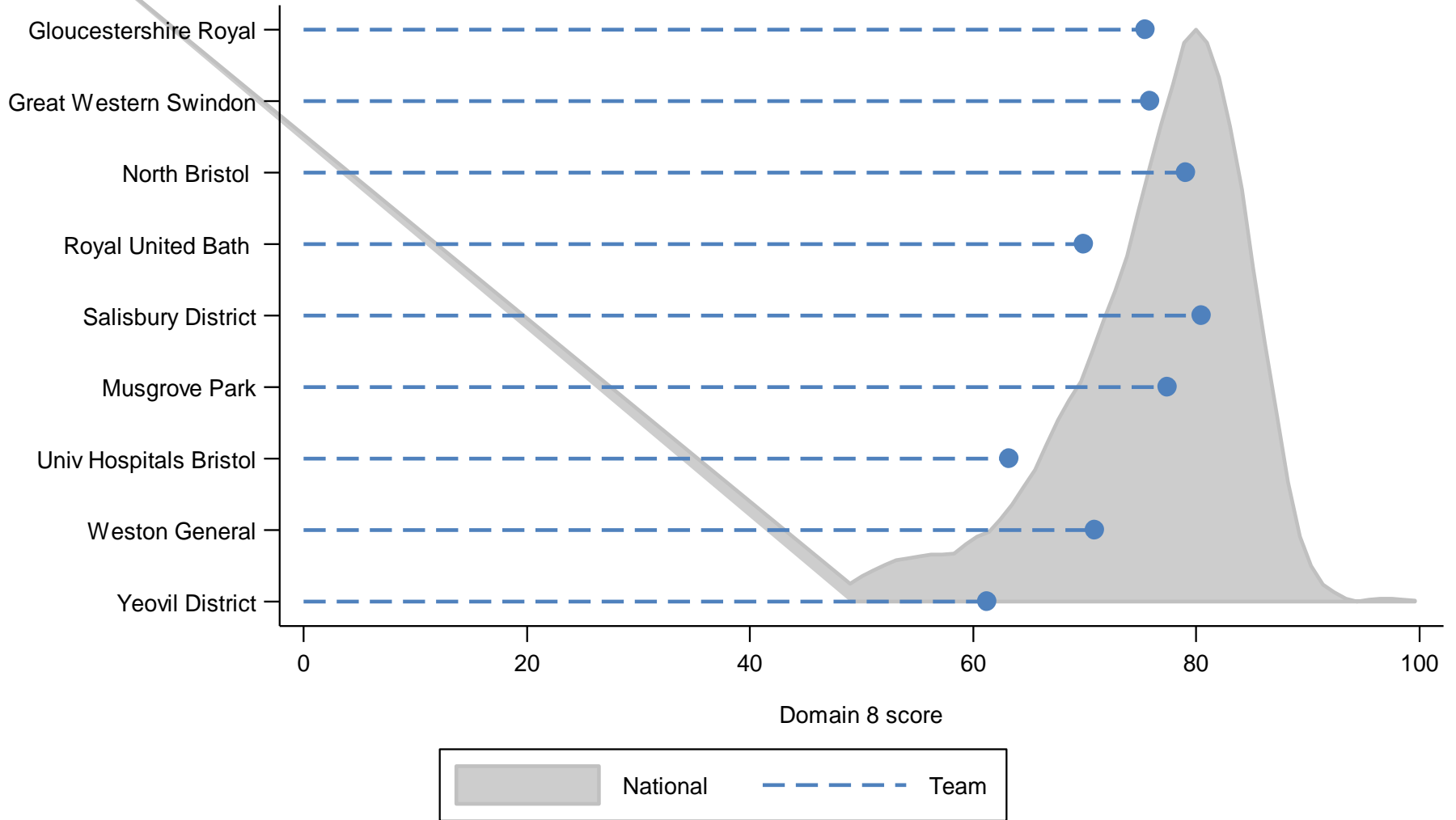
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Domain 8

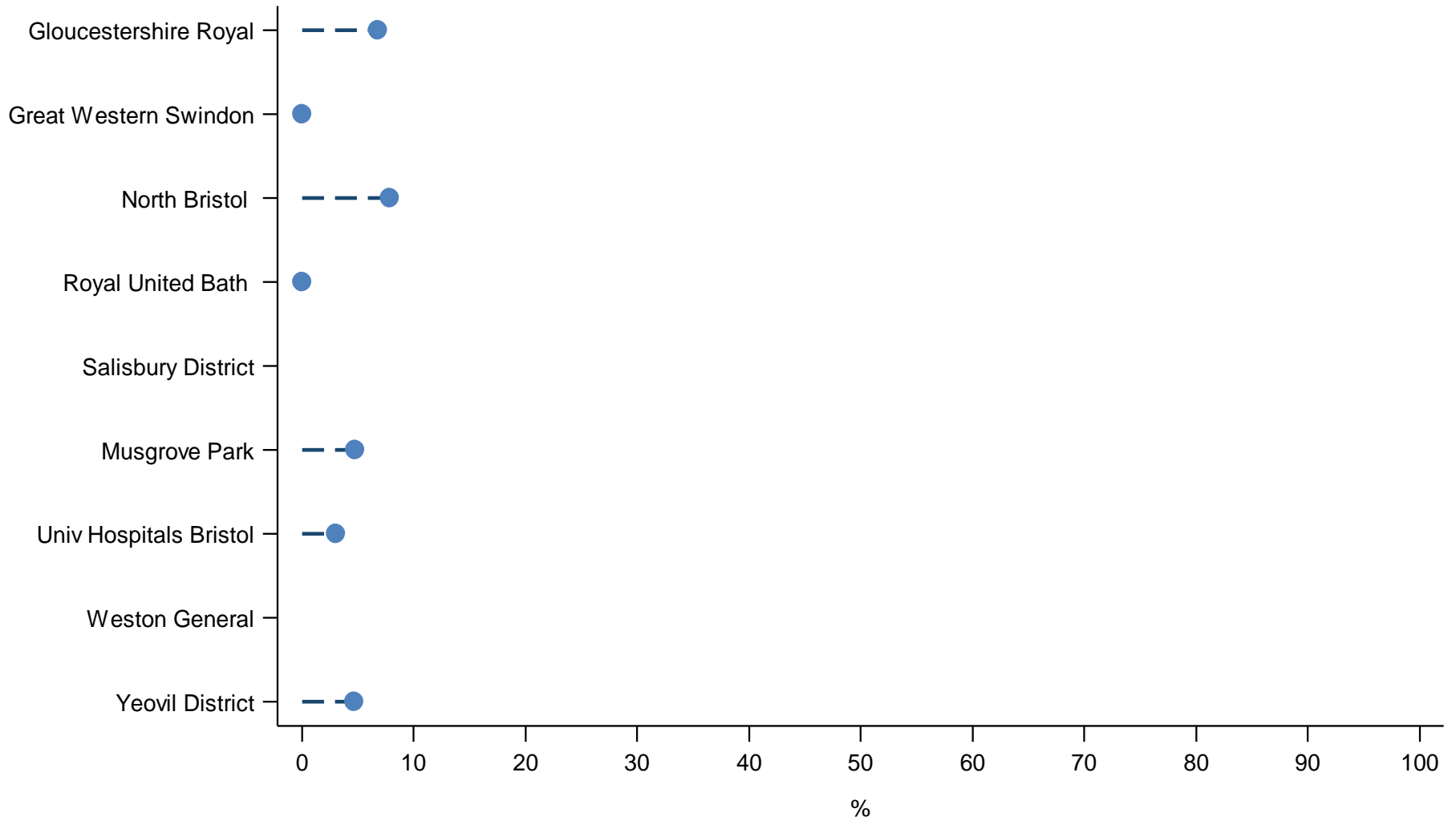West of England

Applicability and minutes per day of PSY
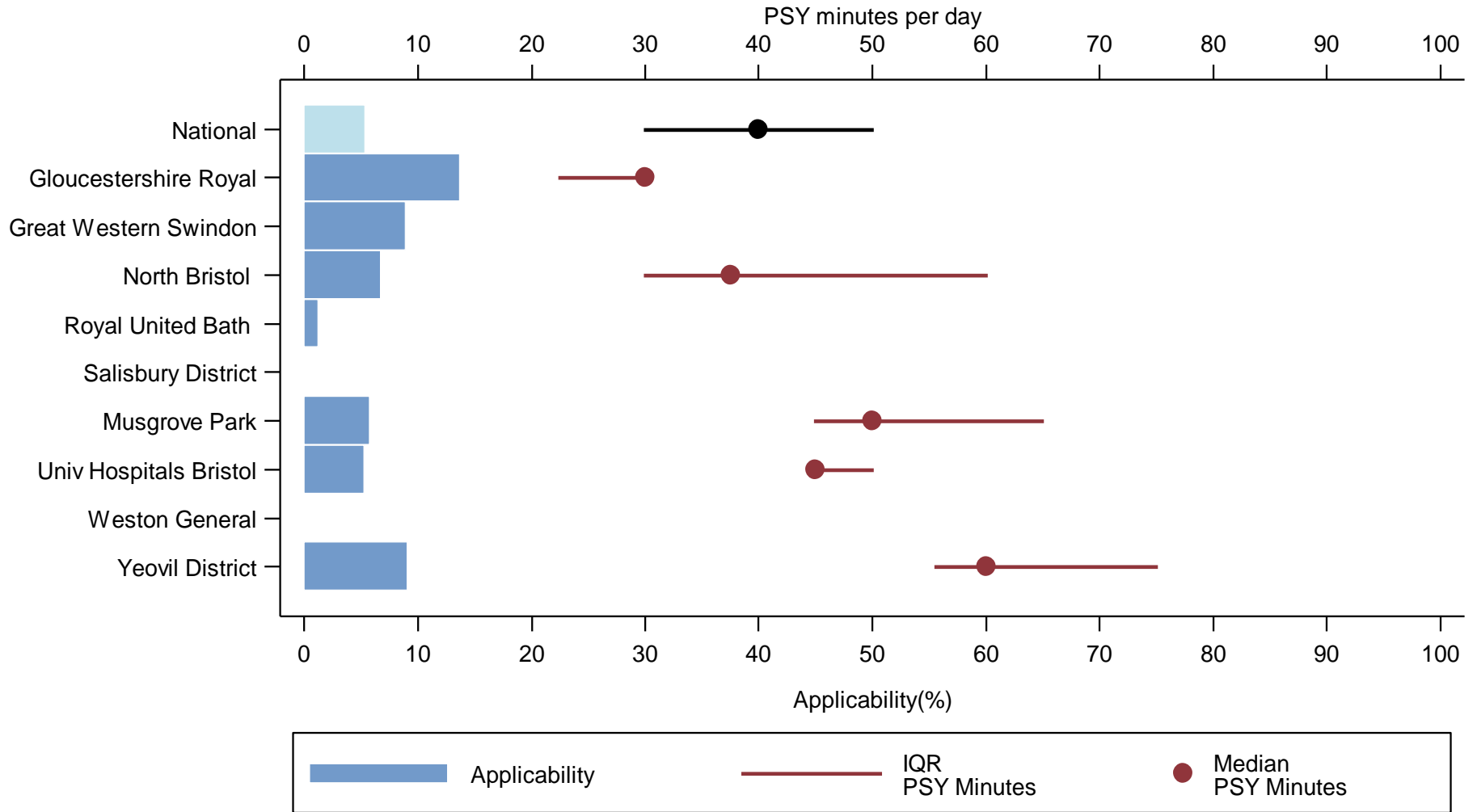
Source: SSNAP Apr-Jun 2022
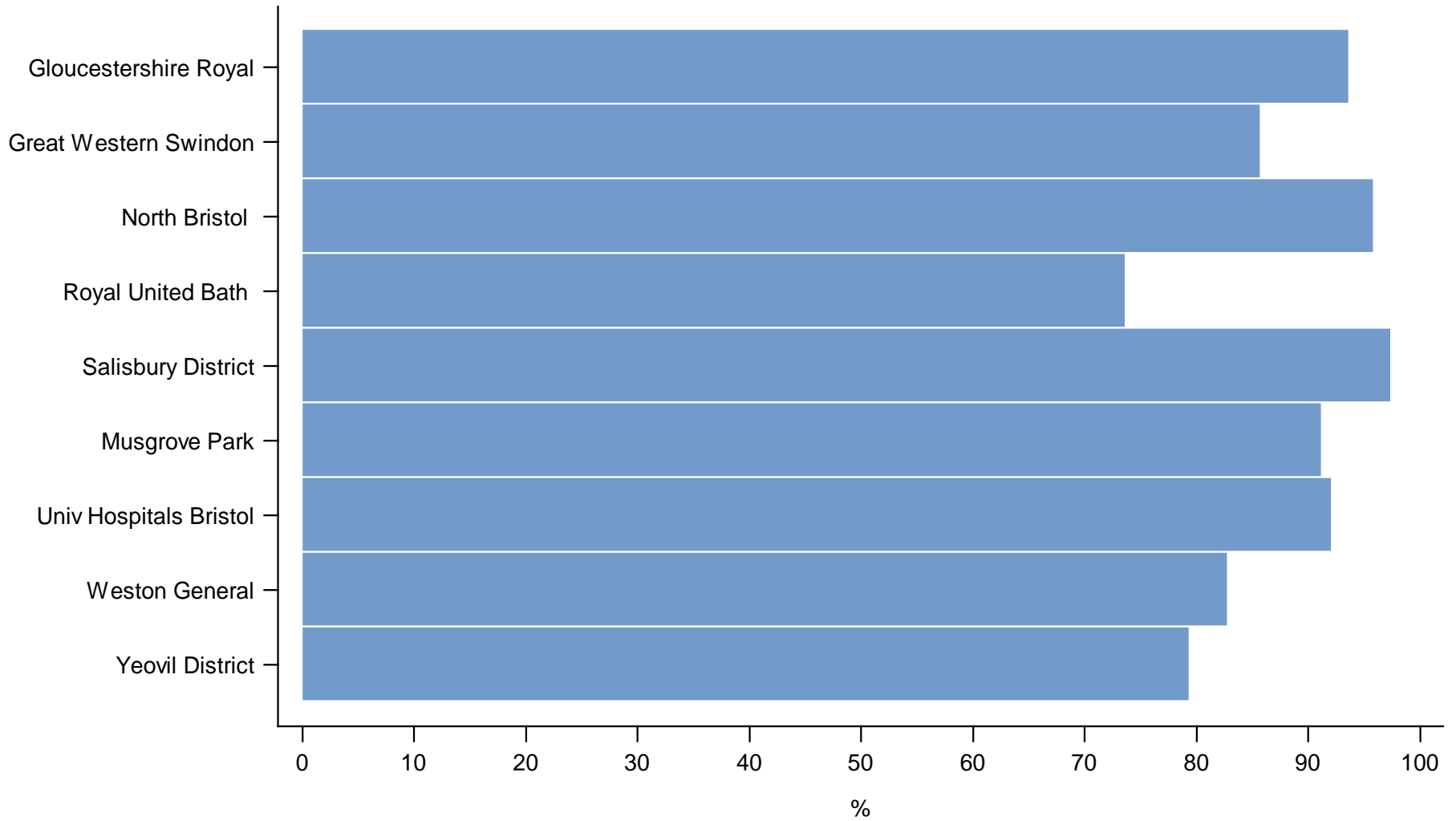Patient-centred results at team level for Key Indicator Item Reference J7.3-J7.7

West of England

Median % of inpatient days on which PSY is received

Gloucestershire Royal

Great Western Swindon

North Bristol

Royal United Bath

Salisbury District

Musgrove Park

Univ Hospitals Bristol

Weston General

Yeovil District

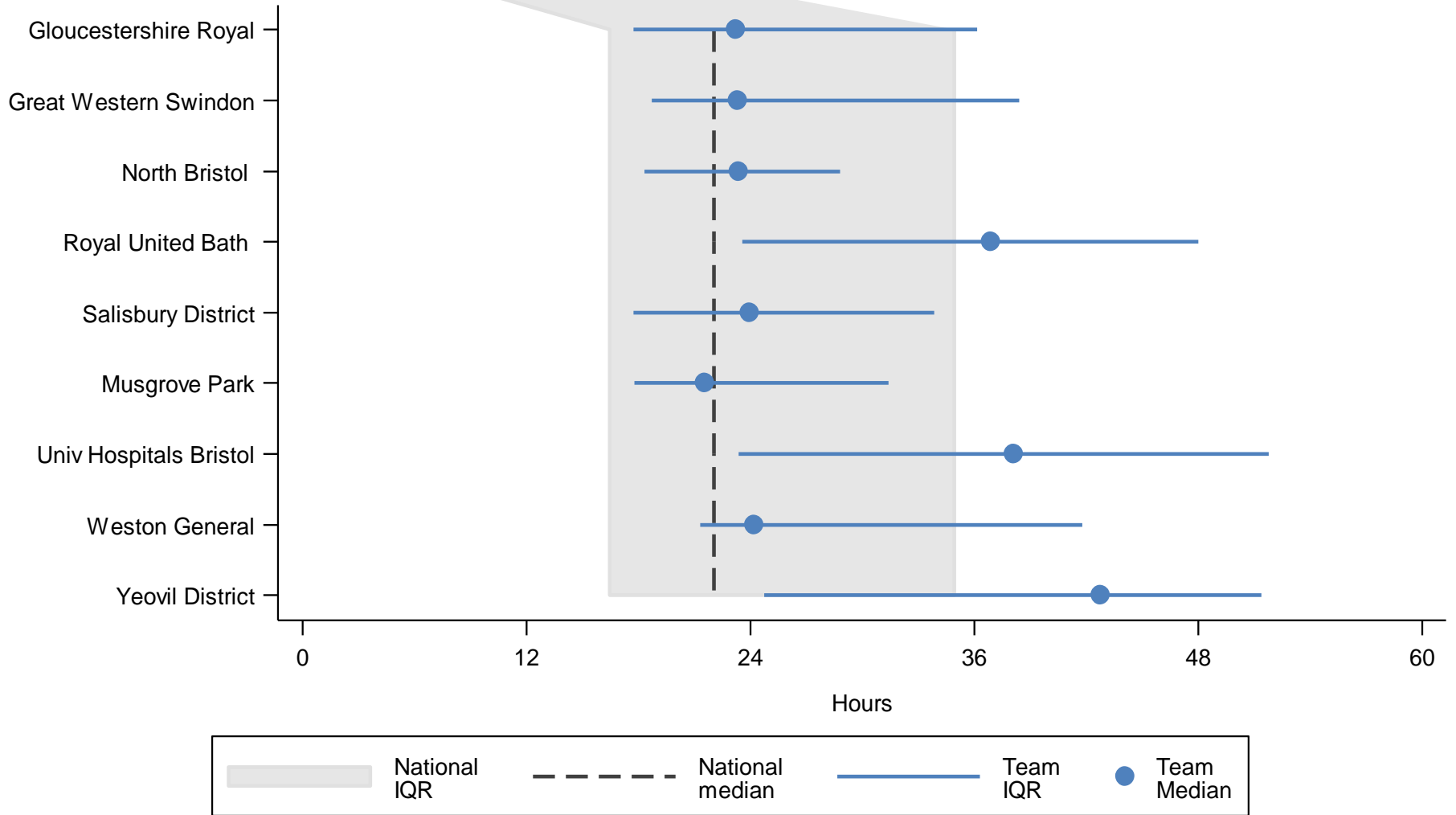0 10 20 30 40 50 60 70 80 90 100

%

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator Item Reference J7.4

West of England

OT assessment within 72 hours

Gloucestershire Royal
Great Western Swindon
North Bristol
Royal United Bath
Salisbury District
Musgrove Park
Univ Hospitals Bristol
Weston General
Yeovil District

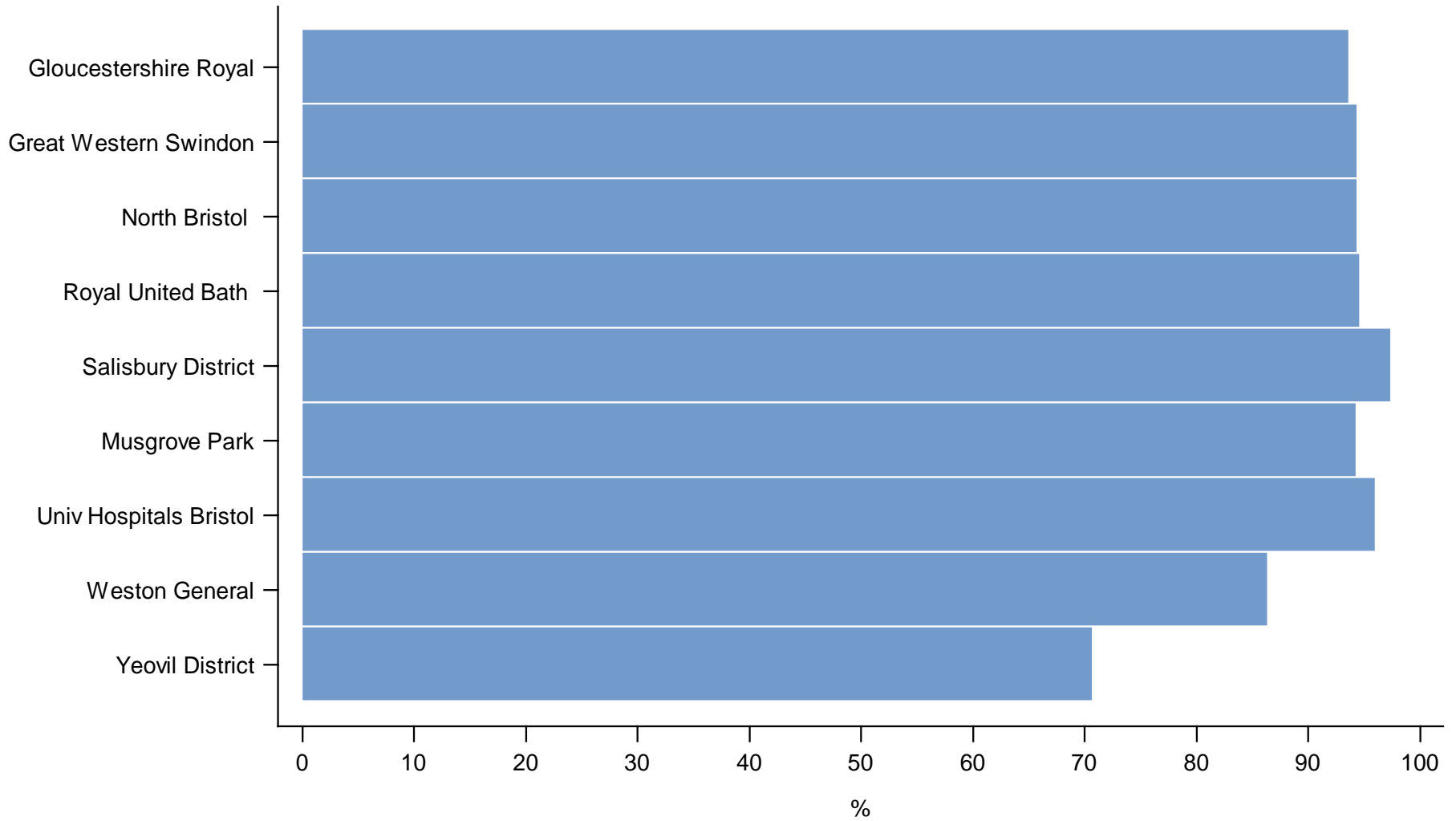0   10   20   30   40   50   60   70   80   90   100

%

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 8.1A
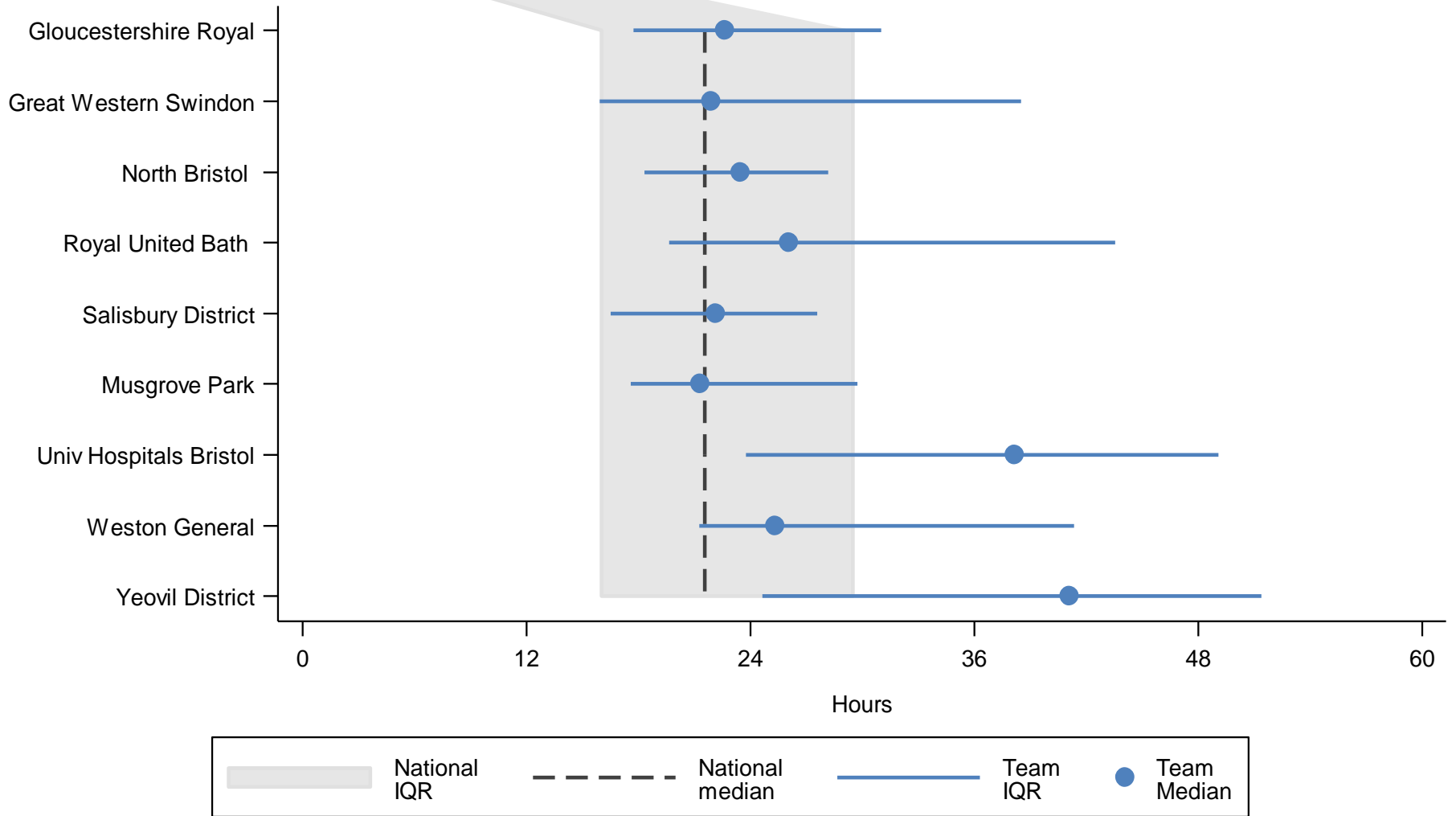
West of England

Clock start to OT assessment time

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 8.2A

West of England

# PT assessment within 72 hours

Team	%
Gloucestershire Royal	
Great Western Swindon	
North Bristol	
Royal United Bath	
Salisbury District	
Musgrove Park	
Univ Hospitals Bristol	
Weston General	
Yeovil District	

%

West of England

Clock start to PT assessment time

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 8.4A

West of England

# SALT communication assessment within 72 hours
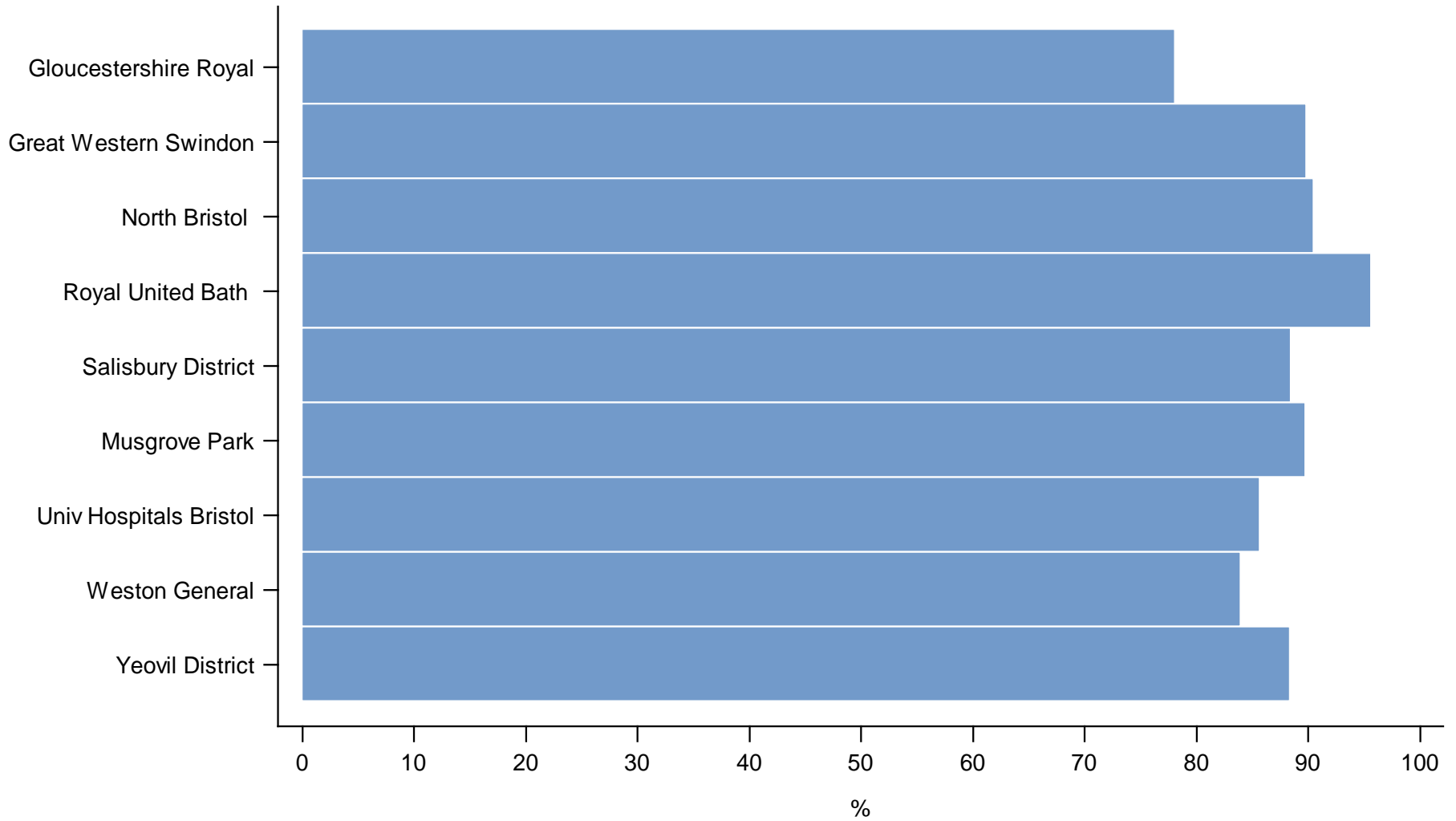
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 8.5A

West of England

Clock start to SALT communication assessment time

National IQR		National median		Team IQR	Team Median
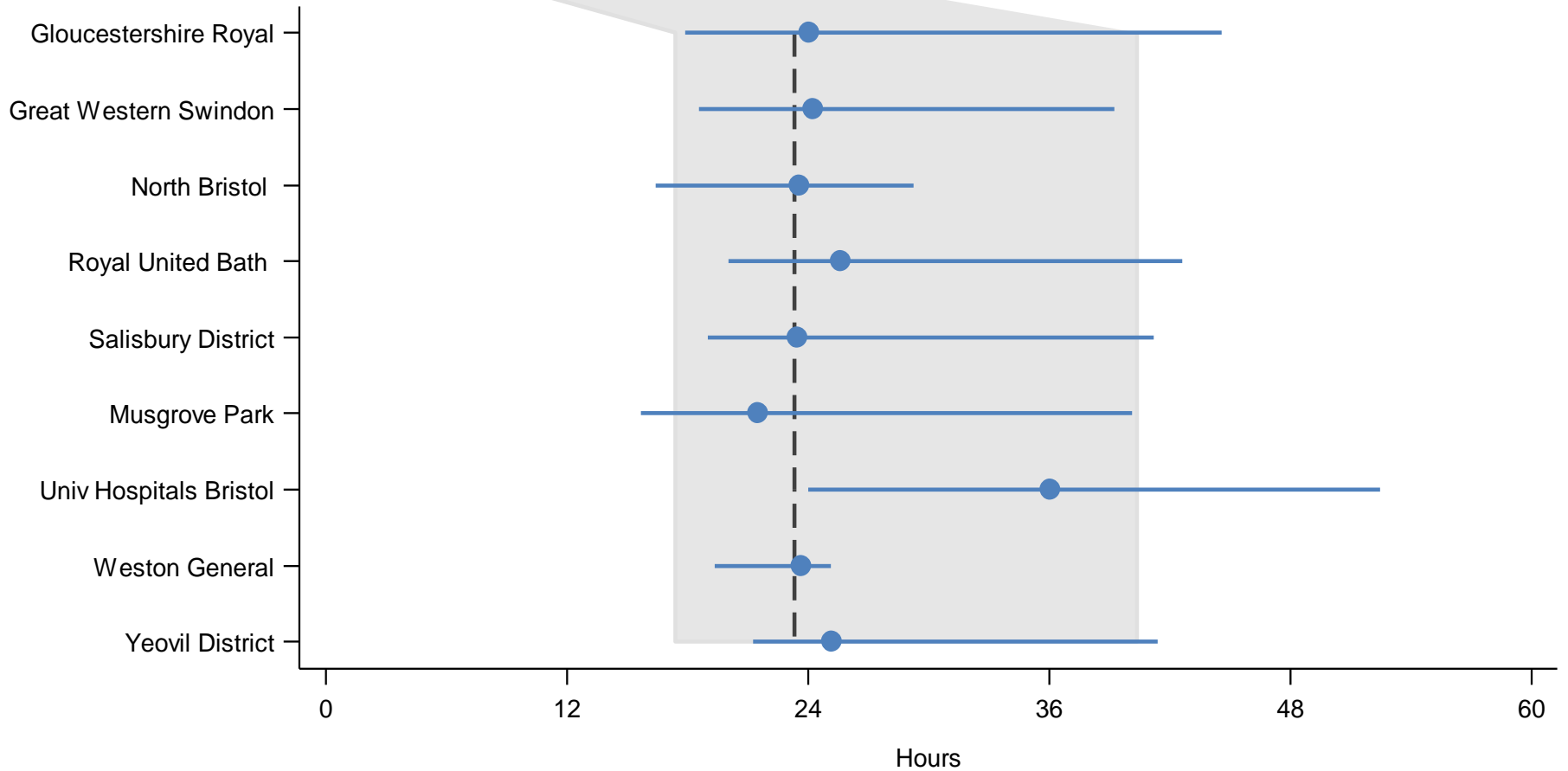
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 8.6A

West of England

Rehabilitation goals within 5 days
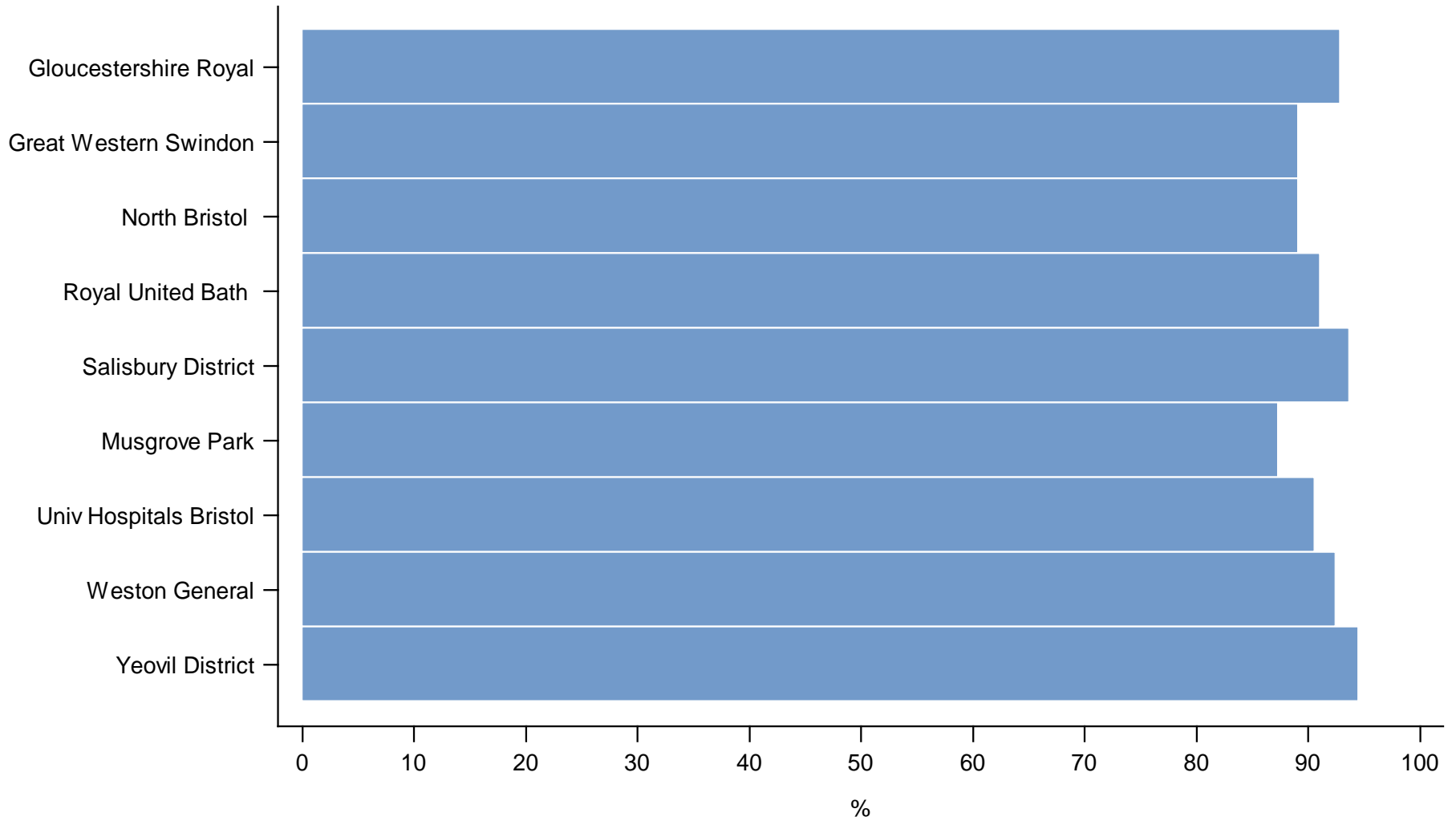
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 8.7A

West of England
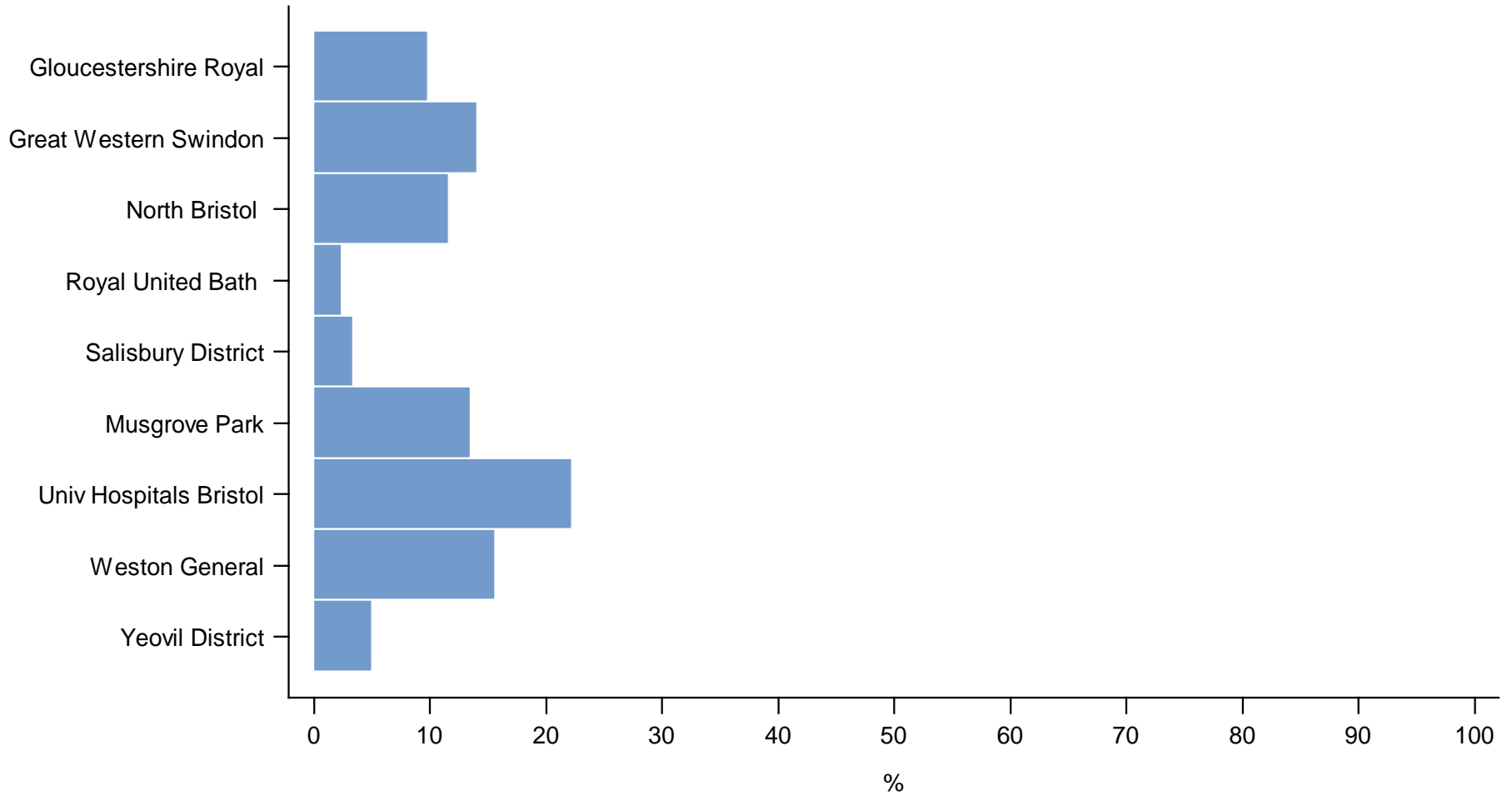
Nursing, therapy and rehab goals within time limits
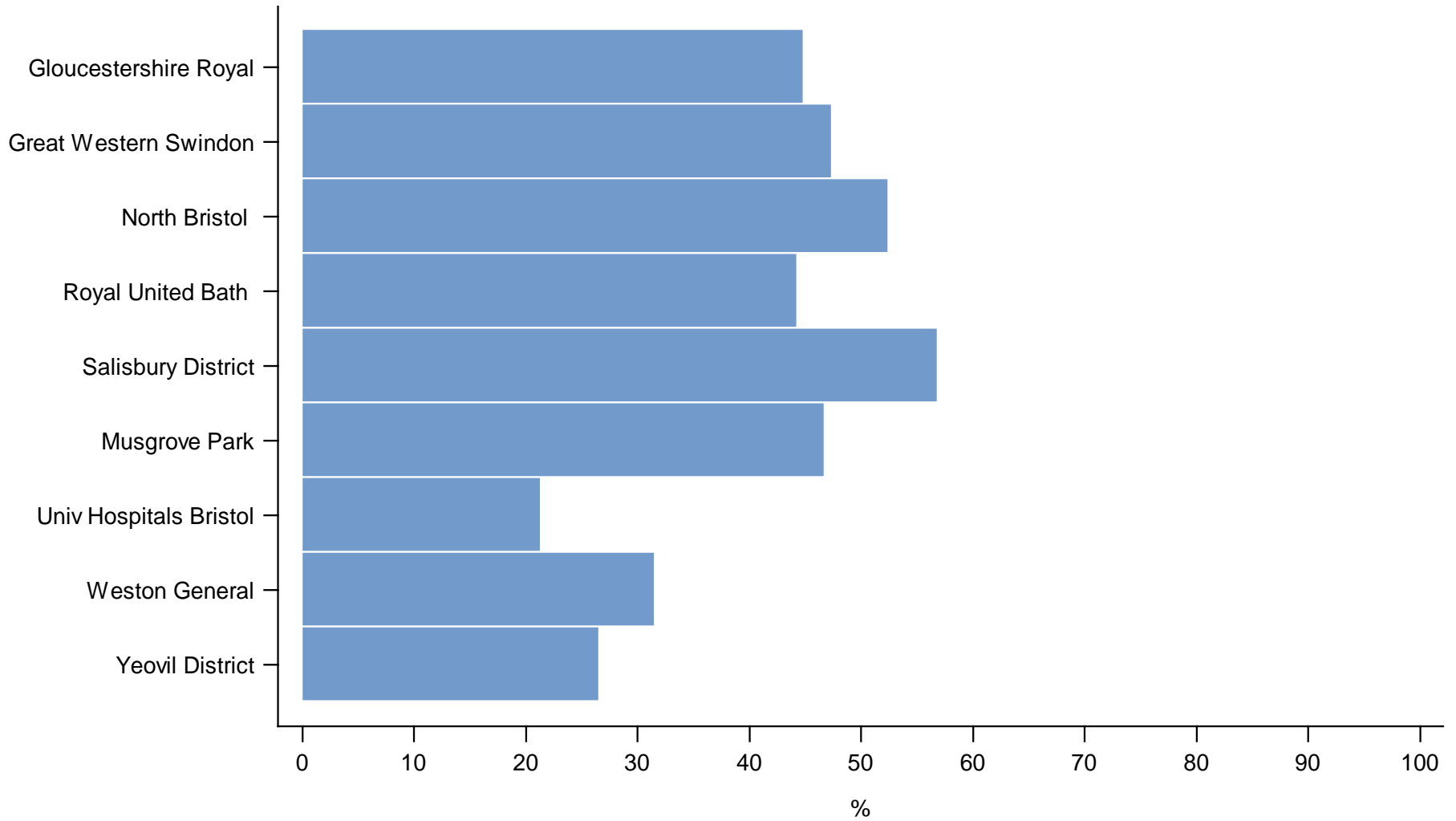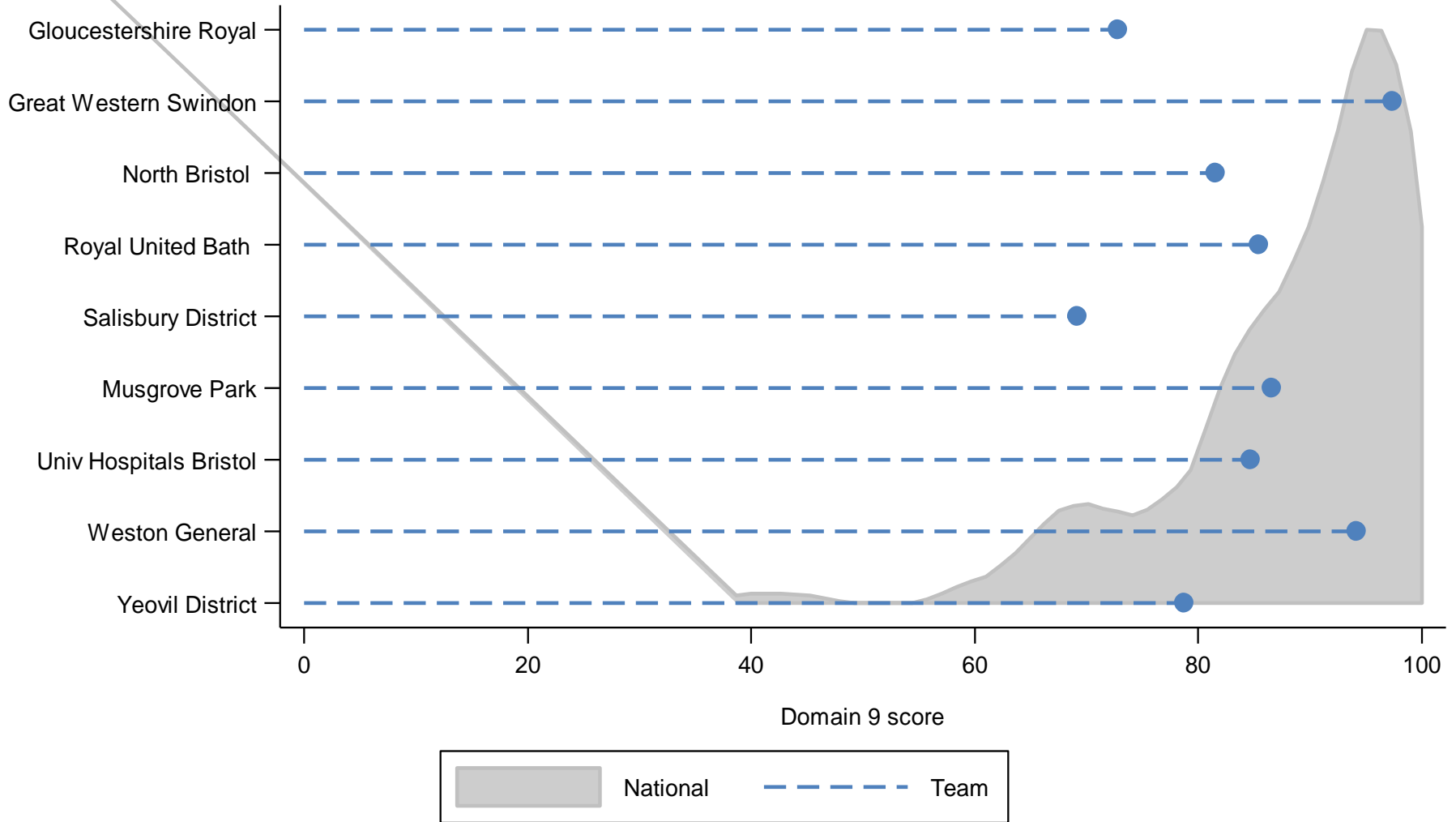

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 8.8A

West of England

# Antibiotics given for newly acquired pneumonia in first 7 days

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Item Reference J26.3

West of England

Domain 9 - Standards by discharge

Gloucestershire Royal

Great Western Swindon

North Bristol

Royal United Bath

Salisbury District

Musgrove Park

Univ Hospitals Bristol

Weston General

Yeovil District

0   20   40   60   80   100
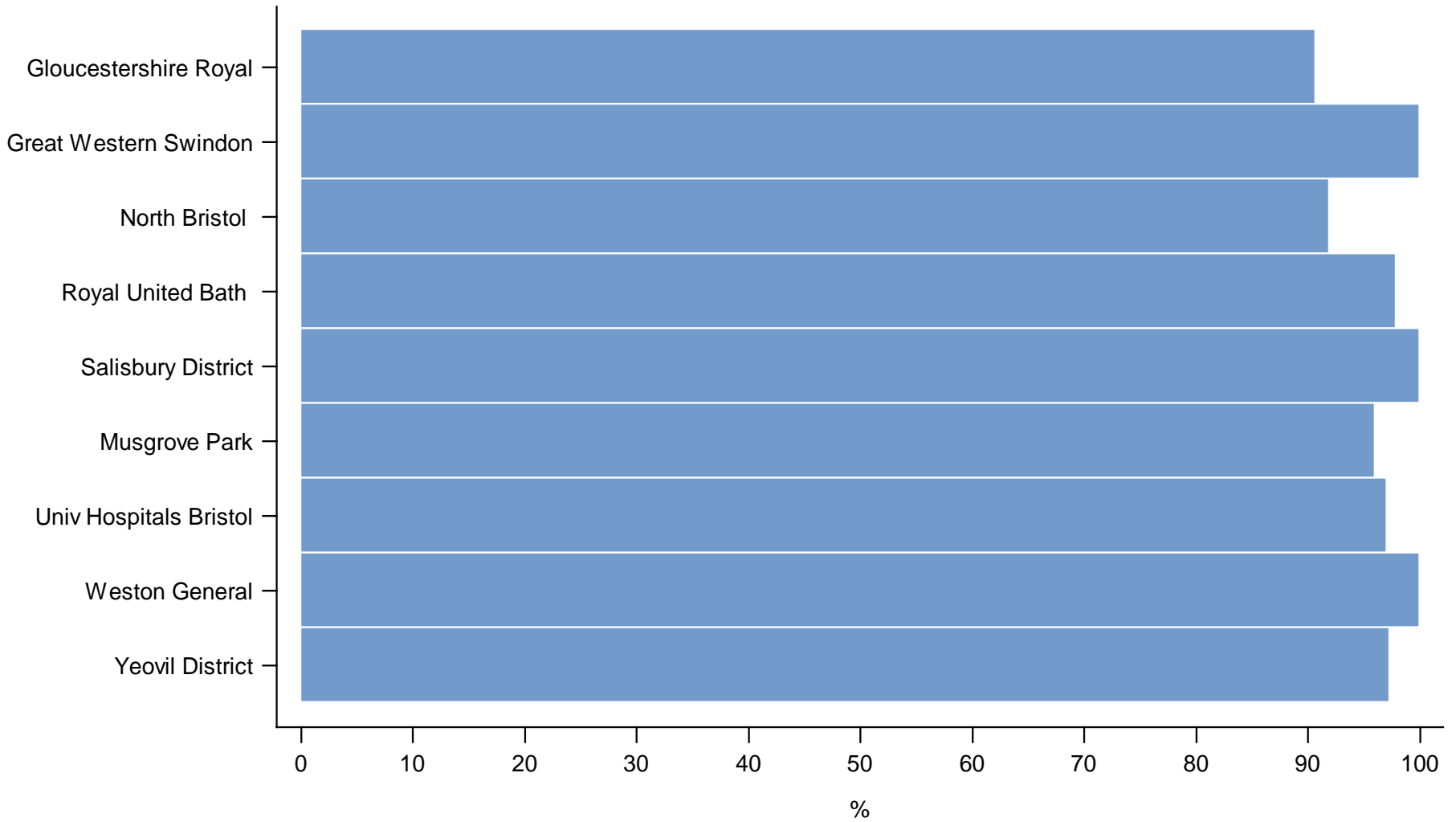
Domain 9 score

National   Team

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Domain 9

West of England

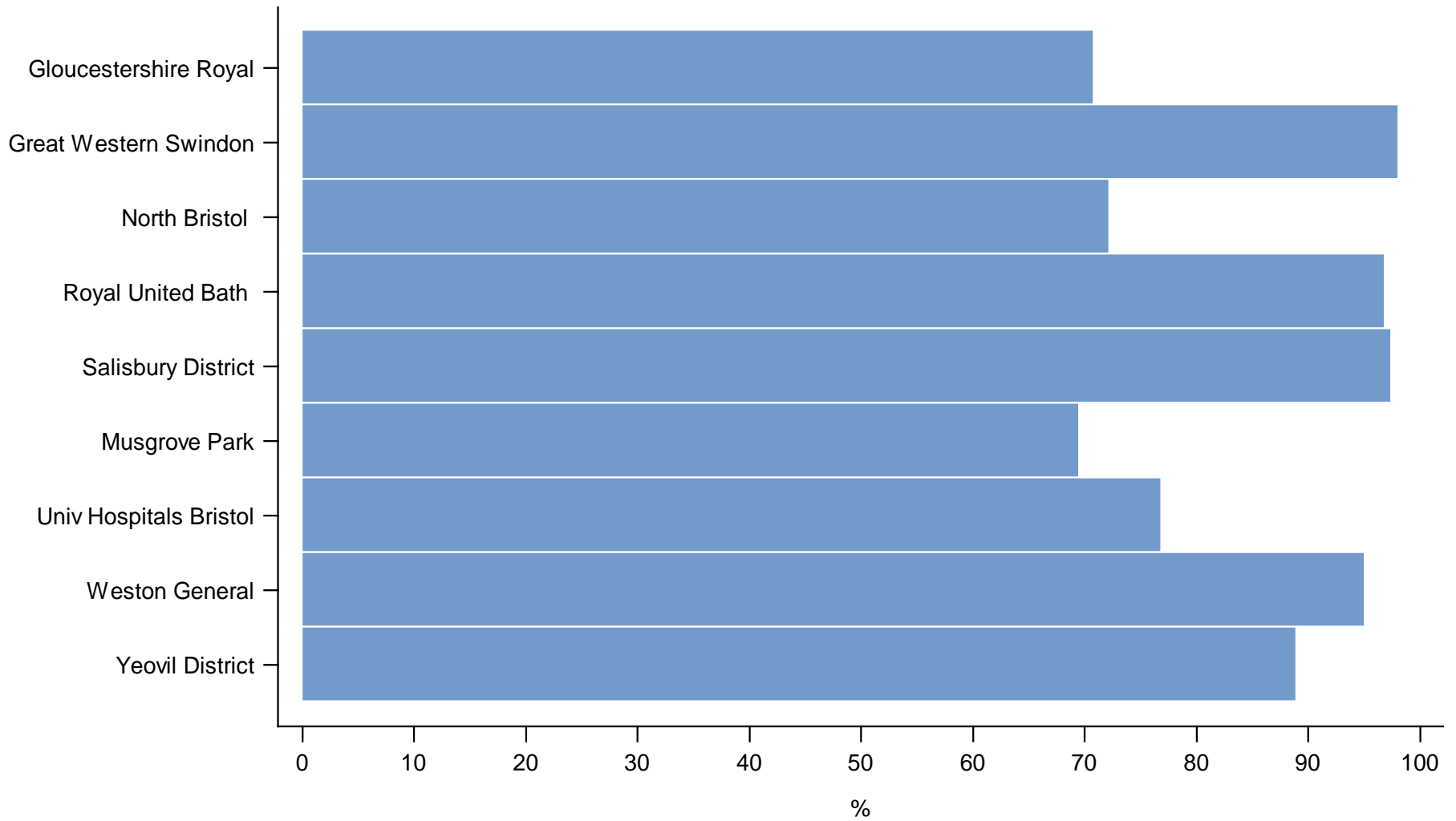# Nutrition screen and seen by Dietitian by discharge
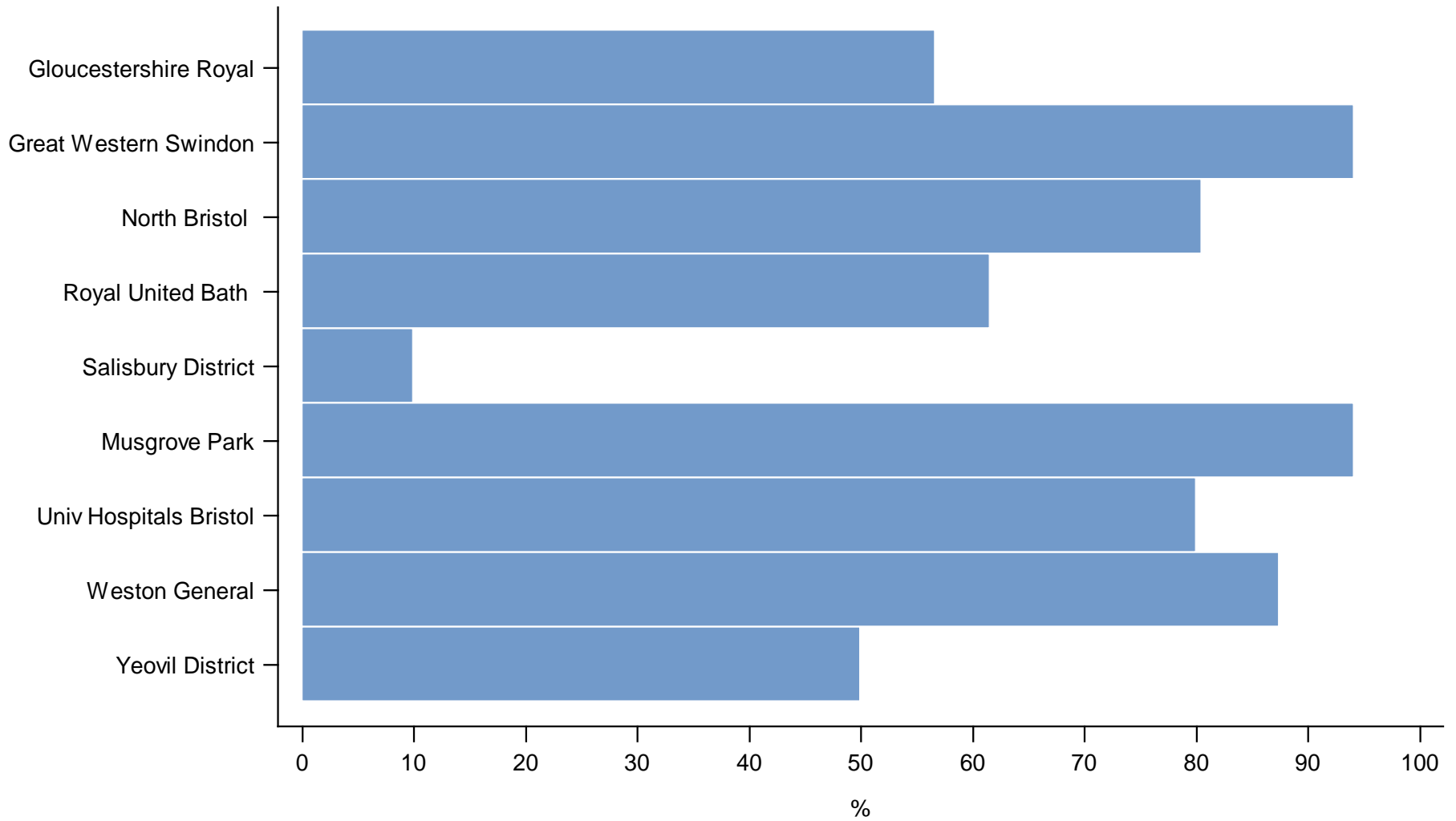
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 9.1A

West of England

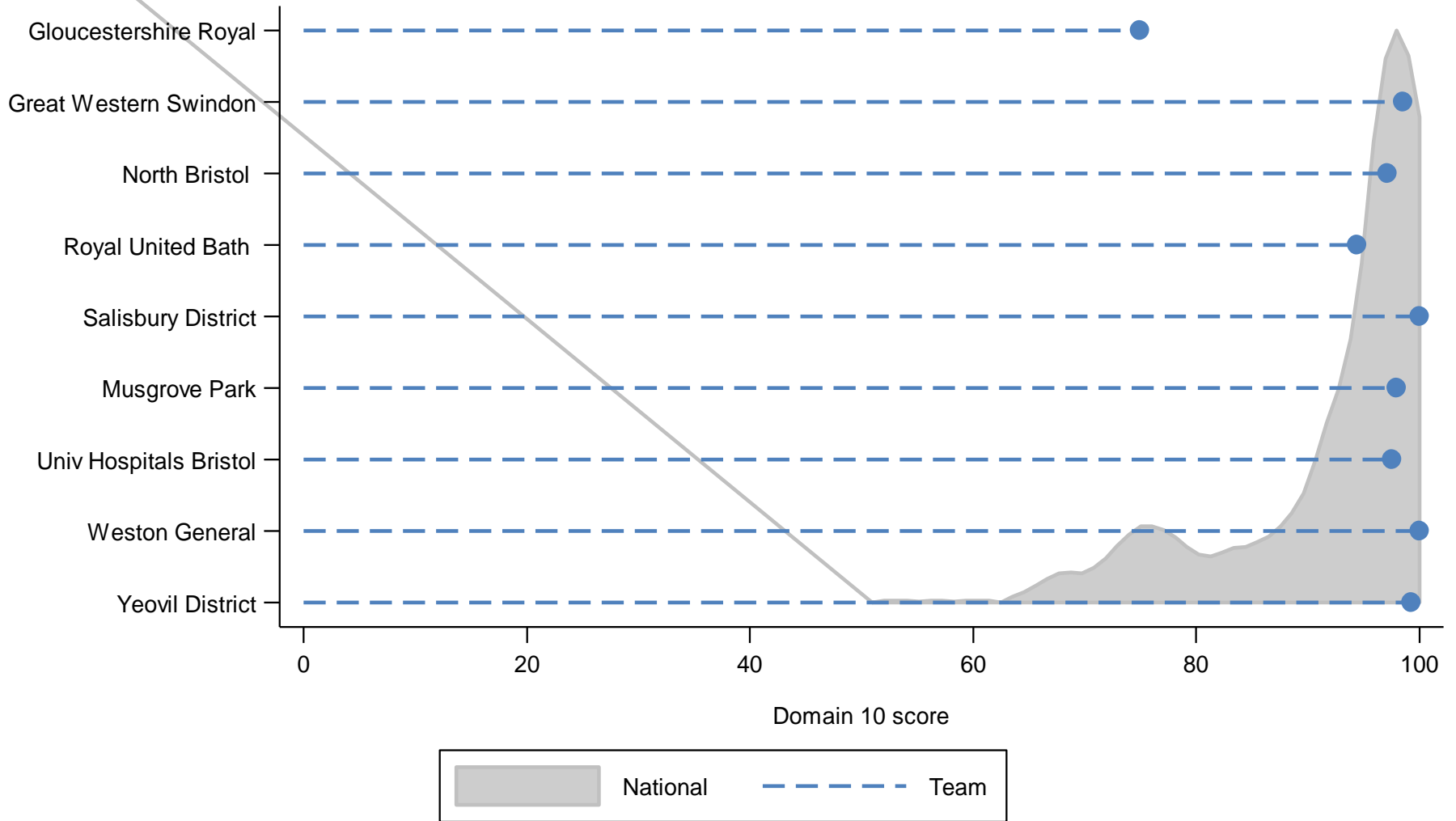# Continence plan within 3 weeks

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 9.2A

West of England
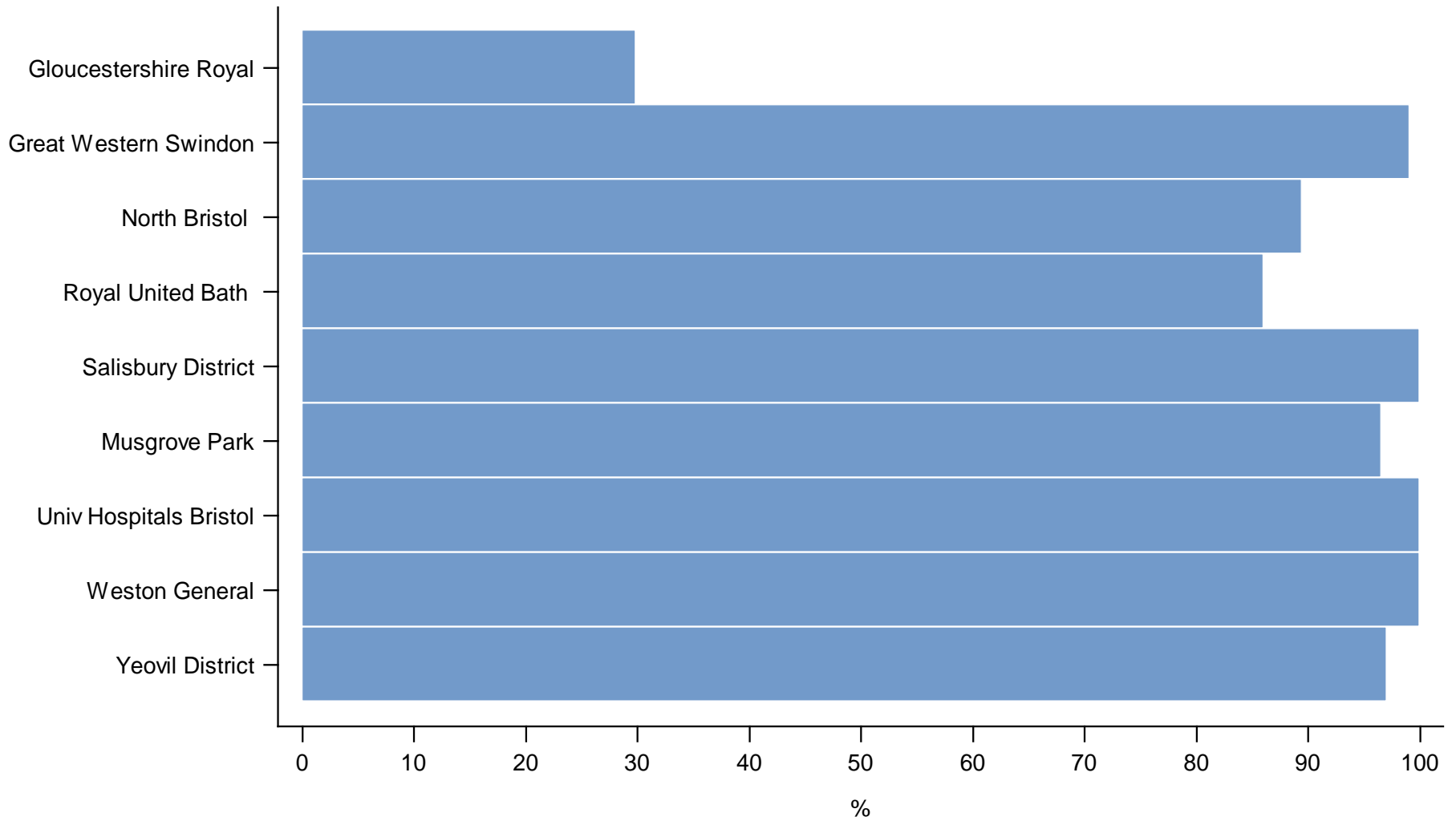
Mood and cognition screening by discharge

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 9.3A

West of England

Domain 10 - Discharge processes

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Domain 10

West of England
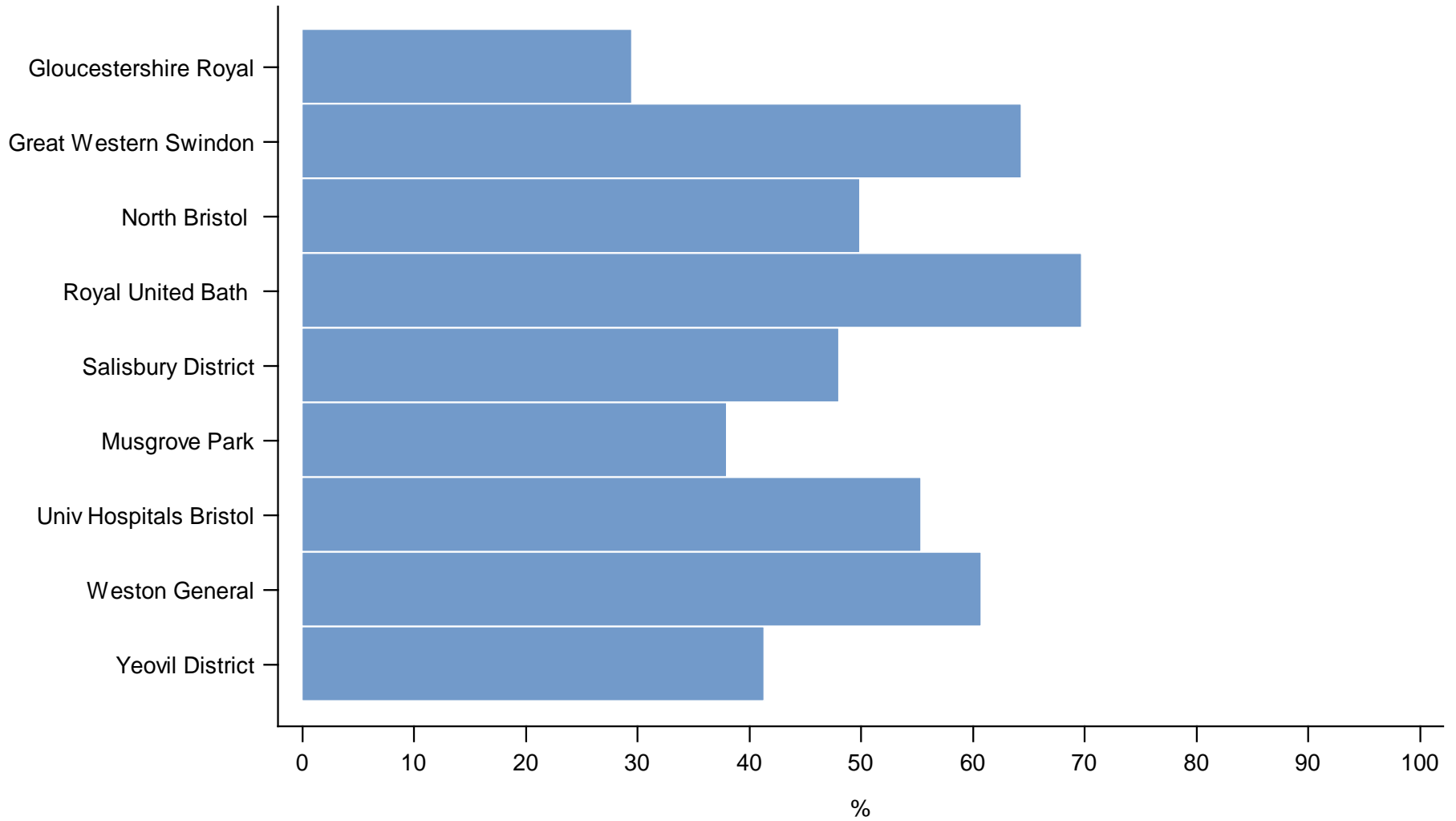
Joint health and social care plan by discharge

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 10.1A

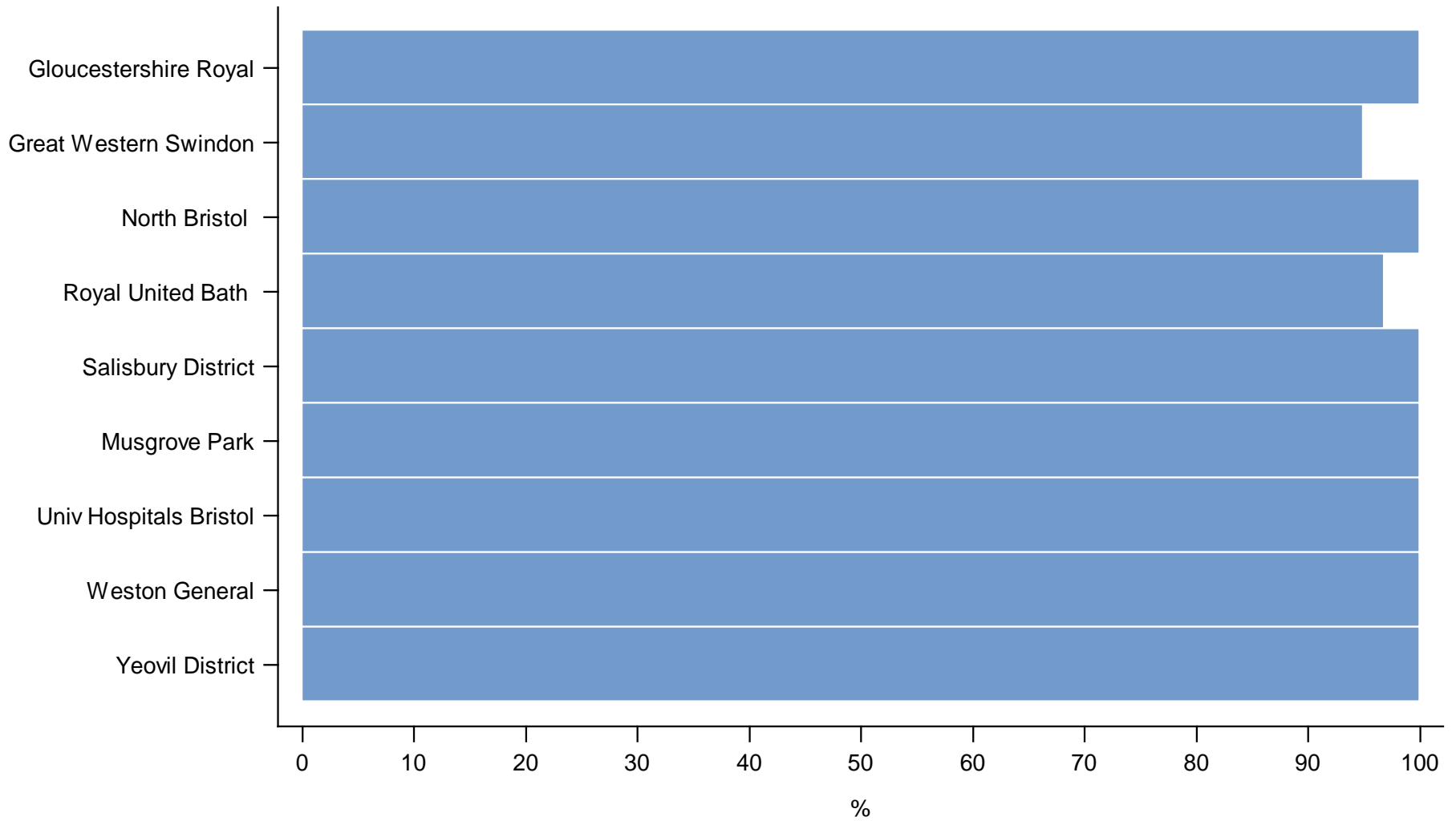West of England
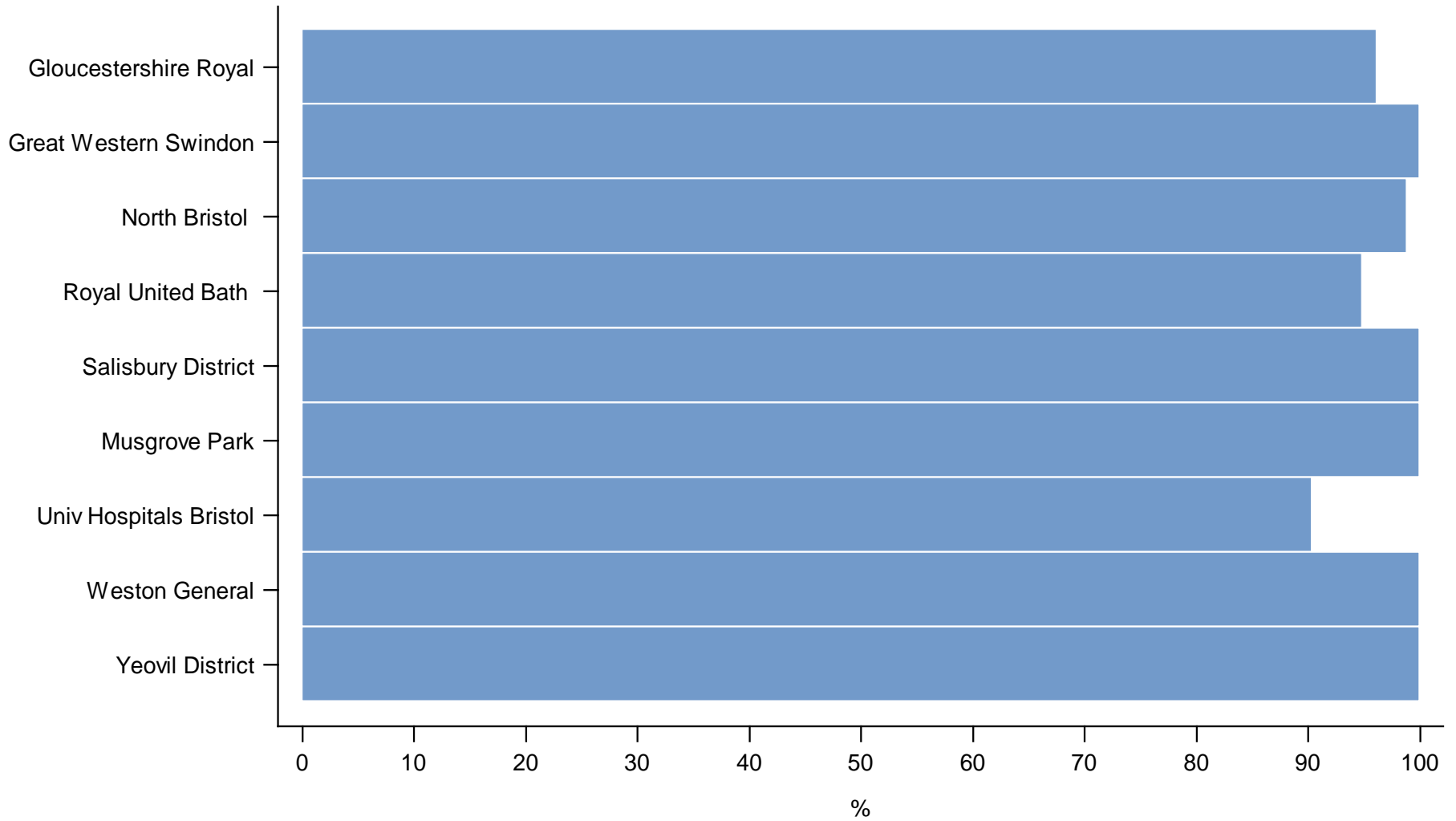
Discharged with stroke skilled ESD team

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 10.2A

West of England

If in Atrial Fibrillation discharged on anticoagulants
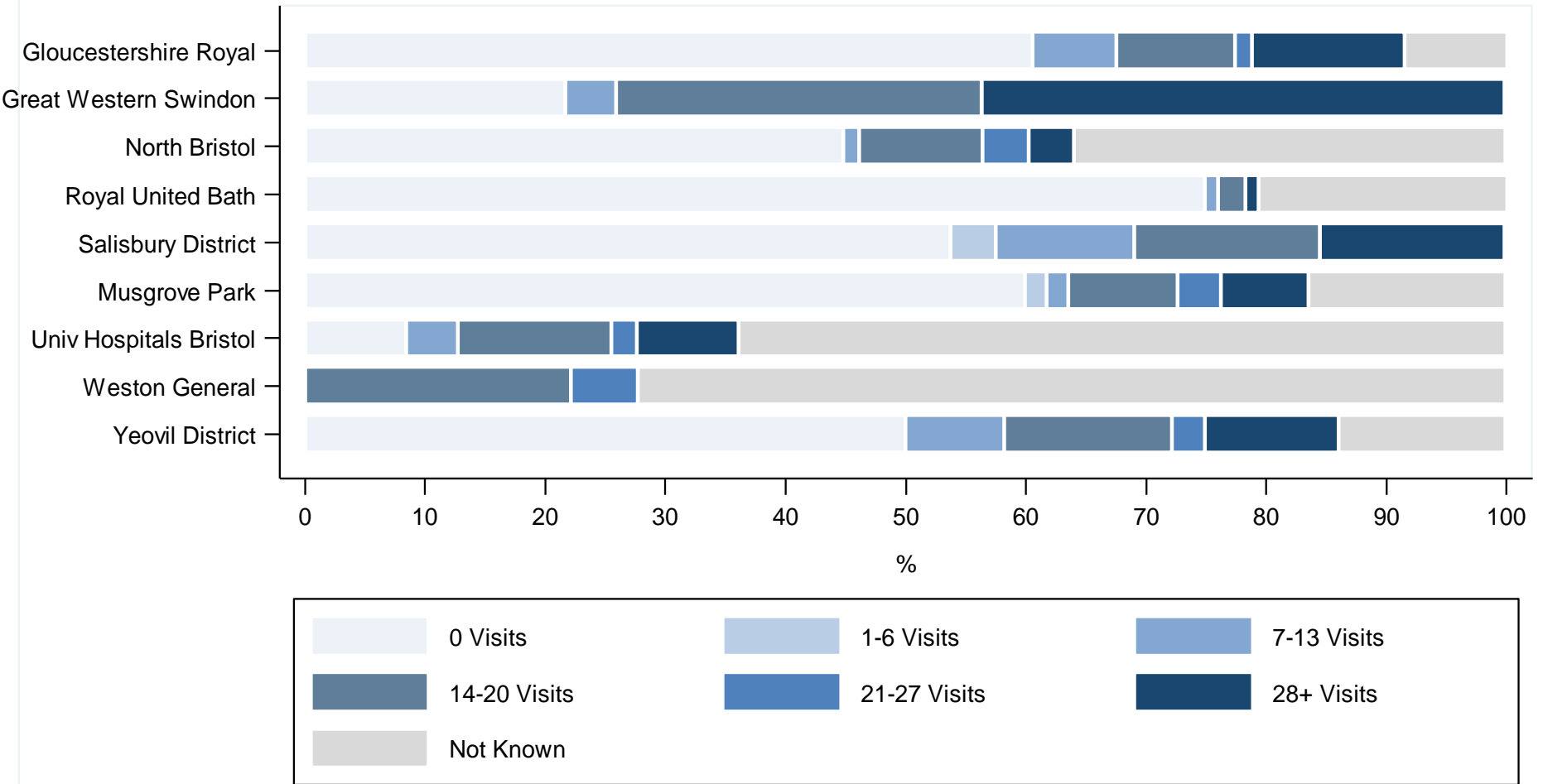

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 10.3A

West of England

Discharged with a named contact

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Key Indicator 10.4A

West of England

# If help required with activities of daily living, number of social service visits per week

Legend:
- 0 Visits
- 1-6 Visits
- 7-13 Visits
- 14-20 Visits
- 21-27 Visits
- 28+ Visits
- Not Known

X-axis: % (0 to 100)

Hospitals (y-axis):
- Gloucestershire Royal
- Great Western Swindon
- North Bristol
- Royal United Bath
- Salisbury District
- Musgrove Park
- Univ Hospitals Bristol
- Weston General
- Yeovil District

Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Item Reference J31.2-J31.15

West of England

If help required with activities of daily living, type of help received
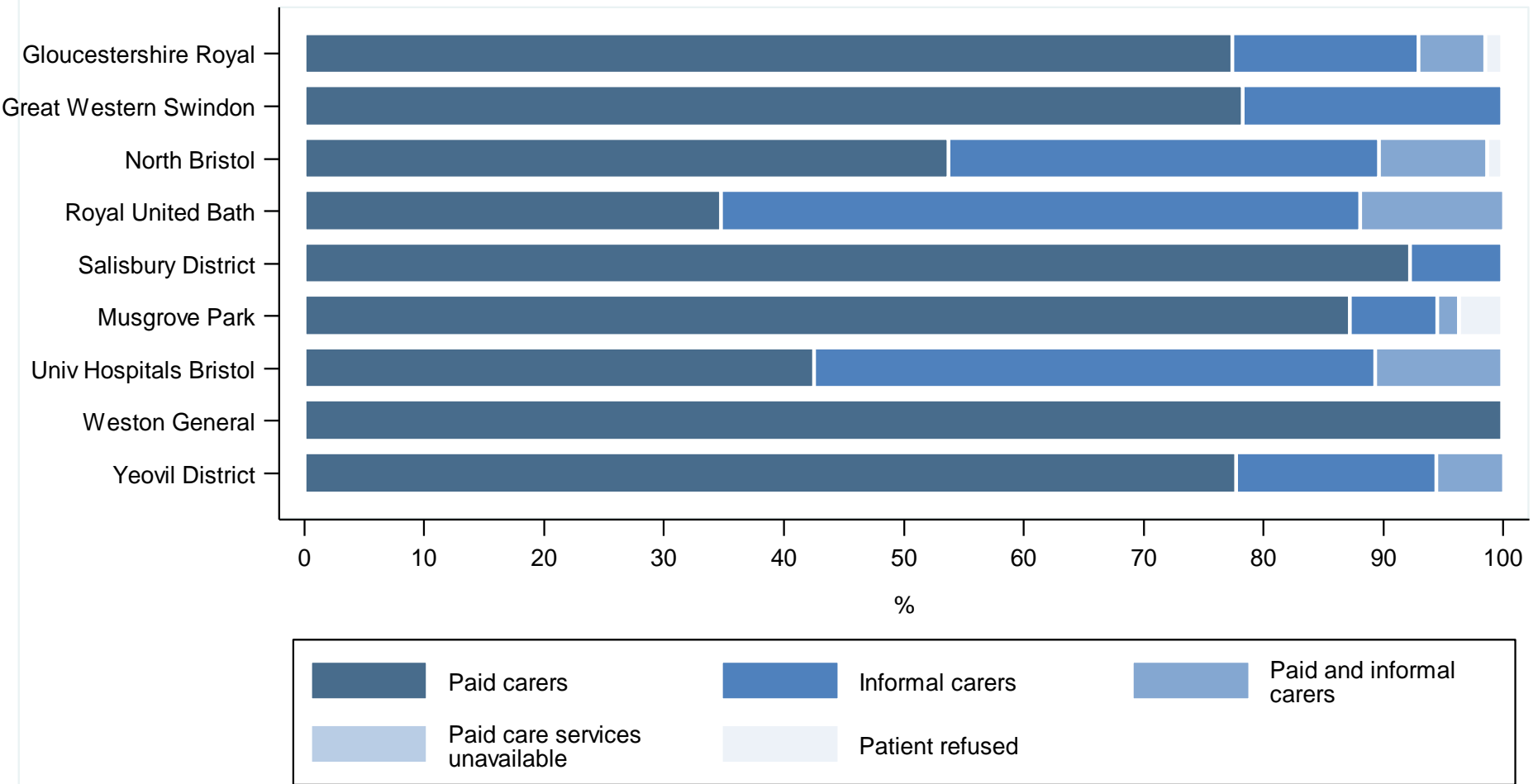
Source: SSNAP Apr-Jun 2022
Patient-centred results at team level for Item Reference J30.5-J30.14

West of England