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NATIONAL AUDIT OF DEMENTIA

National Audit of Dementia

Memory Assessment Services Spotlight Audit

Regional Report 2023/2024

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Contents

List of Figures and Tables

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Memory Assessment Services Spotlight Audit Background

This report presents data for participating regions in the National Audit of Dementia Memory Assessment Services Spotlight Audit 2023. As part of this audit, memory services were asked to collect data using two tools:

Casenote Audit

Each registered memory service was asked to submit information about the first 50 consecutive patients (up to a maximum of 100) seen for initial assessment from 01/01/2023.

Organisational Checklist

Services collected information at an organisational (service) level, relating to their organisational structure and provision at individual memory services or clinics. Firstly, services were asked to return the total number of patients completing the pathway to diagnosis between 1st January and 31st August 2023. Succeeding questions related to service accreditation and provision, research and young-onset dementia leads and the availability of onward referrals and post-diagnostic services. This data is presented in the appendices of this report.

Data comparison in this report

This report contains data for all regions that returned data for the casenote audit and organisational checklist. There were no submissions from services in Wales, therefore they are not included in tables and graphs. Comparisons shown in graphs are against the average for the Total National Sample *(TNS)* including all submitted casenotes. See Memory Assessment Services Spotlight Audit National Report 2023/2024 for the full report, including a service-level key metrics summary. Accessible casenote and organisational checklist audit datasets for regions in England are also available to view.

Please note: Please refer to the appendix tables for a full breakdown of data. All graph data within infographics are rounded and may not add to 100%

Participation Overview

Participating Trusts

| **4** out of 6 East of England | **8** out of 10 London | **10** out of 14 Midlands | **9** out of 12 North East & Yorkshire | **4** out of 8 North West | **7** out of 10 South East | **6** out of 8 South West | **0** out of 8 Wales |
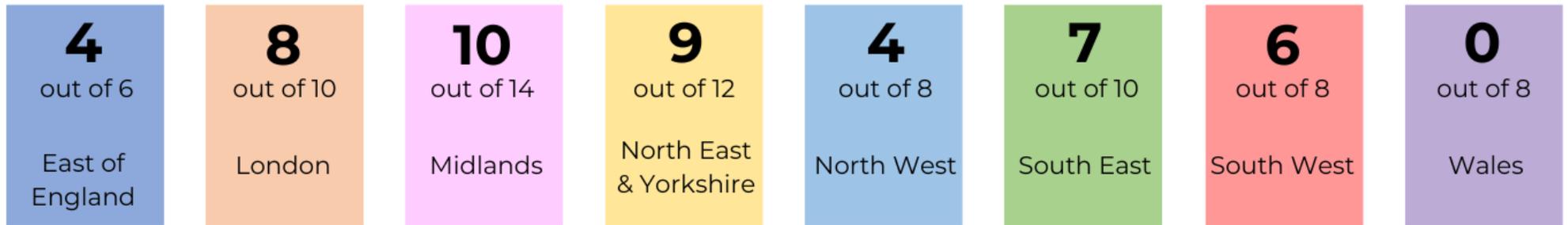
Figure 1: The number of participating services that completed the casenote audit and organisational checklist per region.

Participating Services per Region

Region	Value
East of England	10
London	24
Midlands	15
North East and Yorkshire	16
North West	24
South East	26
South West	10
Wales	0

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Sample Size Summary
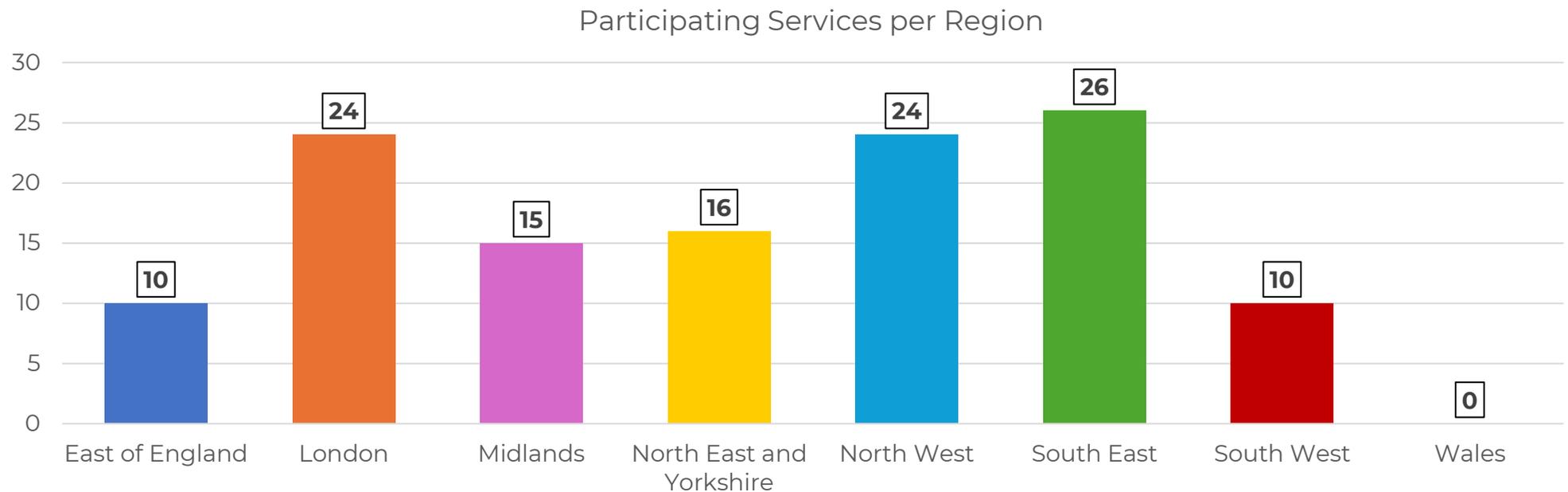
Casenote Audit Sample Size

548	1163	767	812	1059	1273	526	0
East of England	London	Midlands	North East & Yorkshire	North West	South East	South West	Wales

Organisational Checklist Returns

10	24	15	29	24	26	10	0
East of England	London	Midlands	North East & Yorkshire	North West	South East	South West	Wales

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Demographic Information for Patients Included in the Casenote Audit

Figure 2: Gender

0.1% of patients in the North West identified as non-binary.

Figure 3: Age

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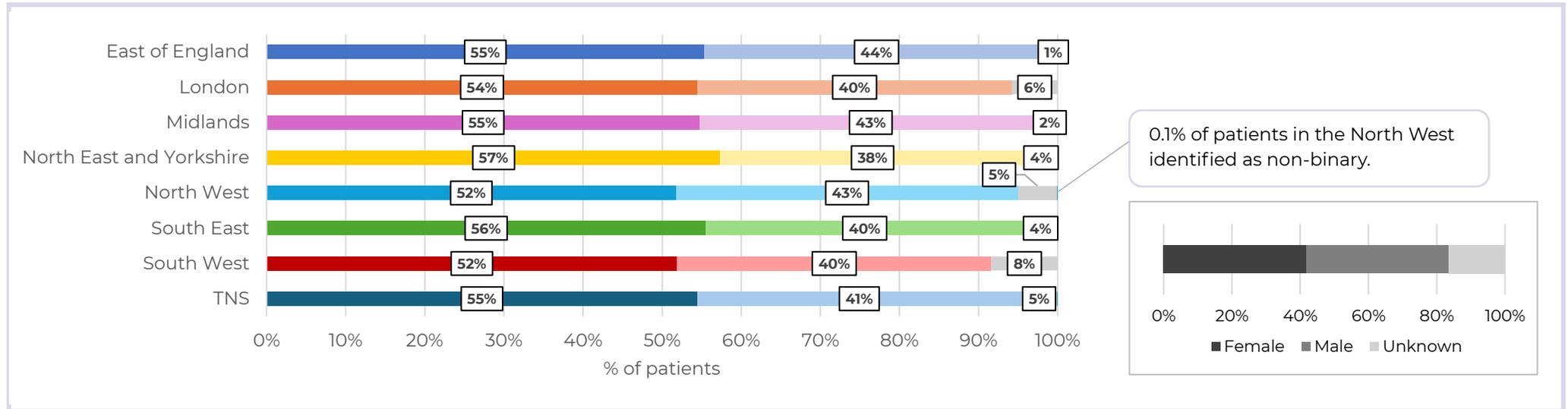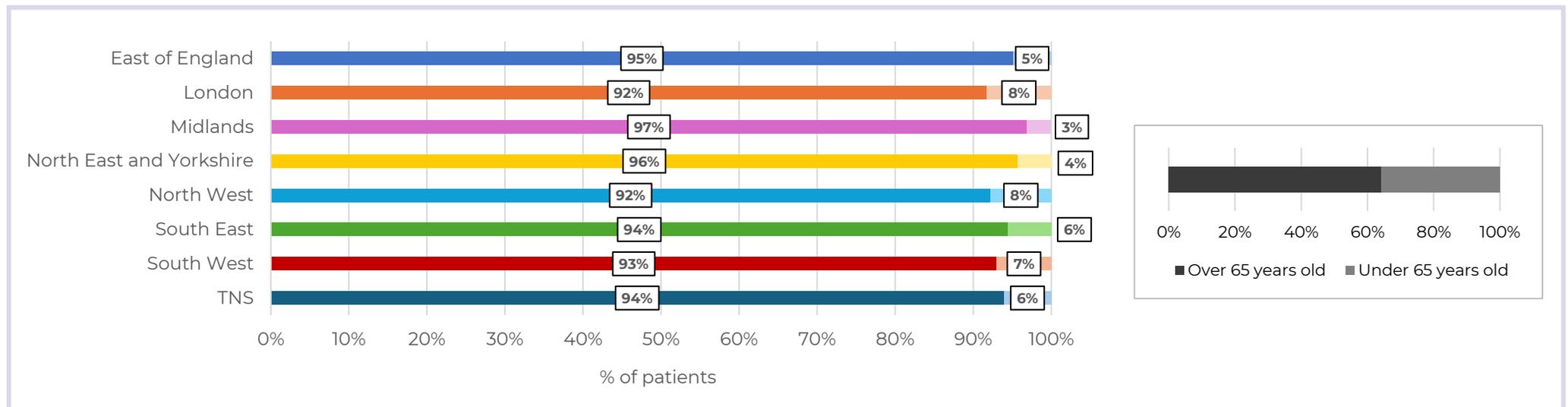
Figure 4: Ethnicity

Figure 5: First Language

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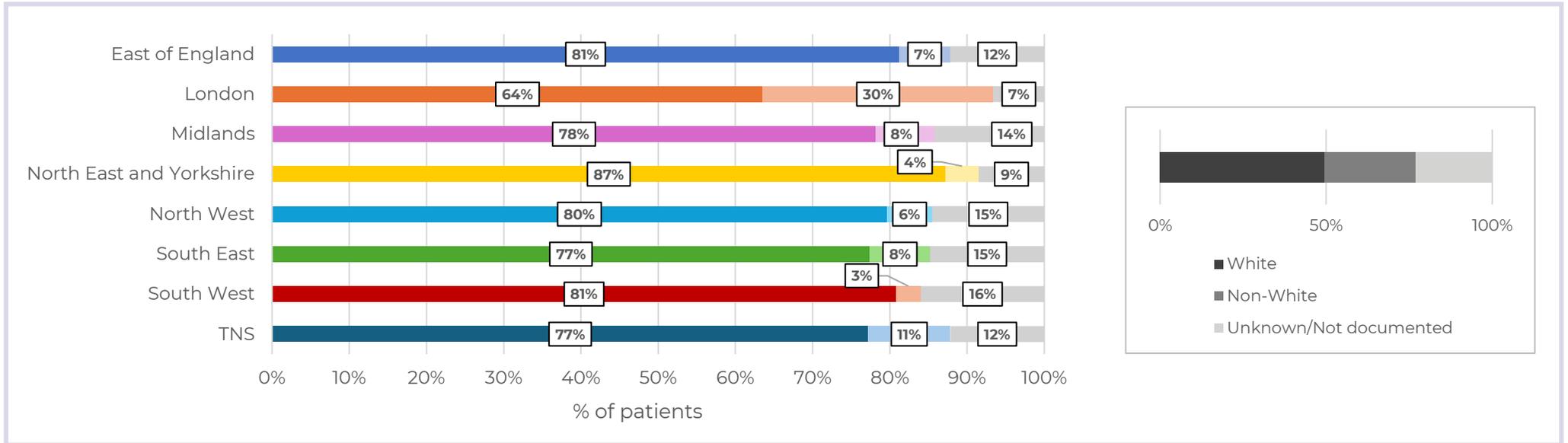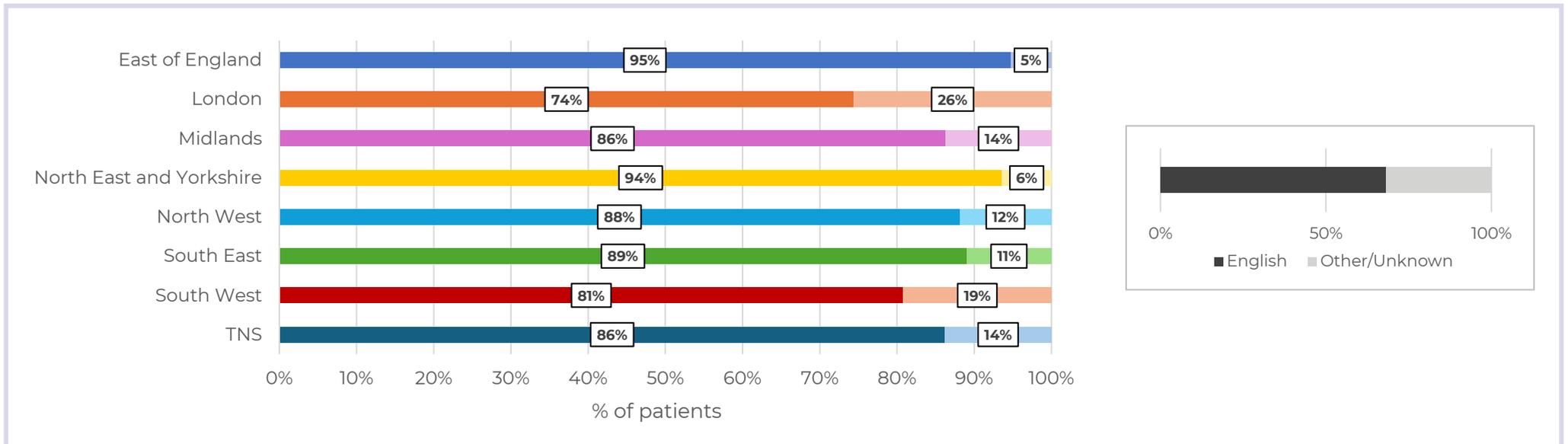
Access and Wait Times

Access Time

Access time refers to the time between the referral and the initial assessment appointment. Figure 6 shows the wide variation in mean access times at a regional level, from **54** - **119 days**.

Figure 6: The wait time in mean days from referral to the initial assessment appointment per region.

Access Time (Mean Days)

Region	Mean days
East of England	97
London	78
Midlands	119
North East and Yorkshire	115
North West	54
South East	91
South West	77
TNS	88

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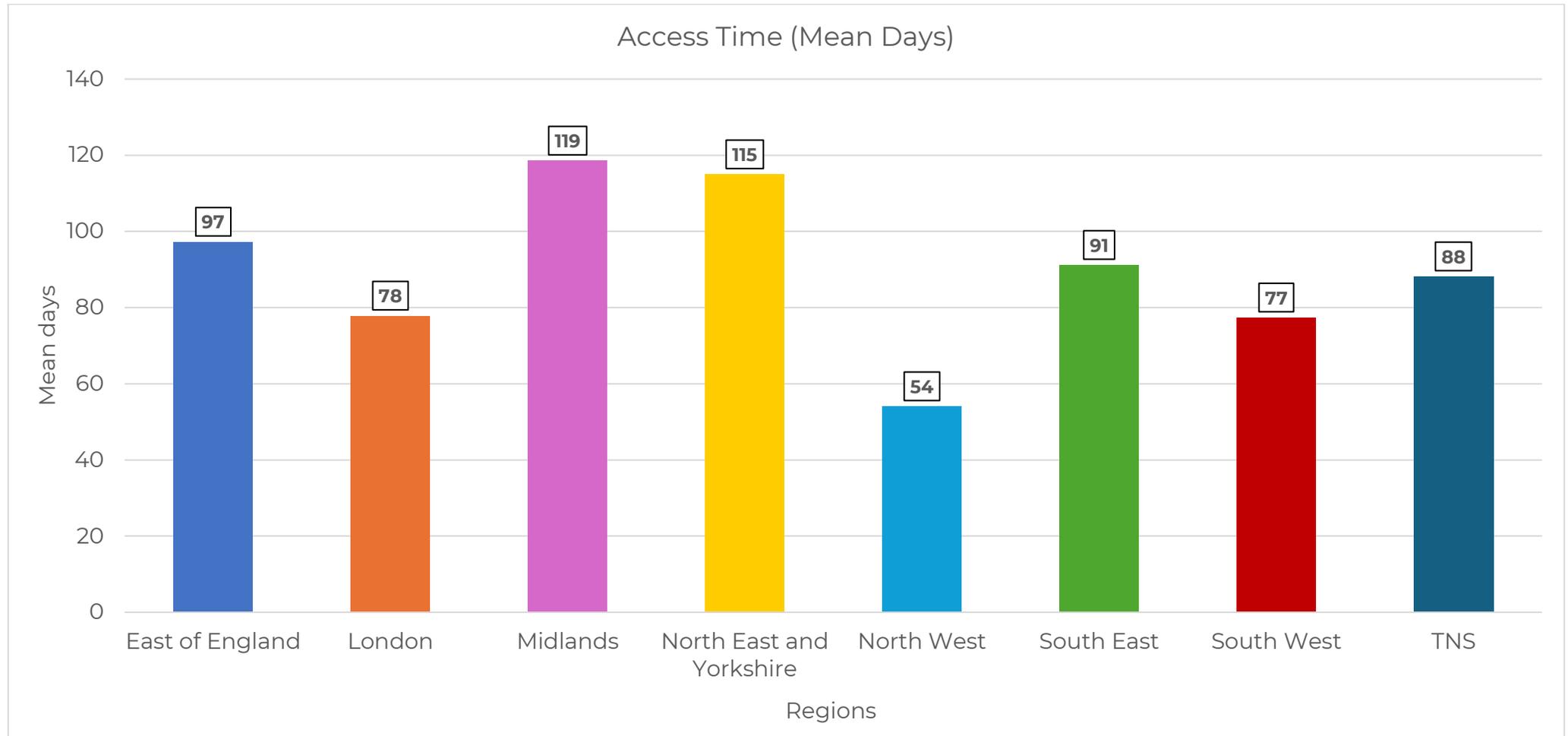
Diagnosis Wait Time

Diagnosis wait time refers to the time between the initial assessment appointment and the point a patient is diagnosed. Figure 7 shows the range of mean diagnosis wait times at a regional level, from **49** - **93 days**.

Figure 7: The wait time in mean days from the initial assessment appointment to the point a patient is diagnosed per region.

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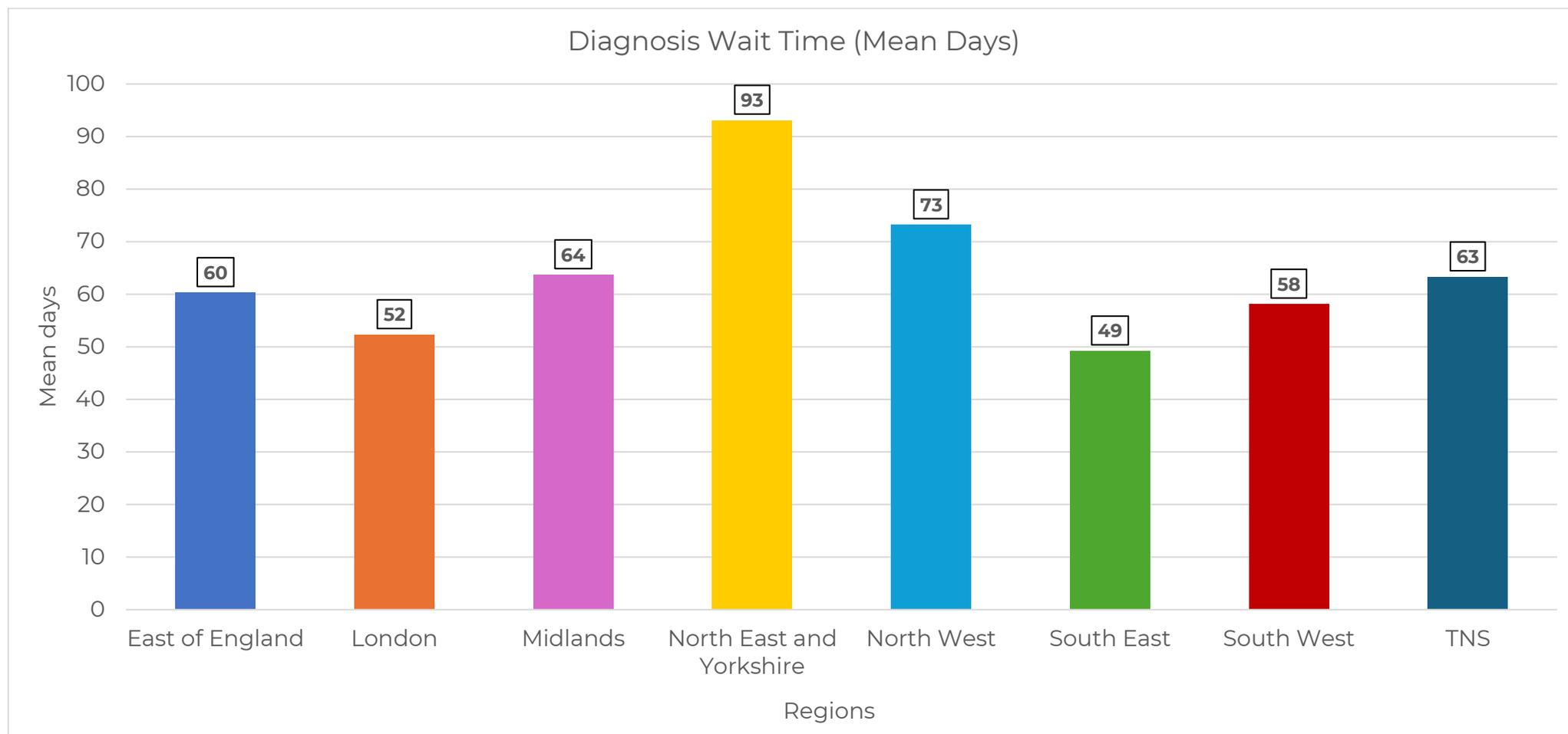
Overall Wait Time

Overall wait time refers to the time between referral and the point a patient is diagnosed. Figure 8 shows the wide variation in mean overall wait times at a regional level, from **127** - **208 days**.

Figure 8: The wait time in mean days from referral and the point a patient is diagnosed per region.

Overall Wait Time (Mean Days)

Region	Mean days
East of England	157
London	130
Midlands	182
North East and Yorkshire	208
North West	127
South East	140
South West	135
TNS	151

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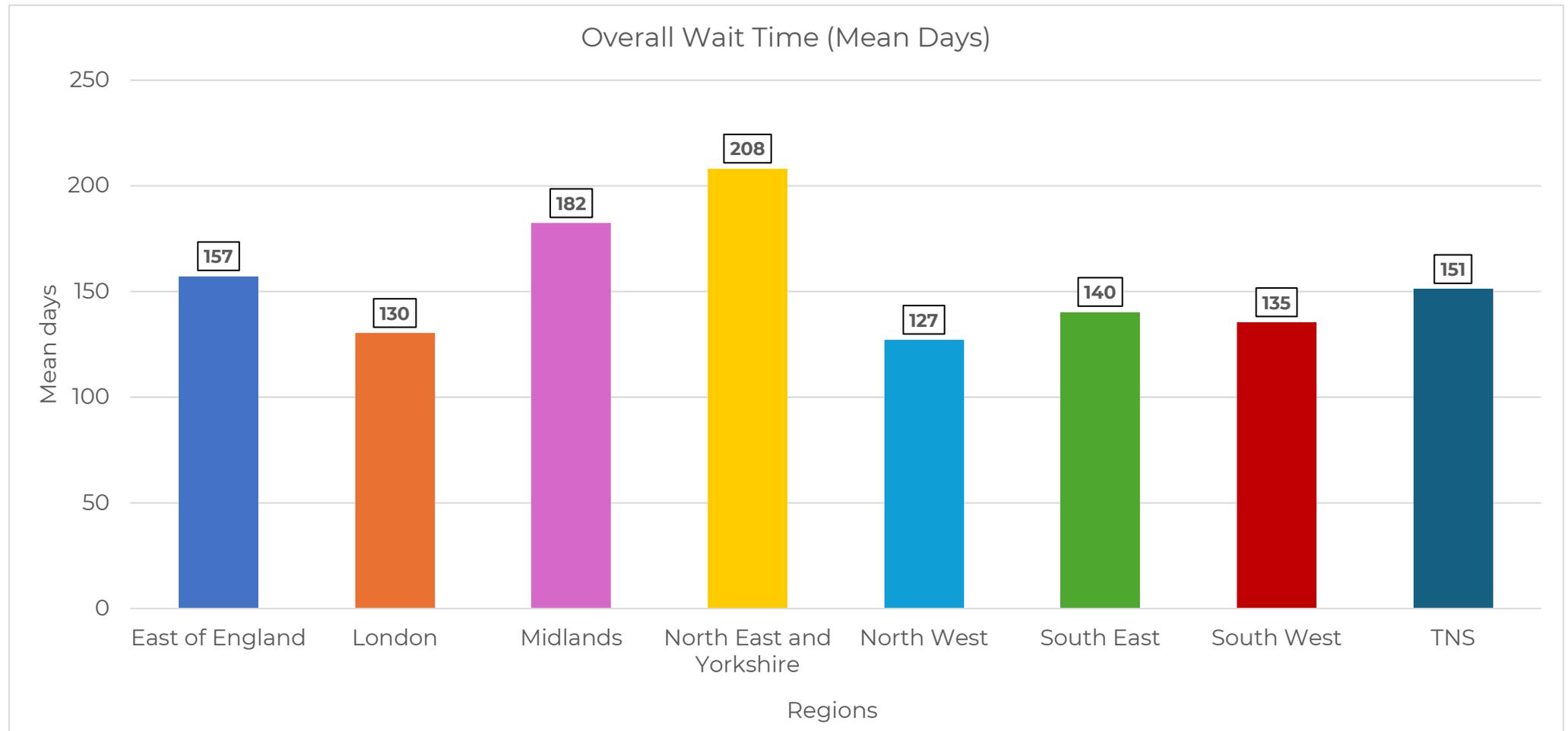
Overall Wait Time: Recommended Timeframe for Diagnosis

The national recommended timeframe for diagnosis from the point of referral is 6 weeks[1]. Figure 9 shows the percentage of patients who were diagnosed within 6 weeks of referral in each region, ranging from **4%** - **14%**.

Figure 9: % of patients diagnosed within 6 weeks of referral per region.

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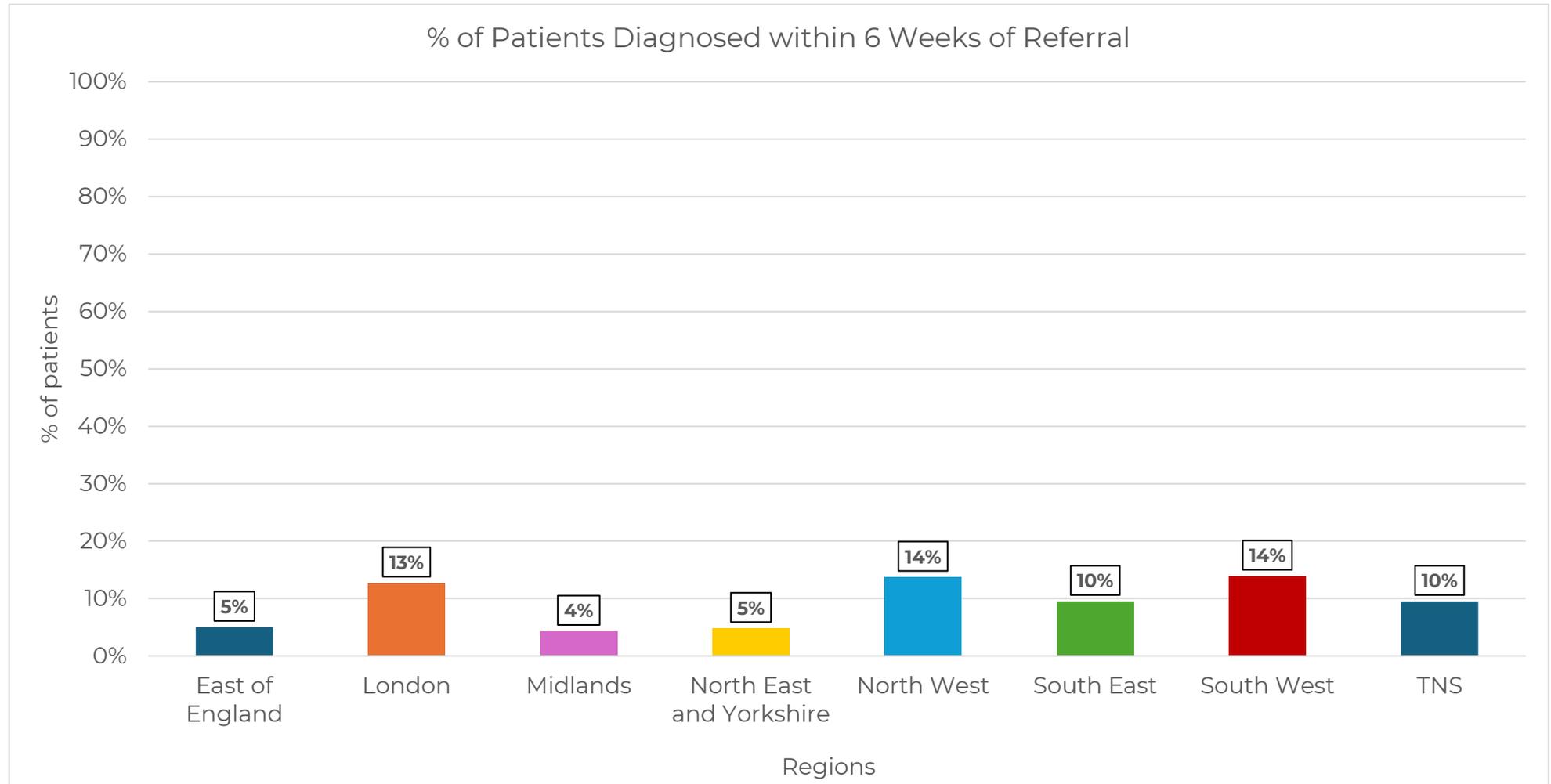
Physical Health Assessments

A review of physical health should be carried out as part of the initial assessment. Figure 10 shows the percentage of patients in each region who received all physical health assessments, ranging from **35% - 56%**.

*Figure 10: % of patients per region with **all** physical health assessments: discussion of eyesight/hearing, falls history taken and alcohol history taken.*

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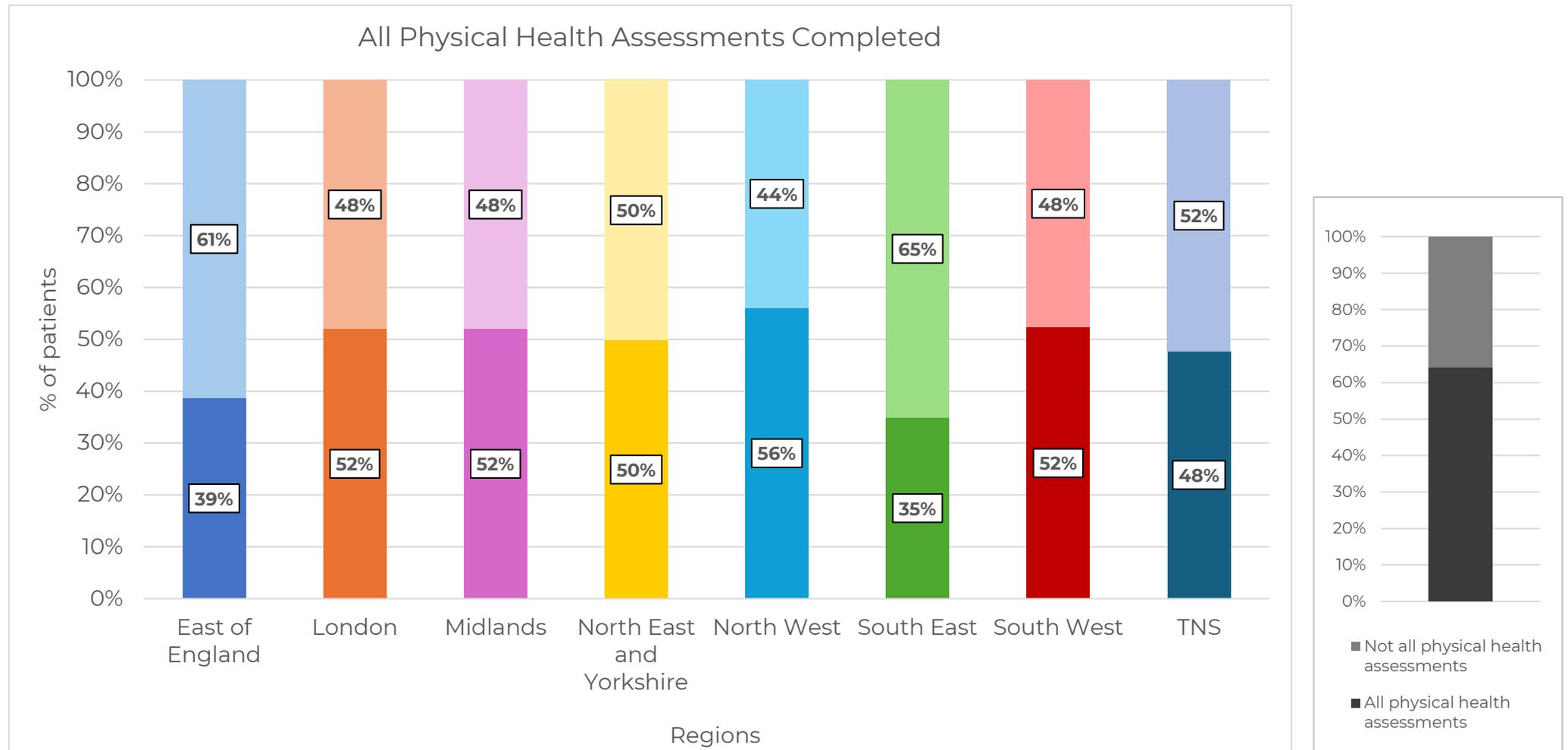
Figure 11: The proportion of patients receiving any physical health assessment: discussion of eyesight/hearing, falls history taken or alcohol history taken per region.

Any Routine Physical Health Assessment Completed

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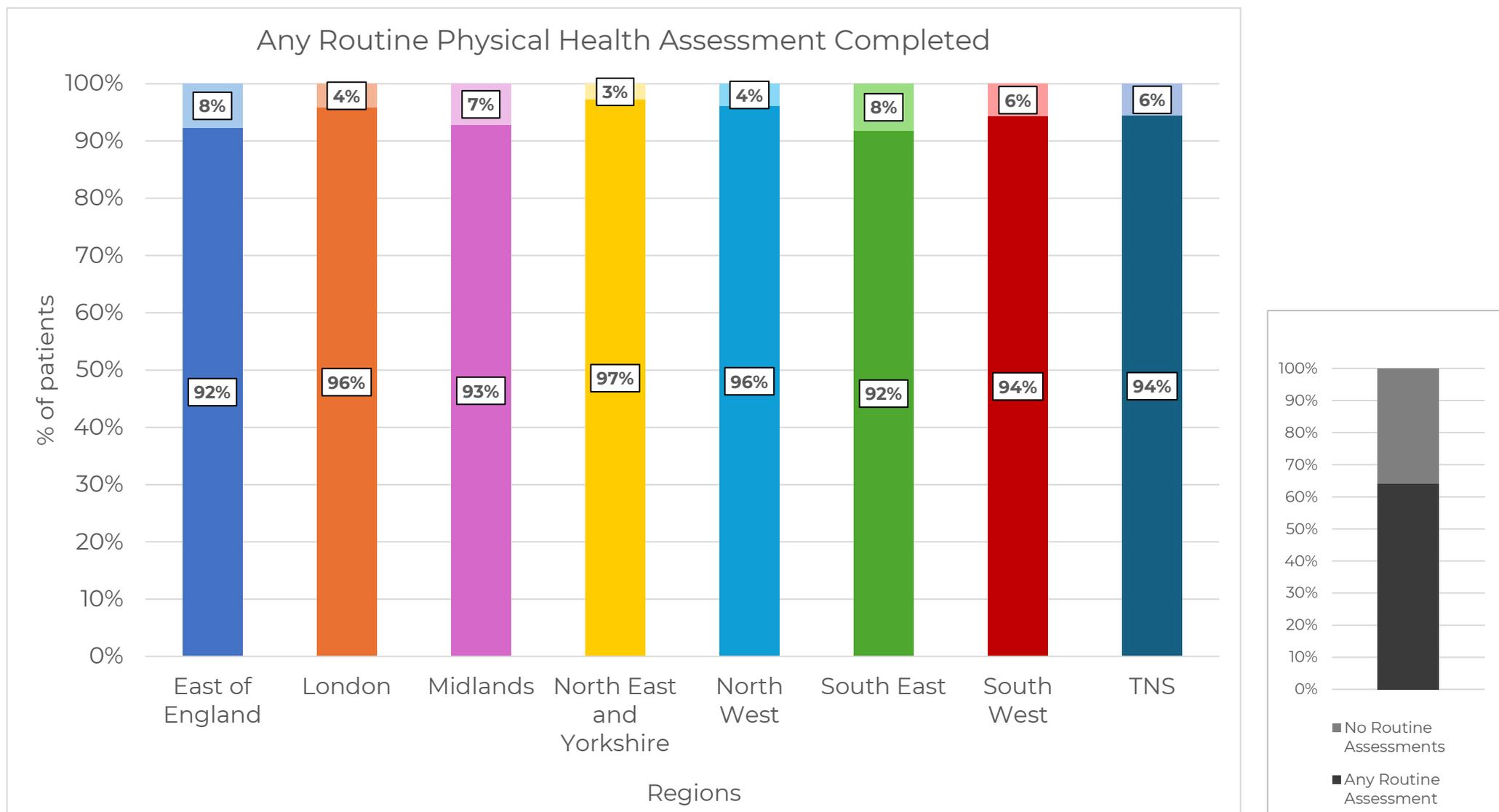
Neuroimaging

As part of the assessment, neuroimaging such as computed tomography (CT) or magnetic resonance imaging (MRI) scans may be offered. This should be requested based on clinical judgement. The most common reason why a scan had not been requested was that a scan had been performed previously. The most common reason scans were not performed was because the patient declined.

Figure 12: % of patients with brain scans performed, requested but not performed, and not requested per region.

Brain Scans Performed, Requested but Not Performed, and Not Requested

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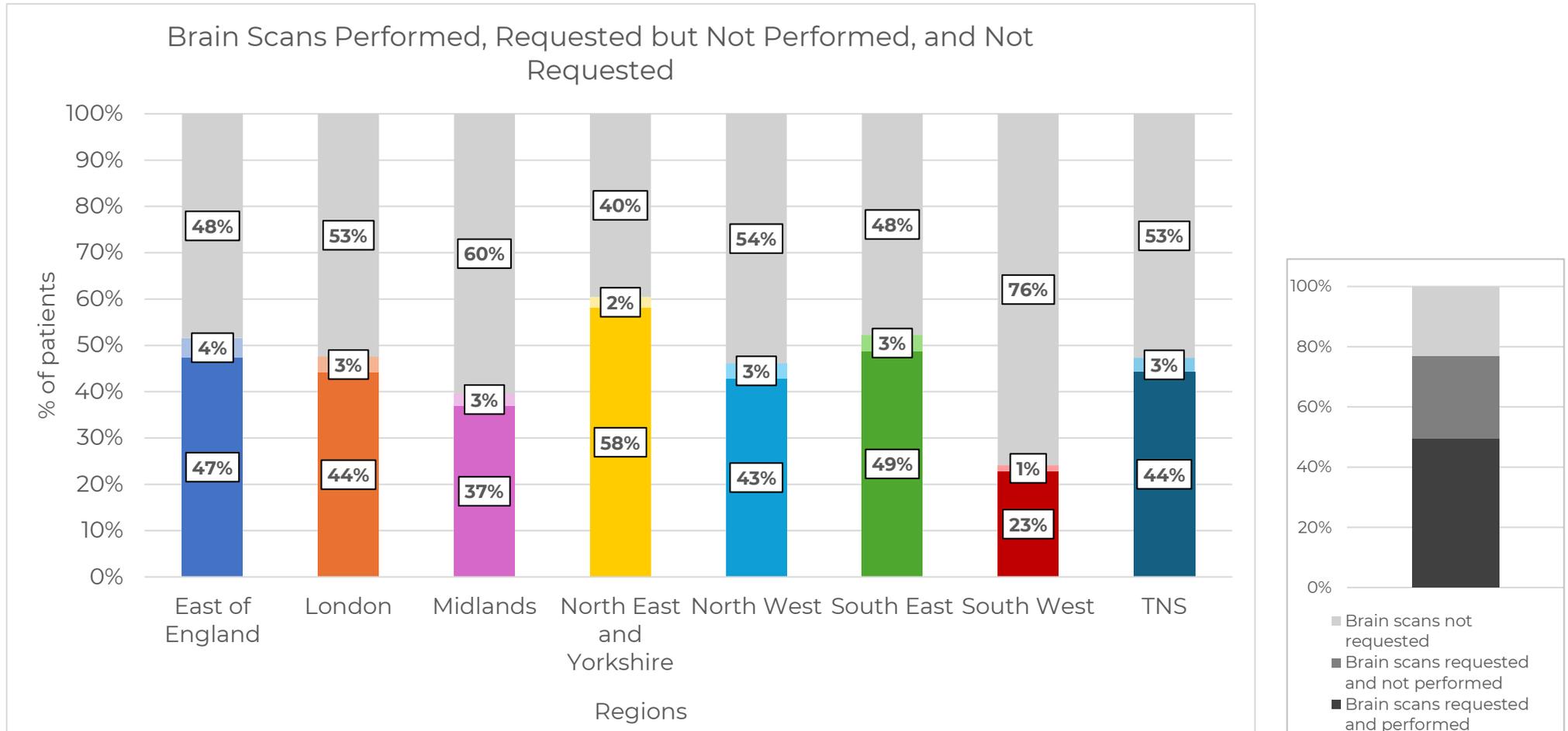
Figure 13: The wait time in mean days from brain scan requested to brain scan performed per region.

Wait Time from Brain Scan Requested to Brain Scan Performed (Mean Days)

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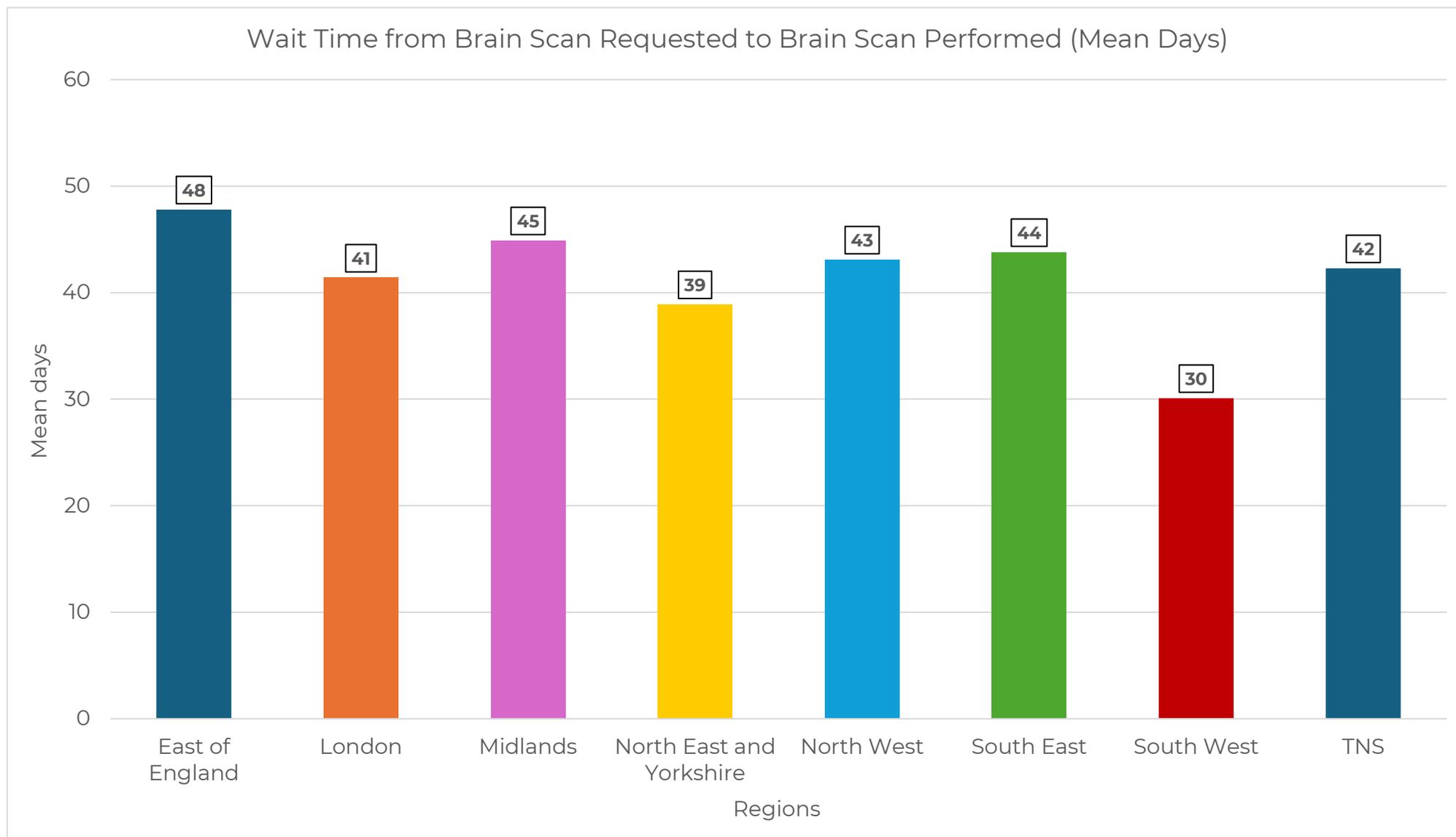
Diagnosis and Treatment

People diagnosed through a Memory Assessment Service have the right to timely and accurate diagnosis, to ensure that they receive appropriate treatment for their condition.

Figure 14: % or patients with any dementia diagnosis per region.

% of Patients with Any Dementia Diagnosis

Region	No dementia diagnosis	Any dementia diagnosis
East of England	32%	68%
London	32%	68%
Midlands	19%	82%
North East and Yorkshire	25%	75%
North West	34%	66%
South East	33%	67%
South West	27%	73%
TNS	30%	71%

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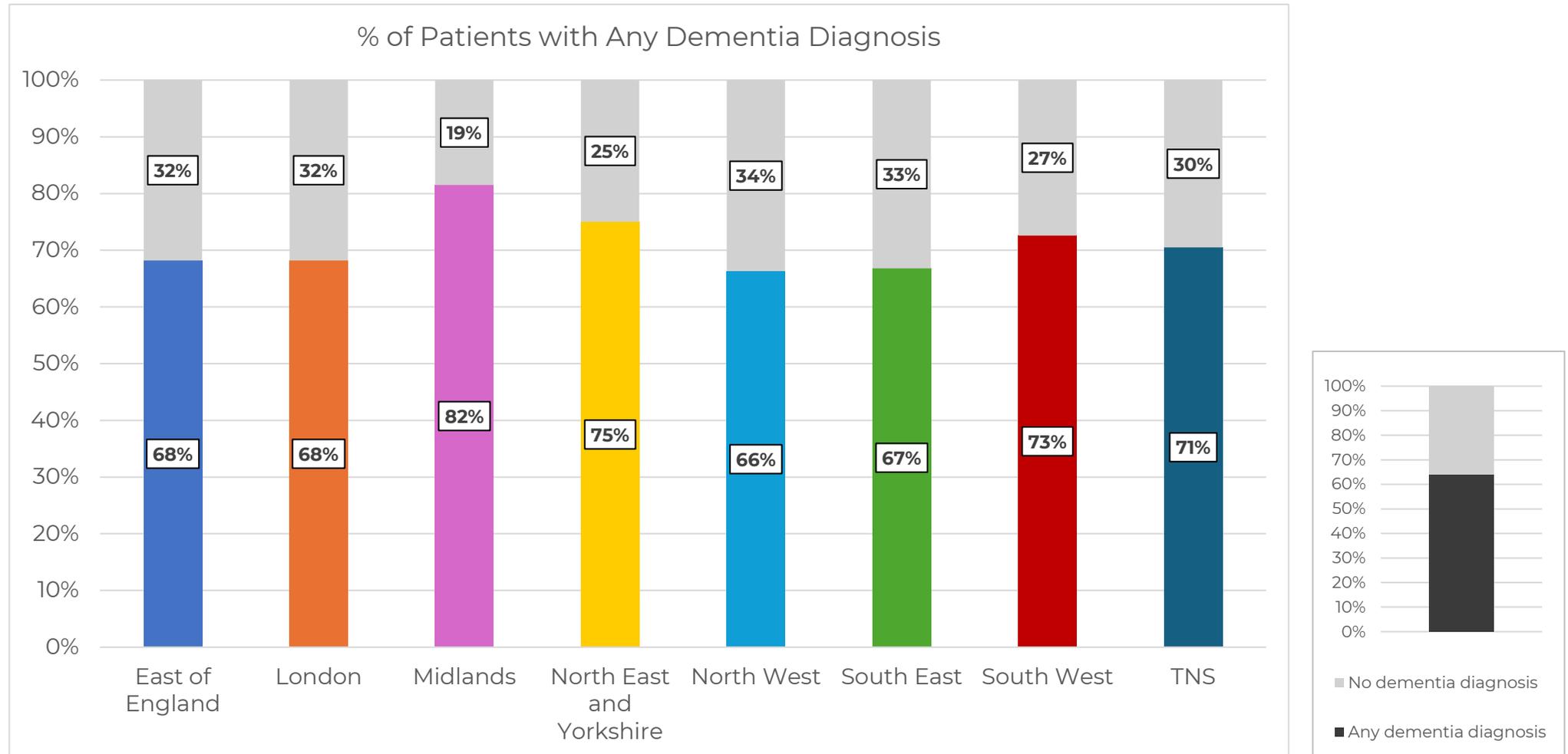
Diagnoses of Alzheimer's Disease and Mild Cognitive Impairment

Nationally, 30% of patients were diagnosed with Alzheimer's disease; between regions, this ranged from **21%** - **37%**. 17% of patients nationally were diagnosed with mild cognitive impairment (MCI), ranging from **9%** - **21%** between regions.

Figure 15: % diagnoses of Alzheimer's disease per region.
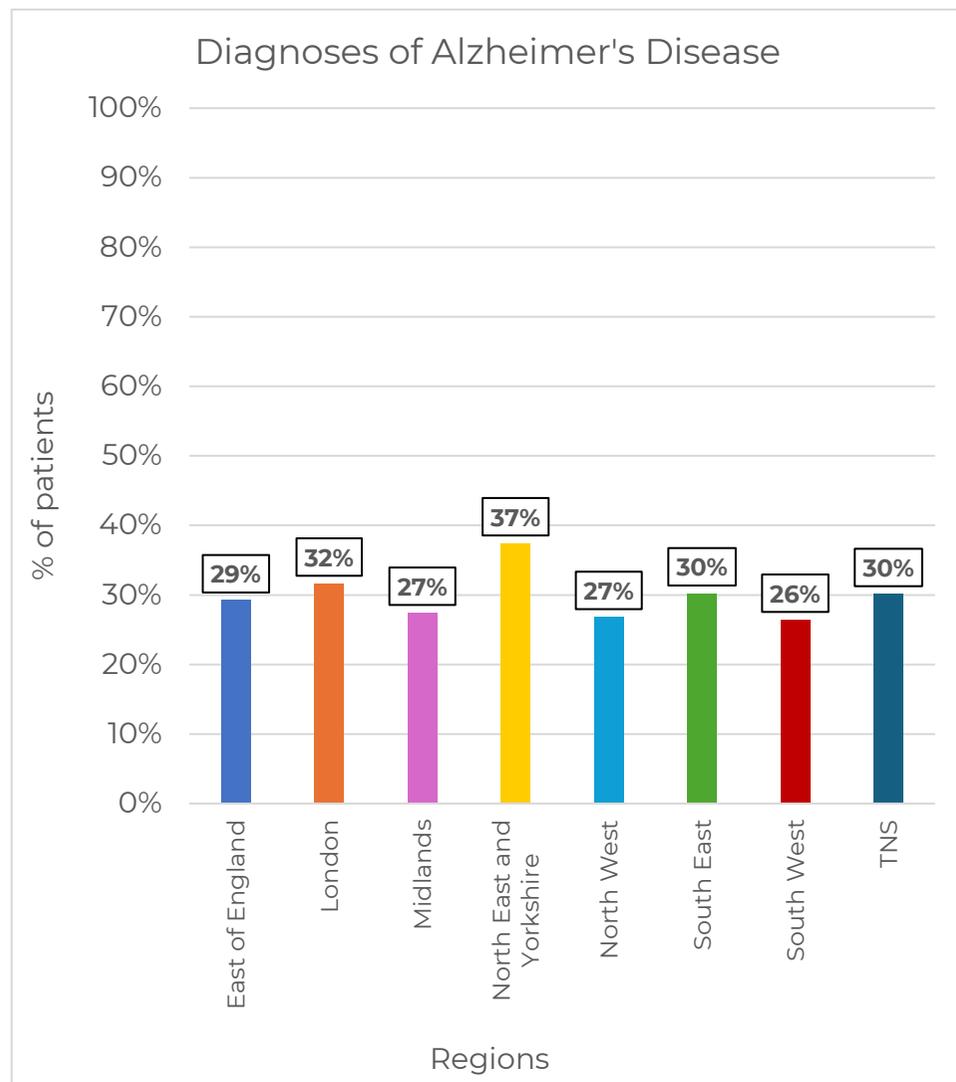
Figure 16: % of diagnoses of MCI per region.

Diagnoses of Alzheimer's Disease

% of patients — Regions

Region	%
East of England	29%
London	32%
Midlands	27%
North East and Yorkshire	37%
North West	27%
South East	30%
South West	26%
TNS	30%

Diagnoses of Mild Cognitive Imparirment

% of patients — Regions

Region	%
East of England	21%
London	16%
Midlands	9%
North East and Yorkshire	14%
North West	20%
South East	22%
South West	14%
TNS	17%

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Post-Diagnostic Support

The NICE guideline[2] recommends a variety of post-diagnostic interventions to ensure that people who have been diagnosed with dementia and their carers are supported in their onward treatment journey.

Figure 17: % of patients with dementia receiving post-diagnostic support per region.

% of Patients Receiving Post-Diagnostic Support

Region	Any post-diagnostic support	No post-diagnostic support
East of England	83%	17%
London	87%	13%
Midlands	85%	15%
North East and Yorkshire	88%	13%
North West	78%	23%
South East	80%	20%
South West	91%	9%
TNS	84%	16%

Legend:
- No post diagnostic support
- Any post-diagnostic support

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Figure 18: The percentage of patients with diagnosed dementia who were offered CST per region.

Offer of CST to Patients with Diagnosed Dementia

Legend:
- CST offer not recorded
- CST unavailable
- Received offer of CST

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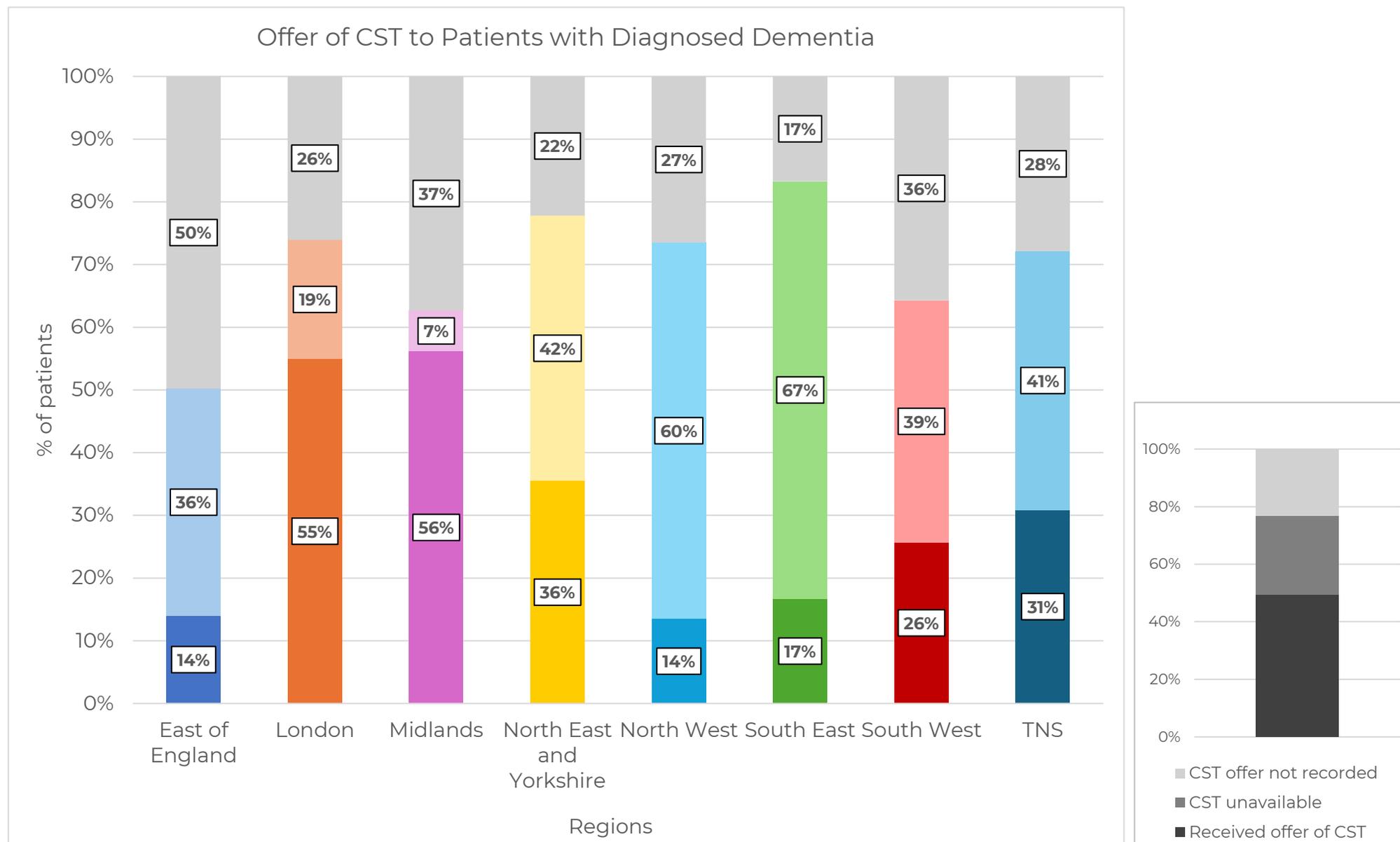
Deprivation Analysis

The Dementia Care Pathway highlights the need for commissioners of services to specifically address inequality risks and identify solutions[1].

In the casenote audit, we collected information about the areas in which patients live, at the level of Lower Super Output Area (LSOA). Lower-layer super output areas are small areas designed to be of a similar population size with an average of 1,500 residents.

The index of multiple deprivation (IMD) is an overall measure of deprivation calculated by ranking the 32,844 LSOAs in England from most to least deprived and dividing them into 10 equal groups. The IMD deciles range from 1 being the **most** deprived areas, and 10 being the **least** deprived areas nationally.

Table 1: Index of Multiple Deprivation decile by region

Region	IMD Decile Mean	IMD Decile Median	IMD Decile Mode
East of England	6.33	6	8
London	5.28	5	3
Midlands	5.67	6	8
North East and Yorkshire	5.16	5	1
North West	4.69	4	1
South East	7.22	8	10
South West	6.26	6	10
National	5.79	6	10

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Appendices

Demographics

Q1. Age	National MAS 2023 % (Num)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Under 65	6.1% (374)	4.9% (27)	8.3% (97)	3.1% (24)	4.3% (35)	7.8% (83)	5.6% (71)	7% (37)
65 and Over	93.9% (5774)	95.1% (521)	91.7% (1066)	96.9% (743)	95.7% (777)	92.2% (976)	94.4% (1202)	93% (489)
Range	35-102	44-98	35-101	38-99	47-100	35-102	35-101	42-100
Mean	79.7	79.7	79.2	80.8	80.0	78.9	80.4	79.1
Median	81	80	80	81	81	80	81	80
Q2. Sex	**National MAS 2023 % (Num)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Male	43% (2642)	44.3% (243)	41.5% (483)	43.7% (335)	40.8% (331)	45.2% (479)	42.7% (543)	43.3% (228)
Female	57% (3506)	55.7% (305)	58.5% (680)	56.3% (432)	59.2% (481)	54.8% (580)	57.3% (730)	56.7% (298)
Q3. Gender	**National MAS 2023 % (Num)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Male	41.1% (2524)	43.6% (239)	39.7% (462)	43.3% (332)	38.4% (312)	43.2% (458)	40.2% (512)	39.7% (209)
Female	54.5% (3349)	55.3% (303)	54.4% (633)	54.8% (420)	57.4% (466)	51.7% (548)	55.5% (706)	51.9% (273)
Non-binary/Other	0.02% (1)	0% (0)	0% (0)	0% (0)	0% (0)	0.1% (1)	0% (0)	0% (0)
Unknown/Not documented	4.5% (274)	1.1% (6)	5.8% (68)	2% (15)	4.2% (34)	4.9% (52)	4.3% (55)	8.4% (44)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Q4. Sexual orientation	National MAS 2023 % (Num)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Heterosexual/Straight	58.3 (3586)	60.9% (334)	68.1% (792)	67.1% (515)	68.2% (554)	48.4% (513)	51.3% (653)	42.8% (225)
Gay or lesbian	0.1% (7)	0.4% (2)	0.2% (2)	0.1% (1)	0% (0)	0% (0)	0.1% (1)	0.2% (1)
Bisexual	0.02% (1)	0% (0)	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Other sexual orientation	0.1% (9)	0.7% (4)	0.1% (1)	0.3% (2)	0% (0)	0.2% (2)	0% (0)	0% (0)
Unknown/Not documented	41.4% (2545)	38% (208)	31.6% (367)	32.5% (249)	31.8% (258)	51.4% (544)	48.6% (619)	57% (300)
Q5. Ethnicity	**National MAS 2023 % (Num)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Asian or Asian British	4.6% (282)	1.6% (9)	13.5% (157)	3.4% (26)	1.6% (13)	2.9% (31)	3.4% (43)	0.6% (3)
Black, African, Black British or Caribbean	2.7% (168)	0.5% (3)	10.1% (117)	1.8% (14)	0.4% (3)	1% (11)	1.3% (16)	0.8% (4)
Mixed or multiple ethnic groups	2% (121)	4.2% (23)	2.1% (24)	1% (8)	1.8% (15)	1% (11)	2.4% (30)	1.9% (10)
White	77.2% (4745)	81.2% (445)	63.5% (739)	78.2% (600)	87.2% (708)	79.6% (843)	77.4% (985)	80.8% (425)
Another ethnic group	1.4% (83)	0.2% (1)	4.2% (49)	1.3% (10)	0.5% (4)	0.8% (9)	0.8% (10)	0% (0)
Unknown/Not documented	12.2% (749)	12.2% (67)	6.6% (77)	14.2% (109)	8.5% (69)	14.5% (154)	14.8% (189)	16% (84)
Q6. Is English the patient's first language?	**National MAS 2023 % (Num)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes	86.2% (5297)	94.7% (519)	74.4% (865)	86.3% (662)	93.6% (760)	88.1% (933)	89% (1133)	80.8% (425)
No	7.9% (485)	3.1% (17)	23.7% (276)	3.4% (26)	3.3% (27)	4.4% (47)	5.3% (67)	4.8% (25)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

The patient is Welsh speaking	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Unknown/Not documented	6% (366)	2.2% (12)	1.9% (22)	10.3% (79)	3.1% (25)	7.5% (79)	5.7% (73)	14.4% (76)
Q7. Did the patient need an interpreter?	**National MAS 2023 % (Num)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes, provided by family member	1.4% (85)	0.4% (2)	3.6% (42)	0.9% (7)	1.1% (9)	0.5% (5)	1.4% (18)	0.4% (2)
Yes, provided by interpreter	3.1% (191)	0.9% (5)	10.5% (122)	1.6% (12)	0.6% (5)	2.8% (30)	0.8% (10)	1.3% (7)
No	94.1% (5784)	97.4% (534)	84.5% (983)	94.4% (724)	95.6% (776)	96% (1017)	97.2% (1237)	97.5% (513)
Unknown/Not documented	1.2% (75)	1.1% (6)	1.9% (22)	10.3% (79)	3.1% (25)	7.5% (79)	5.7% (73)	14.4% (76)
Interpreter not available/ service unable to provide	0.2% (13)	0.2% (1)	0.4% (5)	0.5% (4)	0% (0)	0% (0)	0.2% (3)	0% (0)
Q8. Does the patient live alone?	**National MAS 2023 % (Num)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes	34.2% (2103)	29.4% (161)	36% (419)	32.1% (246)	38.1% (309)	36.4% (386)	32% (407)	33.3% (175)
No	62.7% (3854)	67.3% (369)	62.3% (724)	62.2% (477)	59.1% (480)	60.7% (643)	64.7% (823)	64.3% (338)
Unknown	3.1% (191)	3.3% (18)	1.7% (20)	5.7% (44)	2.8% (23)	2.8% (30)	3.4% (43)	2.5% (13)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Referral

*Additional categories derived from comments when 'Other, please specify' was selected

Q10. Who was the patient referred by?	National MAS 2023 % (Num)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
GP	94.7% (5823/6148)	95.4% (523/548)	95.4% (1109/1163)	94% (721/767)	93% (755/812)	93.7% (992/1059)	96.4% (1227/1273)	94.3% (496/526)
CMHT	1.5% (95/6148)	1.3% (7/548)	2% (23/1163)	2.3% (18/767)	1.8% (15/812)	1.8% (19/1059)	0.5% (7/1273)	1.1% (6/526)
Acute Hospital	2.4% (145/6148)	2.2% (12/548)	1.5% (17/1163)	2.6% (20/767)	3.9% (32/812)	2.3% (24/1059)	1.7% (22/1273)	3.4% (18/526)
Day Hospital	0.4% (24/6148)	0.2% (1/548)	0.7% (8/1163)	0.4% (3/767)	0.2% (2/812)	0.3% (3/1059)	0.5% (6/1273)	0.2% (1/526)
Other	0.1% (3/6148)	0.2% (1/548)	0% (0/1163)	0% (0/767)	0% (0/812)	0% (0/1059)	0.2% (2/1273)	0% (0/526)
Self-referral*	0.2% (11/6148)	0.4% (2/548)	0.3% (3/1163)	0% (0/767)	0.1% (1/812)	0.2% (2/1059)	0.1% (1/1273)	0.4% (2/526)
Social*	0.2% (12/6148)	0% (0/548)	0.1% (1/1163)	0.4% (3/767)	0.2% (2/812)	0.3% (3/1059)	0.2% (3/1273)	0% (0/526)
Care/ Rehabilitation*	0.5% (28/6148)	0% (0/548)	0.1% (1/1163)	0.1% (1/767)	0.6% (5/812)	1.4% (15/1059)	0.3% (4/1273)	0.4% (2/526)
Memory Services Recall*	0.1% (6/6148)	0.4% (2/548)	0.1% (1/1163)	0.1% (1/767)	0% (0/812)	0% (0/1059)	0.1% (1/1273)	0.2% (1/526)
Unknown*	0.1% (1/6148)	0% (0/548)	0% (0/1163)	0% (0/767)	0% (0/812)	0.1% (1/1059)	0% (0/1273)	0% (0/526)
Access Time (Referral to Initial Assessment)	**National MAS 2023 % (Num)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Up to 7 days	2.3% (139/6148)	0.9% (5/548)	1.7% (20/1163)	1.4% (11/767)	2.5% (20/812)	5% (53/1059)	1.6% (21/1273)	1.7% (9/526)
8 to 14 days	4% (248/6148)	1.8% (10/548)	3.6% (42/1163)	1.4% (11/767)	3.8% (31/812)	9.4% (100/1059)	2.8% (36/1273)	3.4% (18/526)
15 to 21 days	5.7% (351/6148)	3.5% (19/548)	4.1% (48/1163)	2.7% (21/767)	6.2% (50/812)	9.3% (98/1059)	4.9% (63/1273)	9.9% (52/526)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

	National MAS 2023 % (Num)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
22 to 28 days	6.3% (389/6148)	3.6% (20/548)	5.8% (68/1163)	2.7% (21/767)	5% (41/812)	12.2% (129/1059)	4.6% (59/1273)	9.7% (51/526)
29 to 35 days	6.4% (394/6148)	3.6% (20/548)	5.9% (69/1163)	3.4% (26/767)	4.1% (33/812)	11.9% (126/1059)	5.1% (65/1273)	10.5% (55/526)
36 to 70 days	24.8% (1527/6148)	27.9% (153/548)	31.6% (368/1163)	17.7% (136/767)	16% (130/812)	30% (318/1059)	23.5% (299/1273)	23.4% (123/526)
71 to 140 days	31.9% (1962/6148)	35.4% (194/548)	37.1% (431/1163)	34.6% (265/767)	34% (276/812)	15.8% (167/1059)	38.8% (494/1273)	25.7% (135/526)
141 to 210 days	13.3% (815/6148)	17.7% (97/548)	8% (93/1163)	26.9% (206/767)	15.8% (128/812)	3.6% (38/1059)	14.7% (187/1273)	12.5% (66/526)
211 to 280 days	3.1%(192/6148)	4.6% (25/548)	1.5% (17/1163)	7.3% (56/767)	2.8% (23/812)	1.8% (19/1059)	3.1% (40/1273)	2.3% (12/526)
281 to 364 days	1.4% (89/6148)	0.9% (5/548)	0.2% (2/1163)	0.7% (5/767)	7.8% (63/812)	0.8% (8/1059)	0.3% (4/1273)	0.4% (2/526)
More than a year	0.7% (42/6148)	0% (0/548)	0.4% (5/1163)	1.2% (9/767)	2.1% (17/812)	0.3% (3/1059)	0.4% (5/1273)	0.6% (3/526)
Up to 6 weeks	31.1% (1912/6148)	18.6% (102/548)	26.9% (313/1163)	15.6% (120/767)	26.1% (212/812)	59.6% (631/1059)	25.4% (323/1273)	40.1% (211/526)
6-18 weeks	45.8% (2817/6148)	53.1% (291/548)	57.9% (673/1163)	43.5% (334/767)	40.5% (329/812)	32.5% (344/1059)	49.7% (633/1273)	40.5% (213/526)
18-52 weeks	22.4% (1377/6148)	28.3% (155/548)	14.8% (172/1163)	39.6% (304/767)	31.3% (254/812)	7.6% (81/1059)	24.5% (312/1273)	18.8% (99/526)
Mean (Days)	88.1	97.2	77.8	118.5	114.9	54	91.1	77.3
Median (Days)	71	80.5	67	113	91	37	84	57
Range (Days)	0-711	0-326	1-493	0-604	1-570	0-413	0-498	0-711
Overall Wait Time (Referral to Diagnosis)	**National MAS 2023 % (Num)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Up to 7 days	0.6% (36/6131)	0.2% (1/544)	1% (12/1160)	0.3% (2/767)	0.4% (3/812)	1% (11/1056)	0.5% (6/1266)	0.2% (1/526)
8 to 14 days	1% (59/6131)	0.4% (2/544)	1.5% (17/1160)	0.4% (3/767)	0.6% (5/812)	2.1% (22/1056)	0.6% (7/1266)	0.6% (3/526)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

15 to 21 days	1.7% (103/6131)	1.1% (6/544)	2.2% (26/1160)	0.7% (5/767)	0.9% (7/812)	2% (21/1056)	1.9% (24/1266)	2.7% (14/526)
22 to 28 days	1.9% (119/6131)	1.8% (10/544)	3% (35/1160)	1.3% (10/767)	0.6% (5/812)	2.5% (26/1056)	1.6% (20/1266)	2.5% (13/526)
29 to 35 days	2.2% (136/6131)	0.7% (4/544)	2.2% (26/1160)	0.8% (6/767)	1.2% (10/812)	2.9% (31/1056)	2.6% (33/1266)	4.9% (26/526)
36 to 70 days	12.3% (755/6131)	9% (49/544)	14.8% (172/1160)	7.4% (57/767)	6% (49/812)	17.6% (186/1056)	11.9% (151/1266)	17.3% (91/526)
71 to 140 days	33.6% (2061/6131)	35.7% (194/544)	36.8% (427/1160)	24.3% (186/767)	22.3% (181/812)	36.1% (381/1056)	40% (507/1266)	35.2% (185/526)
141 to 210 days	23.8% (1459/6131)	23.7% (129/544)	24.1% (279/1160)	30.4% (233/767)	25.4% (206/812)	20.7% (219/1056)	23.1% (292/1266)	19.2% (101/526)
211 to 280 days	13.1% (804/6131)	20.4% (111/544)	9% (104/1160)	21.5% (165/767)	17.9% (145/812)	9.2% (97/1056)	11.2% (142/1266)	7.6% (40/526)
281 to 364 days	6.2% (382/6131)	6.3% (34/544)	3.4% (40/1160)	9.4% (72/767)	12.7% (103/812)	4.2% (44/1056)	4.6% (58/1266)	5.9% (31/526)
More than a year	3.5% (217/6131)	0.7% (4/544)	1.9% (22/1160)	3.7% (28/767)	12.1% (98/812)	1.7% (18/1056)	2.1% (26/1266)	4% (21/526)
Up to 6 weeks	9.5% (584/6131)	5% (27/544)	12.7% (147/1160)	4.3% (33/767)	4.8% (39/812)	13.7% (145/1056)	9.5% (120/1266)	13.9% (73/526)
6-18 weeks	37.9% (2321/6131)	36.8% (200/544)	42.8% (496/1160)	24.6% (189/767)	23.6% (192/812)	44.7% (472/1056)	42.2% (534/1266)	45.2% (238/526)
18-52 weeks	49.1% (3009/6131)	57.5% (313/544)	42.7% (495/1160)	67.4% (517/767)	59.5% (483/812)	39.9% (421/1056)	46.3% (586/1266)	36.9% (194/526)
Mean (Days)	151.4	157.1	130.2	182.3	208	127	140.2	135.3
Median (Days)	132	145	119	177	188	108	124	111
Range (Days)	0-820	7-437	4-561	7-634	6-820	0-573	0-562	5-711

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Assessment

Q13. Place of assessment	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Clinic	51.8% (3185/6148)	61.9% (339/548)	63.5% (738/1163)	39.5% (303/767)	47.2% (383/812)	38.3% (406/1059)	61.6% (784/1273)	44.1% (232/526)
Patient's usual place of residence	46.6% (2867/6148)	38.1% (209/548)	35.6% (414/1163)	56.1% (430/767)	54.8% (4 45/812)	60.9% (645/1059)	34% (433/1273)	55.3% (291/526)
Phone call	2% (123/6148)	0.4% (2/548)	1.5% (18/1163)	2.3% (18/767)	1.6% (13/812)	0.8% (8/1059)	4.6% (59/1273)	1% (5/526)
Video call	0.4% (25/6148)	0.2% (1/548)	0.6% (7/1163)	1.7% (13/767)	0% (0/812)	0% (0/1059)	0.3% (4/1273)	0% (0/526)
Other	0.6% (39/6148)	0% (0/548)	0.4% (5/1163)	1.3% (10/767)	0.6% (5/812)	0.7% (7/1059)	0.9% (11/1273)	0.2% (1/526)
Q14. Was the video call facilitated by someone else? e.g. children or spouse	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes	80% (20/25)	0% (0/1)	71.4% (5/7)	92.3% (12/13)	-	-	75% (3/4)	-
No	12% (3/25)	0% (0/1)	14.3% (1/7)	7.7% (1/13)	-	-	25% (1/4)	-
Unknown/Not documented	8% (2/25)	100% (1/1)	14.3% (1/7)	0% (0/13)	-	-	0% (0/4)	-
Q15. Reported alcohol consumption per week	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
0 units	51.2% (3148/6148)	47.6% (261/548)	61.7% (717/1163)	57.2% (439/767)	55.2% (448/812)	52.3% (554/1059)	42% (535/1273)	36.9% (194/526)
1-4 units	14.3% (877/6148)	15.7% (86/548)	13.2% (154/1163)	9.6% (74/767)	15.4% (125/812)	12.2% (129/1059)	17.3% (220/1273)	16.9% (89/526)
5-9 units	5.6% (342/6148)	4.9% (27/548)	3.6% (42/1163)	5.9% (45/767)	5.2% (42/812)	6.9% (73/1059)	5.6% (71/1273)	8% (42/526)

	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
10-14 units	3.9% (238/6148)	2.6% (14/548)	2.3% (27/1163)	3.1% (24/767)	5% (41/812)	3.1% (33/1059)	4.2% (54/1273)	8.6% (45/526)
More than 14 units	5.4% (331/6148)	5.7% (31/548)	3.1% (36/1163)	4.2% (32/767)	6% (49/812)	5.7% (60/1059)	6.4% (82/1273)	7.8% (41/526)
Unknown	19.7% (1212/6148)	23.5% (129/548)	16.1% (187/1163)	19.9% (153/767)	13.2% (107/812)	19.8% (210/1059)	24.4% (311/1273)	21.9% (115/526)
Was the patient asked about alcohol consumption?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes	80.3% (4936/6148)	76.5% (419/548)	83.9% (976/1163)	80.1% (614/767)	86.8% (705/812)	80.2% (849/1059)	75.6% (962/1273)	78.1% (411/526)
Q16. Is there evidence of a discussion about:	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
The patient's eyesight/vision	64.9% (3988/6148)	57.1% (313/548)	68.2% (793/1163)	67.5% (518/767)	65.8% (534/812)	75% (794/1059)	52.2% (665/1273)	70.5% (371/526)
The patient's hearing	63% (3871/6148)	52.9% (290/548)	67.2% (782/1163)	64.3% (493/767)	62.2% (505/812)	70.1% (742/1059)	54.8% (697/1273)	68.8% (362/526)
Q17. Was the patient referred to occupational therapy for a functional assessment?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes, or Yes patient declined	11.2% (689/6148)	9.5% (52/548)	10.6% (123/1163)	8.7% (67/767)	18.7% (152/812)	15.4% (163/1059)	8% (102/1273)	5.7% (30/526)
Not referred, reason unknown or unclear	16.4% (1008/6148)	22.8% (125/548)	9.3% (108/1163)	15.1% (116/767)	11.2% (91/812)	17% (180/1059)	24% (306/1273)	15.6% (82/526)
No service provided	5.0% (307/6148)	3.8% (21/548)	10.7% (124/1163)	2.1% (16/767)	0.2% (2/812)	1.7% (18/1059)	9% (114/1273)	2.3% (12/526)
No, not appropriate	67.4% (4144/6148)	63.9% (350/548)	69.5% (808/1163)	74.1% (568/767)	69.8% (567/812)	65.9% (698/1059)	59% (751/1273)	76.4% (402/526)
Q18. Was a falls history taken?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes	79.4% (4881/6148)	70.1% (384/548)	82.5% (960/1163)	83.3% (639/767)	86% (698/812)	85.1% (901/1059)	69.2% (881/1273)	79.5% (418/526)
No	20.6% (1267/6148)	29.9% (164/548)	17.5% (203/1163)	16.7% (128/767)	14% (114/812)	14.9% (158/1059)	30.8% (392/1273)	20.5% (108/526)
Q19. Was the patient referred to diagnostic neuropsychological assessment?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes, or Yes patient declined	10.9% (673/6148)	10.2% (56/548)	12.8% (149/1163)	5.6% (43/767)	12.1% (98/812)	6.8% (72/1059)	9.1% (116/1273)	26.4% (139/526)
No service provided/available for referral	1.4% (84/6148)	0.5% (3/548)	1.3% (15/1163)	1.2% (9/767)	0.2% (2/812)	3.6% (38/1059)	1.1% (14/1273)	0.6% (3/526)
No, not appropriate	74.2% (4561/6148)	69% (378/548)	79.2% (921/1163)	79% (606/767)	81.4% (661/812)	75.3% (797/1059)	66.3% (844/1273)	67.3% (354/526)
Not referred, reason unknown or unclear	13.5% (830/6148)	20.3% (111/548)	6.7% (78/1163)	14.2% (109/767)	6.3% (51/812)	14.4% (152/1059)	23.5% (299/1273)	5.7% (30/526)
Any physical health assessments, including alcohol consumption, vision, hearing loss, and falls history	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Patients had at least one physical health assessments	94.4% (5803/6148)	92.3% (506/548)	95.8% (1114/1163)	92.8% (712/767)	97.2% (789/812)	96.1% (1018/1059)	91.8% (1168/1273)	94.3% (496/526)
Patients had four physical health assessments	47.7% (2933/6148)	38.7% (212/548)	52% (605/1163)	52% (399/767)	49.8% (404/812)	56.1% (594/1059)	34.9% (444/1273)	52.3% (275/526)
No physical health assessments	5.6% (345/6148)	7.7% (42/548)	4.2% (49/1163)	7.2% (55/767)	2.8% (23/812)	3.9% (41/1059)	8.2% (105/1273)	5.7% (30/526)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Investigations

Q20. Was a brain scan requested by memory service?	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes	47.3% (2910/6148)	51.6% (283/548)	47.5% (553/1163)	39.6% (304/767)	60.5% (491/812)	46.1% (488/1059)	52.2% (664/1273)	24.1% (127/526)
No	52.7% (3238/6148)	48.4% (265/548)	52.5% (610/1163)	60.4% (463/767)	39.5% (321/812)	53.9% (571/1059)	47.8% (609/1273)	75.9% (399/526)
Q21. Reason scan was not requested	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Previous Scan	59.7% (1932/3238)	38.9% (103/265)	57.7% (352/610)	55.7% (258/463)	75.4% (242/321)	55% (314/571)	57.8% (352/609)	77.9% (311/399)
Contraindicated	1% (31/3238)	1.1% (3/265)	1.5% (9/610)	0.2% (1/463)	0.9% (3/321)	0.9% (5/571)	1% (6/609)	1% (4/399)
Patient Declined	5.1% (165/3238)	5.3% (14/265)	4.3% (26/610)	4.3% (20/463)	8.7% (28/321)	4.2% (24/571)	7.2% (44/609)	2.3% (9/399)
Not Required	25.7% (831/3238)	32.8% (87/265)	33% (201/610)	32.8% (152/463)	11.8% (38/321)	31.7% (181/571)	17.6% (107/609)	16.3% (65/399)
Not Known	8.6% (279/3238)	21.9% (58/265)	3.6% (22/610)	6.9% (32/463)	3.1% (10/321)	8.2% (47/571)	16.4% (100/609)	2.5% (10/399)
Q23. Who requested the scan?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
GP	4.1% (119/2910)	1.1% (3/283)	1.4% (8/553)	6.6% (20/304)	2.6% (13/491)	3.3% (16/488)	3.9% (26/664)	26% (33/127)
Memory Service	93.7% (2728/2910)	98.6% (279/283)	97.8% (541/553)	80.6% (245/304)	95.9% (471/491)	96.3% (470/488)	94.9% (630/664)	72.4% (92/127)
Hospital	2.2% (63/2910)	0.4% (1/283)	0.7% (4/553)	12.8% (39/304)	1.4% (7/491)	0.4% (2/488)	1.2% (8/664)	1.6% (2/127)
Q24. Was a scan performed?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes	93.6% (2725/2910)	91.9% (260/283)	92.9% (514/553)	93.4% (284/304)	96.1% (472/491)	93% (454/488)	93.5% (621/664)	94.5% (120/127)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

No	6.4% (185/2910)	8.1% (23/283)	7.1% (39/553)	6.6% (20/304)	3.9% (19/491)	7% (34/488)	6.5% (43/664)	5.5% (7/127)
Q25. What scan was performed?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
MRI	29.8% (812/2725)	51.5% (134/260)	48.4% (249/514)	14.8% (42/284)	13.3% (63/472)	38.8% (176/454)	21.6% (134/621)	11.7% (14/120)
CT	71.6% (1951/2725)	48.8% (127/260)	52.3% (269/514)	87.3% (248/284)	88.6% (418/472)	62.8% (285/454)	79.9% (496/621)	90% (108/120)
Both	1.4% (38/2725)	0.4% (1/260)	0.8% (4/514)	2.1% (6/284)	1.9% (9/472)	1.5% (7/454)	1.4% (9/621)	1.7% (2/120)
Q26. Reason scan was not performed:	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Previous scan	15.1% (28/185)	4.3% (1/23)	23.1% (9/39)	20% (4/20)	57.9% (11/19)	2.9% (1/34)	4.7% (2/43)	0% (0/7)
Contraindicated	1.1% (2/185)	0% (0/23)	0% (0/39)	5% (1/20)	0% (0/19)	0% (0/34)	2.3% (1/43)	0% (0/7)
Patient declined	40.5% (75/185)	39.1% (9/23)	28.2% (11/39)	45% (9/20)	36.8% (7/19)	52.9% (18/34)	39.5% (17/43)	57.1% (4/7)
Not required	7.6% (14/185)	8.7% (2/23)	7.7% (3/39)	5% (1/20)	5.3% (1/19)	5.9% (2/34)	9.3% (4/43)	14.3% (1/7)
Not Known	35.7% (66/185)	47.8% (11/23)	41% (16/39)	25% (5/20)	0% (0/19)	38.2% (13/34)	44.2% (19/43)	28.6% (2/7)
Combined brain scan requested and performed	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Brain scan requested and performed	44.3% (2725/6148)	47.4% (260/548)	44.2% (514/1163)	37% (284/767)	58.1% (472/812)	42.9% (454/1059)	48.8% (621/1273)	22.8% (120/526)
Brain scan requested and not performed	3% (185/6148)	4.2% (23/548)	3.4% (39/1163)	2.6% (20/767)	2.3% (19/812)	3.2% (34/1059)	3.4% (43/1273)	1.3% (7/526)
Brain scan not requested	52.7% (3238/6148)	48.4% (265/548)	52.5% (610/1163)	60.4% (463/767)	39.5% (321/812)	53.9% (571/1059)	47.8% (609/1273)	75.9% (399/526)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Q28. Were specialised investigations performed? e.g. PET/DAT/SPECT scan/CSF examination	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes	2.1% (129/6148)	1.8% (10/548)	1.6% (19/1163)	1% (8/767)	4.3% (35/812)	0.7% (7/1059)	2.5% (32/1273)	3.4% (18/526)
No	97.9% (6019/6148)	98.2% (538/548)	98.4% (1144/1163)	99% (759/767)	95.7% (777/812)	99.3% (1052/1059)	97.5% (1241/1273)	96.6% (508/526)
Q29. What specialist investigations were performed?	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
PET scan	52.7% (68/129)	50% (5/10)	21.1% (4/19)	62.5% (5/8)	54.3% (19/35)	42.9% (3/7)	62.5% (20/32)	66.7% (12/18)
DAT scan	34.1% (44/129)	50% (5/10)	42.1% (8/19)	37.5% (3/8)	34.3% (12/35)	14.3% (1/7)	25% (8/32)	38.9% (7/18)
SPECT scan	11.6% (15/129)	0% (0/10)	21.1% (4/19)	0% (0/8)	11.4% (4/35)	28.6% (2/7)	9.4% (3/32)	11.1% (2/18)
CSF	6.2% (8/129)	0% (0/10)	15.8% (3/19)	0% (0/8)	0% (0/35)	28.6% (2/7)	6.3% (2/32)	5.6% (1/18)
Assessment to Brain Scan Request Time	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Up to 7 days	75.1% (2184/2910)	85.9% (243/283)	70.5% (390/553)	76% (231/304)	76.2% (374/491)	66.8% (326/488)	77.7% (516/664)	81.9% (104/127)
8 to 14 days	10.5% (307/2910)	8.1% (23/283)	15.2% (84/553)	8.6% (26/304)	8.8% (43/491)	13.5% (66/488)	8.6% (57/664)	6.3% (8/127)
15 to 21 days	3.6% (105/2910)	3.5% (10/283)	2.4% (13/553)	3% (9/304)	4.5% (22/491)	4.5% (22/488)	3.3% (22/664)	5.5% (7/127)
22 to 28 days	2.3% (67/2910)	0% (0/283)	2.9% (16/553)	2% (6/304)	1.6% (8/491)	4.1% (20/488)	2.4% (16/664)	0.8% (1/127)
29 to 35 days	2.3% (67/2910)	0.4% (1/283)	2.4% (13/553)	2.6% (8/304)	3.7% (18/491)	2% (10/488)	2.1% (14/664)	2.4% (3/127)
36 to 70 days	3.6% (106/2910)	0.7% (2/283)	4.7% (26/553)	4.9% (15/304)	3.9% (19/491)	5.1% (25/488)	2.6% (17/664)	1.6% (2/127)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
71 to 140 days	1.8% (53/2910)	1.1% (3/283)	1.4% (8/553)	2.6% (8/304)	1.4% (7/491)	2.5% (12/488)	2.1% (14/664)	0.8% (1/127)
141 to 210 days	0.5% (14/2910)	0.4% (1/283)	0% (0/553)	0% (0/304)	0% (0/491)	1.2% (6/488)	0.9% (6/664)	0.8% (1/127)
211 to 280 days	0.2% (6/2910)	0% (0/283)	0.4% (2/553)	0.3% (1/304)	0% (0/491)	0.2% (1/488)	0.3% (2/664)	0% (0/127)
281 to 364 days	0.0% (1/2910)	0% (0/283)	0.2% (1/553)	0% (0/304)	0% (0/491)	0% (0/488)	0% (0/664)	0% (0/127)
More than a year	0% (0/2910)	0% (0/283)	0% (0/553)	0% (0/304)	0% (0/491)	0% (0/488)	0% (0/664)	0% (0/127)
Up to 6 weeks	95% (2764/2910)	98.2% (278/283)	94.8% (524/553)	93.4% (284/304)	96.7% (475/491)	92% (449/488)	94.9% (630/664)	97.6% (124/127)
6-18 weeks	4.2% (121/2910)	1.4% (4/283)	4.5% (25/553)	5.9% (18/304)	3.1% (15/491)	6.4% (31/488)	3.9% (26/664)	1.6% (2/127)
18-52 weeks	0.9% (25/2910)	0.4% (1/283)	0.7% (4/553)	0.7% (2/304)	0.2% (1/491)	1.6% (8/488)	1.2% (8/664)	0.8% (1/127)
Mean (Days)	8.9	4.2	9.5	9.8	7.2	12.9	9.1	5.9
Median (Days)	0	0	0	0	0	3	0	0
Range (Days)	0-300	0-169	0-300	0-242	0-134	0-229	0-235	0-149
Assessment to Brain Scan Time	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Up to 7 days	36.8% (1002/2725)	50.8% (132/260)	32.1% (165/514)	30.3% (86/284)	34.5% (163/472)	29.3% (133/454)	39.8% (247/621)	63.3% (76/120)
8 to 14 days	3% (83/2725)	2.3% (6/260)	2.7% (14/514)	1.8% (5/284)	5.9% (28/472)	4.2% (19/454)	1.6% (10/621)	0.8% (1/120)
15 to 21 days	6.1% (167/2725)	8.8% (23/260)	4.7% (24/514)	5.6% (16/284)	9.5% (45/472)	5.7% (26/454)	4.5% (28/621)	4.2% (5/120)
22 to 28 days	6.3% (171/2725)	8.1% (21/260)	5.1% (26/514)	8.1% (23/284)	7.6% (36/472)	6.2% (28/454)	5.5% (34/621)	2.5% (3/120)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
29 to 35 days	6.5% (177/2725)	3.1% (8/260)	7.2% (37/514)	7.4% (21/284)	6.1% (29/472)	6.2% (28/454)	6.9% (43/621)	9.2% (11/120)
36 to 70 days	26.7% (728/2725)	16.5% (43/260)	29.6% (152/514)	23.6% (67/284)	27.1% (128/472)	31.9% (145/454)	28.3% (176/621)	14.2% (17/120)
71 to 140 days	11.3% (307/2725)	7.7% (20/260)	15.4% (79/514)	17.3% (49/284)	7.2% (34/472)	12.6% (57/454)	10% (62/621)	5% (6/120)
141 to 210 days	2.5% (69/2725)	1.5% (4/260)	2.9% (15/514)	4.9% (14/284)	1.7% (8/472)	3.1% (14/454)	2.1% (13/621)	0.8% (1/120)
211 to 280 days	0.6% (16/2725)	0.4% (1/260)	0.2% (1/514)	0.4% (1/284)	0.2% (1/472)	0.9% (4/454)	1.3% (8/621)	0% (0/120)
281 to 364 days	0.2% (5/2725)	0.8% (2/260)	0.2% (1/514)	0.7% (2/284)	0% (0/472)	0% (0/454)	0% (0/621)	0% (0/120)
More than a year	0% (0/2725)	0% (0/260)	0% (0/514)	0% (0/284)	0% (0/472)	0% (0/454)	0% (0/621)	0% (0/120)
Up to 6 weeks	65.2% (1776/2725)	76.9% (200/260)	58% (298/514)	61.3% (174/284)	70.8% (334/472)	58.1% (264/454)	64.7% (402/621)	86.7% (104/120)
6-18 weeks	31% (846/2725)	19.6% (51/260)	38.5% (198/514)	31.3% (89/284)	27.3% (129/472)	36.8% (167/454)	31.7% (197/621)	12.5% (15/120)
18-52 weeks	3.8% (103/2725)	3.5% (9/260)	3.5% (18/514)	7.4% (21/284)	1.9% (9/472)	5.1% (23/454)	3.5% (22/621)	0.8% (1/120)
Mean (Days)	35.9	27.7	40.3	45.4	30	40.8	35.7	17.4
Median (Days)	26	5	34	31.5	21.5	34	26	0
Range (Days)	0-357	0-340	0-297	0-357	0-240	0-257	0-257	0-162
Brain Scan Performed Wait Time (Brain Scan Request to Brain Scan Performed)	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Up to 7 days	8.6% (234/2725)	7.7% (20/260)	6.6% (34/514)	16.5% (47/284)	5.9% (28/472)	10.1% (46/454)	5.2% (32/621)	22.5% (27/120)
8 to 14 days	7.2% (195/2725)	5.8% (15/260)	8.8% (45/514)	6.7% (19/284)	9.7% (46/472)	5.3% (24/454)	6.3% (39/621)	5.8% (7/120)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

15 to 21 days	12% (326/2725)	14.2% (37/260)	13% (67/514)	9.5% (27/284)	13.1% (62/472)	7.7% (35/454)	13.2% (82/621)	13.3% (16/120)
22 to 28 days	10.9% (296/2725)	8.5% (16.5/260)	11.9% (29.6/514)	10.6% (23.6/284)	12.7% (27.1/472)	9.7% (31.9/454)	11% (28.3/621)	9.2% (14.2/120)
29 to 35 days	11% (299/2725)	8.1% (21/260)	11.1% (57/514)	7.7% (22/284)	10.8% (51/472)	10.8% (49/454)	12.4% (77/621)	18.3% (22/120)
36 to 70 days	36.5% (995/2725)	36.5% (95/260)	33.7% (173/514)	26.1% (74/284)	39% (184/472)	43.2% (196/454)	39.9% (248/621)	20.8% (25/120)
71 to 140 days	11.7% (320/2725)	17.3% (45/260)	13.2% (68/514)	19.4% (55/284)	6.6% (31/472)	11% (50/454)	9.7% (60/621)	9.2% (11/120)
141 to 210 days	1.5% (41/2725)	0.8% (2/260)	1.6% (8/514)	2.8% (8/284)	1.9% (9/472)	1.5% (7/454)	1.1% (7/621)	0% (0/120)
211 to 280 days	0.5% (13/2725)	0.4% (1/260)	0.2% (1/514)	0% (0/284)	0% (0/472)	0.7% (3/454)	1.1% (7/621)	0.8% (1/120)
281 to 364 days	0.1% (4/2725)	0.8% (2/260)	0% (0/514)	0.7% (2/284)	0% (0/472)	0% (0/454)	0% (0/621)	0% (0/120)
More than a year	0.1% (2/2725)	0% (0/260)	0% (0/514)	0% (0/284)	0.2% (1/472)	0% (0/454)	0.2% (1/621)	0% (0/120)
Up to 6 weeks	61% (1661/2725)	55.4% (144/260)	61.7% (317/514)	60.6% (172/284)	65.7% (310/472)	54.4% (247/454)	59.7% (371/621)	83.3% (100/120)
6-18 weeks	36.1% (985/2725)	41.2% (107/260)	36% (185/514)	35.2% (100/284)	31.8% (150/472)	42.3% (192/454)	37.4% (232/621)	15.8% (19/120)
18-52 weeks	2.8% (77/2725)	3.5% (9/260)	2.3% (12/514)	4.2% (12/284)	2.3% (11/472)	3.3% (15/454)	2.7% (17/621)	0.8% (1/120)
Mean (Days)	42.3	47.8	41.4	44.9	38.9	43.1	43.9	30.1
Median (Days)	36	39.5	34.5	34	35	39	36	27
Range (Days)	0-400	0-338	0-277	0-346	0-383	0-257	0-400	0-215

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Diagnosis

Q30. Recorded diagnosis	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Alzheimer's disease	30.1% (1848/6148)	29.2% (160/548)	31.6% (367/1163)	27.4% (210/767)	37.4% (304/812)	26.8% (284/1059)	30.2% (384/1273)	26.4% (139/526)
Vascular dementia	11.9% (729/6148)	11.1% (61/548)	11.6% (135/1163)	15.5% (119/767)	11.2% (91/812)	15.2% (161/1059)	9.3% (119/1273)	8.2% (43/526)
Dementia with Lewy bodies	1% (60/6148)	0.7% (4/548)	0.9% (11/1163)	1.4% (11/767)	1.5% (12/812)	0.8% (9/1059)	0.6% (8/1273)	1% (5/526)
Behavioural variant frontotemporal dementia	0.2% (15/6148)	0% (0/548)	0.2% (2/1163)	0.7% (5/767)	0.1% (1/812)	0.2% (2/1059)	0.2% (3/1273)	0.4% (2/526)
Posterior cortical atrophy	0.1% (9/6148)	0.2% (1/548)	0.2% (2/1163)	0.1% (1/767)	0.1% (1/812)	0.1% (1/1059)	0% (0/1273)	0.6% (3/526)
Parkinson's disease dementia	1.5% (92/6148)	1.8% (10/548)	1.5% (17/1163)	1.6% (12/767)	1.4% (11/812)	1.5% (16/1059)	1.3% (16/1273)	1.9% (10/526)
Mixed dementia (dementia of more than one type)	20.8% (1280/6148)	20.3% (111/548)	16.1% (187/1163)	30.1% (231/767)	20.1% (163/812)	18.3% (194/1059)	19.2% (244/1273)	28.5% (150/526)
Alcohol related dementia included Korsakoff syndrome	0.2% (14/6148)	0.2% (1/548)	0.3% (4/1163)	0.1% (1/767)	0.2% (2/812)	0% (0/1059)	0.3% (4/1273)	0.4% (2/526)
Unspecified dementia (if working diagnosis please select this option)	4% (248/6148)	4.4% (24/548)	4.8% (56/1163)	4.3% (33/767)	2.8% (23/812)	2.3% (24/1059)	5% (64/1273)	4.6% (24/526)
Other dementia	0.7% (40/6148)	0.4% (2/548)	1% (12/1163)	0.3% (2/767)	0.1% (1/812)	1% (11/1059)	0.6% (8/1273)	0.8% (4/526)
Mild Cognitive Impairment (MCI)	17% (1045/6148)	21.2% (116/548)	16% (186/1163)	9.3% (71/767)	13.7% (111/812)	20% (212/1059)	21.8% (277/1273)	13.7% (72/526)
Subjective cognitive impairment/no illness specified)	1.8% (112/6148)	2.4% (13/548)	1.2% (14/1163)	0.8% (6/767)	2.2% (18/812)	0.8% (8/1059)	2.9% (37/1273)	3% (16/526)

	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Primary psychiatric diagnosis (e.g. depression, anxiety, schizophrenia)	1% (63/6148)	1.1% (6/548)	2.7% (31/1163)	0.3% (2/767)	0.7% (6/812)	1% (11/1059)	0.5% (6/1273)	0.2% (1/526)
Functional cognitive disorder	0.4% (23/6148)	0.4% (2/548)	0.8% (9/1163)	0% (0/767)	0.5% (4/812)	0.4% (4/1059)	0.2% (3/1273)	0.2% (1/526)
Other (not dementia)	9.3% (570/6148)	6.8% (37/548)	11.2% (130/1163)	8.2% (63/767)	7.9% (64/812)	11.5% (122/1059)	7.9% (100/1273)	10.3% (54/526)
Q31. Was this diagnosis:	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Confirmed	90.4% (5559/6148)	94.2% (516/548)	92.3% (1074/1163)	96.3% (739/767)	92.4% (750/812)	89.2% (945/1059)	83% (1057/1273)	90.9% (478/526)
Working	9.6% (589/6148)	5.8% (32/548)	7.7% (89/1163)	3.7% (28/767)	7.6% (62/812)	10.8% (114/1059)	17% (216/1273)	9.1% (48/526)
Diagnosis Wait Time (Initial Assessment to Diagnosis)	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Up to 7 days	31.4% (1926/6131)	34.9% (190/544)	38.8% (450/1160)	25.4% (195/767)	16.6% (135/812)	19.2% (203/1056)	46.5% (589/1266)	31.2% (164/526)
8 to 14 days	5.1% (313/6131)	4.8% (26/544)	6.5% (75/1160)	6.5% (50/767)	3.7% (30/812)	4% (42/1056)	3.6% (46/1266)	8.4% (44/526)
15 to 21 days	3.8% (231/6131)	3.1% (17/544)	3.5% (41/1160)	5.3% (41/767)	3.8% (31/812)	4% (42/1056)	2.3% (29/1266)	5.7% (30/526)
22 to 28 days	3.6% (218/6131)	1.1% (6/544)	3.4% (40/1160)	3.8% (29/767)	2.6% (21/812)	6% (63/1056)	2.1% (27/1266)	6.1% (32/526)
29 to 35 days	3.7% (228/6131)	2.8% (15/544)	2.8% (33/1160)	5.1% (39/767)	3.1% (25/812)	4.5% (48/1056)	3.1% (39/1266)	5.5% (29/526)
36 to 70 days	16.3% (1002/6131)	17.3% (94/544)	14.6% (169/1160)	16% (123/767)	19.8% (161/812)	18.8% (198/1056)	13.5% (171/1266)	16.3% (86/526)
71 to 140 days	21.5% (1321/6131)	22.1% (120/544)	20% (232/1160)	24.4% (187/767)	23.4% (190/812)	28.9% (305/1056)	18% (228/1266)	11.2% (59/526)
141 to 210 days	9.7% (597/6131)	11% (60/544)	6.6% (76/1160)	10% (77/767)	17.5% (142/812)	10% (106/1056)	7.4% (94/1266)	8% (42/526)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

211 to 280 days	3.7% (226/6131)	2.4% (13/544)	2.6% (30/1160)	3% (23/767)	6.7% (54/812)	3.3% (35/1056)	3% (38/1266)	6.3% (33/526)
281 to 364 days	1.1% (67/6131)	0.4% (2/544)	1.1% (13/1160)	0.4% (3/767)	2.8% (23/812)	1.3% (14/1056)	0.4% (5/1266)	1.3% (7/526)
More than a year	0.1% (2/6131)	0.2% (1/544)	0.1% (1/1160)	0% (0/767)	0% (0/812)	0% (0/1056)	0% (0/1266)	0% (0/526)
Up to 6 weeks	50.4% (3090/6131)	48.2% (262/544)	58.4% (678/1160)	49% (376/767)	32.5% (264/812)	40.7% (430/1056)	60% (759/1266)	61% (321/526)
6-18 weeks	31.9% (1956/6131)	34% (185/544)	29% (336/1160)	33.4% (256/767)	35.6% (289/812)	40.6% (429/1056)	27.3% (346/1266)	21.9% (115/526)
18-52 weeks	17.7% (1083/6131)	17.6% (96/544)	12.5% (145/1160)	17.6% (135/767)	31.9% (259/812)	18.7% (197/1056)	12.7% (161/1266)	17.1% (90/526)
Mean (Days)	63.3	60.3	52.3	63.7	93.1	73.2	49.2	58.1
Median (Days)	42	47	24	45	71	60.5	14	28
Range (Days)	0-367	0-367	0-365	0-315	0-343	0-347	0-296	0-310

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Treatment

*Additional categories derived from comments when 'Other, please specify' was selected

Q33. Was anti-dementia medication prescribed? (D= patients with any diagnosis of dementia)	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes	54.1% (2347/4335)	47.9% (179/374)	49.8% (395/793)	42.9% (268/625)	63.9% (389/609)	57% (400/702)	60% (510/850)	53.9% (206/382)
Patient declined	6.9% (297/4335)	4.8% (18/374)	8.2% (65/793)	9.1% (57/625)	5.7% (35/609)	5.3% (37/702)	7.6% (65/850)	5.2% (20/382)
No, not appropriate	32.7% (1416/4335)	36.4% (136/374)	36.2% (287/793)	43% (269/625)	24% (146/609)	33.6% (236/702)	27.5% (234/850)	28.3% (108/382)
No, contraindicated	6.3% (275/4335)	11% (41/374)	5.8% (46/793)	5% (31/625)	6.4% (39/609)	4.1% (29/702)	4.8% (41/850)	12.6% (48/382)
Q34. Which medication was prescribed? This refers to the initial prescription (see recorded diagnosis and medication prescribed table below)	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Donepezil	57.9% (1363/2353)	40.2% (72/179)	60.5% (239/395)	55.4% (149/269)	55.9% (218/390)	50.5% (204/404)	70% (357/510)	60.2% (124/206)
Rivastigmine oral	2.3% (55/2353)	1.7% (3/179)	2.3% (9/395)	1.1% (3/269)	2.8% (11/390)	4% (16/404)	2% (10/510)	1.5% (3/206)
Rivastigmine transdermal patch	3% (70/2353)	4.5% (8/179)	2.8% (11/395)	3% (8/269)	2.3% (9/390)	2.7% (11/404)	2% (10/510)	6.3% (13/206)
Galantamine	1.8% (42/2353)	12.3% (22/179)	0.3% (1/395)	0.4% (1/269)	1.3% (5/390)	2% (8/404)	0.4% (2/510)	1.5% (3/206)
Memantine	34.6% (815/2353)	41.3% (74/179)	33.2% (131/395)	40.1% (108/269)	36.9% (144/390)	40.8% (165/404)	25.7% (131/510)	30.1% (62/206)
AChEl and Memantine	0.3% (8/2353)	0% (0/179)	1% (4/395)	0% (0/269)	0.8% (3/390)	0% (0/404)	0% (0/510)	0.5% (1/206)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Q35. Was the patient offered cognitive stimulation therapy (CST)?	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes	17.4% (1069/6148)	9.3% (51/548)	25.3% (294/1163)	34.8% (267/767)	20.4% (166/812)	8.5% (90/1059)	9.3% (118/1273)	15.8% (83/526)
No, not appropriate	37.1% (2281/6148)	39.4% (216/548)	49.2% (572/1163)	36% (276/767)	36.3% (295/812)	27.6% (292/1059)	35.9% (457/1273)	32.9% (173/526)
No, service not available	27.8% (1712/6148)	20.8% (114/548)	12.6% (146/1163)	4.3% (33/767)	27.8% (226/812)	45.5% (482/1059)	44.1% (561/1273)	28.5% (150/526)
Not Recorded	17.7% (1086/6148)	30.5% (167/548)	13% (151/1163)	24.9% (191/767)	15.4% (125/812)	18.4% (195/1059)	10.8% (137/1273)	22.8% (120/526)
CST offering to patients diagnosed with dementia (not appropriate excluded)	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Patients with a dementia diagnosis receiving CST	30.8% (1036/3367)	14% (39/279)	55% (287/522)	56.1% (266/474)	35.5% (163/459)	13.5% (84/623)	16.7% (117/699)	25.7% (80/311)
Patients with a dementia diagnosis for whom CST not available	41.1% (1384/3367)	36.2% (101/279)	19% (99/522)	6.5% (31/474)	42.3% (194/459)	60% (374/623)	66.5% (465/699)	38.6% (120/311)
Patients with a dementia diagnosis for whom CST was unknown	27.8% (974/3367)	49.8% (139/279)	26.1% (136/522)	37.3% (177/474)	22.2% (102/459)	26.5% (165/623)	16.7% (117/699)	35.7% (111/311)
Q35b. Was this provided (CST)?	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Face to face	37.3% (399/1069)	25.5% (13/51)	33% (97/294)	47.6% (127/267)	23.5% (39/166)	54.4% (49/90)	29.7% (35/118)	47% (39/83)
Virtual	3% (32/1069)	2% (1/51)	8.2% (24/294)	0% (0/267)	0% (0/166)	3.3% (3/90)	1.7% (2/118)	2.4% (2/83)
Patient declined	39.2% (419/1069)	33.3% (17/51)	30.3% (89/294)	44.2% (118/267)	66.3% (110/166)	24.4% (22/90)	26.3% (31/118)	38.6% (32/83)
Other	8.2% (88/1069)	5.9% (3/51)	9.9% (29/294)	4.9% (13/267)	7.2% (12/166)	8.9% (8/90)	18.6% (22/118)	1.2% (1/83)
Not provided*	0.3% (3/1069)	0% (0/51)	0.7% (2/294)	0% (0/267)	0% (0/166)	1.1% (1/90)	0% (0/118)	0% (0/83)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Waiting list*	6.9% (74/1069)	21.6% (11/51)	13.6% (40/294)	1.1% (3/267)	3% (5/166)	2.2% (2/90)	10.2% (12/118)	1.2% (1/83)
Unknown*	5.1% (54/1069)	11.8% (6/51)	4.4% (97/294)	2.2% (127/267)	0% (39/166)	5.6% (49/90)	13.6% (35/118)	9.6% (39/83)
Q36. Was the patient offered a dementia advisor or navigation type service (either in house or referral on)?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes, this was offered	59.3% (3645/6148)	64.2% (352/548)	56.2% (654/1163)	68.8% (528/767)	68% (552/812)	51.7% (548/1059)	52.6% (670/1273)	64.8% (341/526)
No, not appropriate	32.1% (1975/6148)	30.7% (168/548)	36.4% (423/1163)	23.2% (178/767)	24.3% (197/812)	34.2% (362/1059)	38.3% (487/1273)	30.4% (160/526)
No, other	0.7% (40/6148)	1.8% (10/548)	0.7% (8/1163)	0.4% (3/767)	0.4% (3/812)	0.5% (5/1059)	0.7% (9/1273)	0.4% (2/526)
No, service not available	2.6% (160/6148)	0.7% (4/548)	2.2% (26/1163)	0.4% (3/767)	0.6% (5/812)	7.6% (81/1059)	3.2% (41/1273)	0% (0/526)
Signposted*	0.9% (54/6148)	0.9% (5/548)	2.1% (24/1163)	1.7% (13/767)	0% (0/812)	0.4% (4/1059)	0.5% (7/1273)	0.2% (1/526)
Not offered*	0.6% (39/6148)	0.5% (3/548)	0.6% (7/1163)	0.4% (3/767)	0.1% (1/812)	0.7% (7/1059)	0.6% (8/1273)	1.9% (10/526)
Unknown*	3.8% (235/6148)	1.1% (6/548)	1.8% (21/1163)	5.1% (39/767)	6.7% (54/812)	4.9% (52/1059)	4% (51/1273)	2.3% (12/526)
Q37. Was the carer offered a psychoeducation course (either in house or referral on)? For example: START, CRISP programme	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes, carer accepted	15.6% (962/6148)	9.9% (54/548)	13.2% (153/1163)	23.2% (178/767)	19.8% (161/812)	14.2% (150/1059)	14.9% (190/1273)	14.4% (76/526)
Yes, carer declined	6.7% (412/6148)	1.1% (6/548)	8.2% (95/1163)	9.6% (74/767)	8.7% (71/812)	6.6% (70/1059)	5.7% (72/1273)	4.6% (24/526)
No, patient did not have dementia	22% (1354/6148)	21% (115/548)	24.3% (283/1163)	16.8% (129/767)	18.2% (148/812)	21.3% (226/1059)	25.9% (330/1273)	23.4% (123/526)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
No, no carer or relative	4.1% (255/6148)	9.9% (54/548)	6.6% (77/1163)	3.1% (24/767)	3% (24/812)	2% (21/1059)	2.7% (35/1273)	3.8% (20/526)
No, service not available	30.1% (1851/6148)	33% (181/548)	24.5% (285/1163)	18.3% (140/767)	34.2% (278/812)	37.3% (395/1059)	34.1% (434/1273)	26.2% (138/526)
No, other	1.9% (114/6148)	5.7% (31/548)	1.7% (20/1163)	1.3% (10/767)	0.5% (4/812)	2.2% (23/1059)	0.6% (8/1273)	3.4% (18/526)
Referred/Signposted*	5.1% (313/6148)	11.3% (62/548)	4.6% (53/1163)	8.3% (64/767)	2.7% (22/812)	2.5% (27/1059)	3.6% (46/1273)	7.4% (39/526)
Not Offered*	1.7% (103/6148)	2% (11/548)	2.8% (33/1163)	0.7% (5/767)	1.1% (9/812)	0.7% (7/1059)	2.4% (31/1273)	1.3% (7/526)
Not appropriate*	3.1% (192/6148)	2.7% (15/548)	5.8% (68/1163)	2.6% (20/767)	1.2% (10/812)	3% (32/1059)	2.9% (37/1273)	1.9% (10/526)
Pending/Awaiting referral*	0.7% (42/6148)	0.2% (1/548)	0.3% (4/1163)	0.4% (3/767)	2.8% (23/812)	0.7% (7/1059)	0.2% (3/1273)	0.2% (1/526)
Unknown*	8.9% (550/6148)	3.3% (18/548)	7.9% (92/1163)	15.6% (120/767)	7.6% (62/812)	9.5% (101/1059)	6.8% (87/1273)	13.3% (70/526)
Q38. Was the patient asked about being contacted for research?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes, patient consented	12.9% (796/6148)	13.9% (76/548)	18.6% (216/1163)	8.3% (64/767)	11.7% (95/812)	4.8% (51/1059)	17.8% (226/1273)	12.9% (68/526)
Yes, patient declined	12.4% (761/6148)	11.1% (61/548)	13.8% (160/1163)	16.8% (129/767)	18.6% (151/812)	7.6% (81/1059)	12% (153/1273)	4.9% (26/526)
Not appropriate	15.7% (964/6148)	17.7% (97/548)	17.2% (200/1163)	13.7% (105/767)	22.2% (180/812)	10.3% (109/1059)	16.4% (209/1273)	12.2% (64/526)
No documented discussion	59% (3627/6148)	57.3% (314/548)	50.5% (587/1163)	61.1% (469/767)	47.5% (386/812)	77.2% (818/1059)	53.8% (685/1273)	70% (368/526)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Correspondence

Q39. Were READ or SNOMED codes in relation to diagnosis included in letter correspondence to GP?	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes	30.8% (1894/6148)	24.1% (132/548)	48.8% (568/1163)	42.5% (326/767)	34.1% (277/812)	7.4% (78/1059)	21.8% (277/1273)	44.9% (236/526)
No	69.2% (4254/6148)	75.9% (416/548)	51.2% (595/1163)	57.5% (441/767)	65.9% (535/812)	92.6% (981/1059)	78.2% (996/1273)	55.1% (290/526)
Q40. Were other codes identifying the diagnosis included in letter correspondence to the GP?	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes	57.4% (3526/6148)	79.7% (437/548)	71.4% (830/1163)	52.5% (403/767)	60.2% (489/812)	36.4% (385/1059)	63.1% (803/1273)	34% (179/526)
No	42.6% (2622/6148)	20.3% (111/548)	28.6% (333/1163)	47.5% (364/767)	39.8% (323/812)	63.6% (674/1059)	36.9% (470/1273)	66% (347/526)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Organisational Checklist

QB. My service or clinic is in:	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
England	100% (138/138)	100% (10/10)	100% (24/24)	100% (15/15)	100% (29/29)	100% (24/24)	100% (26/26)	100% (10/10)
Wales	0% (0/138)	0% (0/10)	0% (0/24)	0% (0/15)	0% (0/29)	0% (0/24)	0% (0/26)	0% (0/10)
Q1. What is the total number of patients completing the pathway to diagnosis between 1st January and 31st August 2023? *	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Min	27	209	27	107	48	74	40	94
Max	3428	3428	2779	2252	1054	865	1298	1481
Median	313	561	276	541	301	336	305	342.5
Mean	447	779.2	353.8	683.1	360.6	377.3	363.7	563.7
Not stated	7	0	1	0	0	6	0	0
Q2. Is your service accredited with the Memory Services National Accreditation Programme (MSNAP)	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes	35.5% (49/138)	30% (3/10)	54.2% (13/24)	13.3% (2/15)	34.5% (10/29)	29.2% (7/24)	50% (13/26)	10% (1/10)
No	64.5% (89/138)	70% (7/10)	45.8% (11/24)	86.7% (13/15)	65.5% (19/29)	70.8% (17/24)	50% (13/26)	90% (9/10)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Q3. What organisation provides the memory service?	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Mental Health Trust	94.9% (131/138)	90% (9/10)	100% (24/24)	80% (12/15)	96.6% (28/29)	100% (24/24)	100% (26/26)	80% (8/10)
Acute Trust	0% (0/138)	0% (0/10)	0% (0/24)	0% (0/15)	0% (0/29)	0% (0/24)	0% (0/26)	0% (0/10)
Community services provider	0.7% (1/138)	0% (0/10)	0% (0/24)	0% (0/15)	3.4% (1/29)	0% (0/24)	0% (0/26)	0% (0/10)
Health Board (Wales only)	0% (0/138)	0% (0/10)	0% (0/24)	0% (0/15)	0% (0/29)	0% (0/24)	0% (0/26)	0% (0/10)
GP (Wales only)	0% (0/138)	0% (0/10)	0% (0/24)	0% (0/15)	0% (0/29)	0% (0/24)	0% (0/26)	0% (0/10)
Learning Disability service (Wales only)	0% (0/138)	0% (0/10)	0% (0/24)	0% (0/15)	0% (0/29)	0% (0/24)	0% (0/26)	0% (0/10)
Other	4.3% (6/138)	10% (1/10)	0% (0/24)	20% (3/15)	0% (0/29)	0% (0/24)	0% (0/26)	20% (2/10)
Q4. Do you have a named research champion/lead?	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes	73.9% (102/138)	70% (7/10)	75% (18/24)	86.7% (13/15)	82.8% (24/29)	54.2% (13/24)	69.2% (18/26)	90% (9/10)
No	26.1% (36/138)	30% (3/10)	25% (6/24)	13.3% (2/15)	17.2% (5/29)	45.8% (11/24)	30.8% (8/26)	10% (1/10)
Q5. Do you have a named lead for young onset dementia (under 65)?	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes	59.4% (82/138)	60% (6/10)	45.8% (11/24)	73.3% (11/15)	55.2% (16/29)	50% (12/24)	61.5% (16/26)	100% (10/10)
No	34.1% (47/138)	40% (4/0)	29.2% (7/25)	26.7% (4/0)	44.8% (13/0)	50% (12/0)	26.9% (7/11.5)	0% (0/0)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
N/A	6.5% (9/138)	0% (0/10)	25% (6/24)	0% (0/15)	0% (0/29)	0% (0/24)	11.5% (3/26)	0% (0/10)
Q6. Which patients do you request an ECG for prior to commencing cholinesterase inhibitors?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
All patients	23.9% (33/138)	30% (3/10)	16.7% (4/24)	33.3% (5/15)	20.7% (6/29)	58.3% (14/24)	0% (0/26)	10% (1/10)
Patients where indicated e.g. with a slow pulse or cardiac condition	73.2% (101/138)	60% (6/10)	83.3% (20/24)	60% (9/15)	75.9% (22/29)	41.7% (10/24)	96.2% (25/26)	90% (9/10)
Other	2.9% (4/138)	10% (1/10)	0% (0/24)	6.7% (1/15)	3.4% (1/29)	0% (0/24)	3.8% (1/26)	0% (0/10)
Q7. Are CT and MRI scans reported by neuroradiologists?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes	47.8% (66/138)	50% (5/10)	70.8% (17/24)	33.3% (5/15)	48.3% (14/29)	33.3% (8/24)	53.8% (14/26)	30% (3/10)
No	52.2% (72/138)	50% (5/10)	29.2% (7/24)	66.7% (10/15)	51.7% (15/29)	66.7% (16/24)	46.2% (12/26)	70% (7/10)
Q8. Can you view scan images (e.g. using medical imaging technology such as PACS)?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes	39.9% (55/138)	0% (0/10)	37.5% (9/24)	40% (6/15)	27.6% (8/29)	58.3% (14/24)	50% (13/26)	50% (5/10)
No	60.1% (83/138)	100% (10/10)	62.5% (15/24)	60% (9/15)	72.4% (21/29)	41.7% (10/24)	50% (13/26)	50% (5/10)
Q9. Is attending imaging appointments facilitated by the memory service?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes	24.6% (34/138)	40% (4/10)	45.8% (11/24)	0% (0/15)	27.6% (8/29)	25% (6/24)	15.4% (4/26)	10% (1/10)
No	75.4% (104/138)	60% (6/10)	54.2% (13/24)	100% (15/15)	72.4% (21/29)	75% (18/24)	84.6% (22/26)	90% (9/10)
Q10a. Are you able to refer patients for: PET scans	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes	86.2% (119/138)	70% (7/10)	70.8% (17/24)	86.7% (13/15)	96.6% (28/29)	87.5% (21/24)	92.3% (24/26)	90% (9/10)
No	13.8% (19/138)	30% (3/10)	29.2% (7/24)	13.3% (2/15)	3.4% (1/29)	12.5% (3/24)	7.7% (2/26)	10% (1/10)
Q10b. Are you able to refer patients for: DAT scans	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes	92% (127/138)	90% (9/10)	79.2% (19/24)	93.3% (14/15)	100% (29/29)	91.7% (22/24)	96.2% (25/26)	90% (9/10)
No	8% (11/138)	10% (1/10)	20.8% (5/24)	6.7% (1/15)	0% (0/29)	8.3% (2/24)	3.8% (1/26)	10% (1/10)
Q10c. Are you able to refer patients for: CSF examination	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes	50.7% (70/138)	50% (5/10)	50% (12/24)	26.7% (4/15)	51.7% (15/29)	62.5% (15/24)	50% (13/26)	60% (6/10)
No	49.3% (68/138)	50% (5/10)	50% (12/24)	73.3% (11/15)	48.3% (14/29)	37.5% (9/24)	50% (13/26)	40% (4/10)
Q10d. Are you able to refer patients for: SPECT scans	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes	71% (98/138)	30% (3/10)	33.3% (8/24)	80% (12/15)	79.3% (23/29)	95.8% (23/24)	76.9% (20/26)	90% (9/10)
No	29% (40/138)	70% (7/10)	66.7% (16/24)	20% (3/15)	20.7% (6/29)	4.2% (1/24)	23.1% (6/26)	10% (1/10)
Q11a. Is there an opportunity for joint working with: Neurology	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
Yes, regular meetings (weekly/monthly)	14.5% (20/138)	10% (1/10)	41.7% (10/24)	6.7% (1/15)	6.9% (2/29)	12.5% (3/24)	3.8% (1/26)	20% (2/10)
Yes, quarterly meetings	5.1% (7/138)	20% (2/10)	0% (0/24)	6.7% (1/15)	3.4% (1/29)	8.3% (2/24)	0% (0/26)	10% (1/10)
Yes, adhoc advice	73.9% (102/138)	70% (7/10)	45.8% (11/24)	73.3% (11/15)	86.2% (25/29)	75% (18/24)	88.5% (23/26)	70% (7/10)
No	6.5% (9/138)	0% (0/10)	12.5% (3/24)	13.3% (2/15)	3.4% (1/29)	4.2% (1/24)	7.7% (2/26)	0% (0/10)
Other	0% (0/138)	0% (0/10)	0% (0/24)	0% (0/15)	0% (0/29)	0% (0/24)	0% (0/26)	0% (0/10)
Q11b. Is there an opportunity for joint working with: Neuroradiology	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes, regular meetings (weekly/monthly)	18.1% (25/138)	0% (0/10)	54.2% (13/24)	6.7% (1/15)	6.9% (2/29)	4.2% (1/24)	23.1% (6/26)	20% (2/10)
Yes, quarterly meetings	2.2% (3/138)	0% (0/10)	0% (0/24)	0% (0/15)	0% (0/29)	8.3% (2/24)	0% (0/26)	10% (1/10)
Yes, adhoc advice	60.9% (84/138)	80% (8/10)	33.3% (8/24)	60% (9/15)	72.4% (21/29)	58.3% (14/24)	65.4% (17/26)	70% (7/10)
No	18.8% (26/138)	20% (2/10)	12.5% (3/24)	33.3% (5/15)	20.7% (6/29)	29.2% (7/24)	11.5% (3/26)	0% (0/10)
Other	0% (0/138)	0% (0/10)	0% (0/24)	0% (0/15)	0% (0/29)	0% (0/24)	0% (0/26)	0% (0/10)
Q11c. Is there an opportunity for joint working with: Geriatrics	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes, regular meetings (weekly/monthly)	8% (11/138)	10% (1/10)	25% (6/24)	0% (0/15)	6.9% (2/29)	0% (0/24)	3.8% (1/26)	10% (1/10)
Yes, quarterly meetings	0.7% (1/138)	0% (0/10)	0% (0/24)	0% (0/15)	3.4% (1/29)	0% (0/24)	0% (0/26)	0% (0/10)
Yes, adhoc advice	81.2% (112/138)	90% (9/10)	66.7% (16/24)	73.3% (11/15)	82.8% (24/29)	83.3% (20/24)	88.5% (23/26)	90% (9/10)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

	National MAS 2023 % (Num/Den)	East of England	London	Midlands	North East and Yorkshire	North West	South East	South West
No	10.1% (14/138)	0% (0/10)	8.3% (2/24)	26.7% (4/15)	6.9% (2/29)	16.7% (4/24)	7.7% (2/26)	0% (0/10)
Other	0% (0/138)	0% (0/10)	0% (0/24)	0% (0/15)	0% (0/29)	0% (0/24)	0% (0/26)	0% (0/10)
Q11d. Is there an opportunity for joint working with: Parkinson's disease clinic	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes, regular meetings (weekly/monthly)	3.6% (5/138)	10% (1/10)	8.3% (2/24)	0% (0/15)	3.4% (1/29)	0% (0/24)	0% (0/26)	10% (1/10)
Yes, quarterly meetings	2.2% (3/138)	0% (0/10)	4.2% (1/24)	0% (0/15)	3.4% (1/29)	4.2% (1/24)	0% (0/26)	0% (0/10)
Yes, adhoc advice	87.7% (121/138)	90% (9/10)	83.3% (20/24)	80% (12/15)	89.7% (26/29)	87.5% (21/24)	92.3% (24/26)	90% (9/10)
No	5.8% (8/138)	0% (0/10)	4.2% (1/24)	20% (3/15)	0% (0/29)	8.3% (2/24)	7.7% (2/26)	0% (0/10)
Other	0.7% (1/138)	0% (0/10)	0% (0/24)	0% (0/15)	3.4% (1/29)	0% (0/24)	0% (0/26)	0% (0/10)
Q12. Do you offer a post diagnostic follow up monitoring service?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**
Yes, for all patients	52.9% (73/138)	40% (4/10)	37.5% (9/24)	46.7% (7/15)	79.3% (23/29)	50% (12/24)	46.2% (12/26)	60% (6/10)
Yes, for patients prescribed medication	31.9% (44/138)	40% (4/10)	37.5% (9/24)	33.3% (5/15)	17.2% (5/29)	25% (6/24)	50% (13/26)	20% (2/10)
Yes, Other	11.6% (16/138)	20% (2/10)	12.5% (3/24)	13.3% (2/15)	3.4% (1/29)	20.8% (5/24)	3.8% (1/26)	20% (2/10)
No	3.6% (5/138)	0% (0/10)	12.5% (3/24)	6.7% (1/15)	0% (0/29)	4.2% (1/24)	0% (0/26)	0% (0/10)
Q13. Do you provide or offer Cognitive Stimulation Therapy (CST)?	**National MAS 2023 % (Num/Den)**	**East of England**	**London**	**Midlands**	**North East and Yorkshire**	**North West**	**South East**	**South West**

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

Yes, this is provided in-house	62.3% (86/138)	70% (7/10)	79.2% (19/24)	73.3% (11/15)	69% (20/29)	41.7% (10/24)	50% (13/26)	60% (6/10)
Yes, we refer to another service providing this	13.8% (19/138)	0% (0/10)	8.3% (2/24)	26.7% (4/15)	10.3% (3/29)	20.8% (5/24)	15.4% (4/26)	10% (1/10)
No, this is not available	23.9% (33/138)	30% (3/10)	12.5% (3/24)	0% (0/15)	20.7% (6/29)	37.5% (9/24)	34.6% (9/26)	30% (3/10)
Yes combined	76.1% (105/138)	70% (7/10)	87.5% (21/24)	100% (15/15)	79.3% (23/29)	62.5% (15/24)	65.4% (17/26)	70% (7/10)

Regional Memory Assessment Services Spotlight Audit Report 2023/2024

References

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2. National Institute for Health and Care Excellence (NICE). Dementia: assessment, management and support for people living with dementia and their carers. NICE guideline [NG97] June 2018. https://www.nice.org.uk/guidance/ng97