

Update from NHSBSA Dental Services

**Brian Kelly
Senior Orthodontic Adviser
NHSBSA Dental Services**

The NHSBSA has a statutory obligation to monitor dental contracts on behalf of the NHS in England and Wales

STATUTORY INSTRUMENTS

2006 No. 596

NATIONAL HEALTH SERVICE, ENGLAND

**The Functions of Primary Care Trusts and Strategic Health
Authorities and the NHS Business Services Authority (Awdurdod
Gwasanaethau Busnes y GIG) (Primary Dental Services) (England)
Regulations 2006**

Made - - - - *3rd March 2006*

Laid before Parliament *10th March 2006*

Coming into force - - *1st April 2006*

The Secretary of State for Health makes the following Regulations in exercise of the powers conferred on her by sections 16, 16B, 18(3) and 126(4) of the National Health Service Act 1977(a).

Citation, commencement and interpretation

1.—(1) These Regulations may be cited as the Functions of Primary Care Trusts and Strategic Health Authorities and the NHS Business Services Authority (Awdurdod Gwasanaethau Busnes y GIG) (Primary Dental Services) (England) Regulations 2006 and shall come into force on 1st April 2006.

(2) In these Regulations—

“the 1977 Act” means the National Health Service Act 1977;

“the Authority” means the NHS Business Services Authority established by the NHS Business Services Authority (Awdurdod Gwasanaethau Busnes y GIG) (Establishment and Constitution) Order 2005(b);

“GDS Contract” means a contract under section 28K of the 1977 Act (general dental services contracts)(c);

“GDS Contracts Regulations” means the National Health Service (General Dental Services Contracts) Regulations 2005(d);

“PDS Agreement” means an agreement for primary dental services under section 28C of the 1977 Act (personal medical or dental services)(e); and

Contract Monitoring

NHSBSA Dental Services is responsible for processing and analysing information received from NHS dental contractors in order to:

- Monitor the performance of the contractor
- Prevent, detect and investigate fraud or other unlawful activities

Contract Monitoring Update

- Data Collection
(FP 17 O / Patient Questionnaires)
- Vital Signs Reports
- Dental Assurance Framework Reports
- Transitional Commissioning Guidance Indicators
- 2015/16 activity
- Clinical Monitoring and Reporting

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+ Printer Registration <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div>	NHS	FP170 01/04/2008 Revision 1	+
NHSBSA Use Only			
Patient's NHS No.		Part 2 Patient Information - complete in CAPITALS and Black ink	
Part 1 Provider name, address and location number <div style="border: 1px solid black; height: 100px; margin-top: 5px;"></div>		Surname <div style="border: 1px solid black; width: 100%; height: 20px;"></div> First Forename <div style="border: 1px solid black; width: 100%; height: 20px;"></div> House number followed by Street <div style="border: 1px solid black; width: 100%; height: 20px;"></div> <div style="border: 1px solid black; width: 100%; height: 20px;"></div> City or Town <div style="border: 1px solid black; width: 100%; height: 20px;"></div> County <div style="border: 1px solid black; width: 100px; height: 20px;"></div> Postcode <div style="border: 1px solid black; width: 100px; height: 20px;"></div> Previous surname if changed since last visit <div style="border: 1px solid black; width: 100%; height: 20px;"></div> Title <div style="border: 1px solid black; width: 50px; height: 20px;"></div> Sex <input checked="" type="checkbox"/> M or <input checked="" type="checkbox"/> F Date of Birth <div style="border: 1px solid black; width: 100px; height: 20px;"></div>	
Performer number same as provider <input checked="" type="checkbox"/> Performer number <div style="border: 1px solid black; width: 100px; height: 20px;"></div>			
Part 3 Exemptions and remissions			
Patient under 18 <input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> Full remission - HC2 cert. <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> Partial remission - HC3 cert. <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> Expectant mother <input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/> Nursing mother <input checked="" type="checkbox"/> 5 <input checked="" type="checkbox"/>			
Aged 18 in full-time education <input checked="" type="checkbox"/> 6 <input checked="" type="checkbox"/> Income support <input checked="" type="checkbox"/> 7 <input checked="" type="checkbox"/> NHS tax credit exemption <input checked="" type="checkbox"/> 8 <input checked="" type="checkbox"/> Jobseekers allowance (IB) <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> Pension credit guarantee credit <input checked="" type="checkbox"/> D <input checked="" type="checkbox"/>			
Prisoner <input checked="" type="checkbox"/> J <input checked="" type="checkbox"/> Evidence of Exemption or Remission not seen <input checked="" type="checkbox"/> E <input checked="" type="checkbox"/> Patient charge collected £ <div style="border: 1px solid black; width: 100px; height: 20px;"></div>			
Part 4 Orthodontic Data Set - Treatment Proposed/Treatment Provided			
Radiograph(s) Enter No. <input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> Removable upper appliance <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> Removable lower appliance <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> Fixed upper appliance <input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/> Fixed lower appliance <input checked="" type="checkbox"/> 5 <input checked="" type="checkbox"/>			
Functional appliance <input checked="" type="checkbox"/> 6 <input checked="" type="checkbox"/> Retainer upper <input checked="" type="checkbox"/> 7 <input checked="" type="checkbox"/> Retainer lower <input checked="" type="checkbox"/> 8 <input checked="" type="checkbox"/> Extractions <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/>			
<div style="display: flex; justify-content: space-around;"> <div>Upper Right</div> <div>Upper Left</div> </div> <div style="display: flex; justify-content: space-around;"> <div>Lower Right</div> <div>Lower Left</div> </div>			
Part 5 Orthodontic Assessment and Treatment Start			
Assessment & review <input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> Assess & refuse treatment <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> Assess & appliance fitted <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> Date of Referral <div style="border: 1px solid black; width: 100px; height: 20px;"></div>			
IOTN Enter value 1-5 <input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/> Aesthetic component Enter value 1-10 <input checked="" type="checkbox"/> 5 <input checked="" type="checkbox"/> IOTN not applicable <input checked="" type="checkbox"/> 6 <input checked="" type="checkbox"/> Date of Assessment <div style="border: 1px solid black; width: 100px; height: 20px;"></div>			
Date Appliance Fitted <div style="border: 1px solid black; width: 100px; height: 20px;"></div>			
Part 6 Orthodontic Completion			
Treatment abandoned - patient failed to return <input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> Treatment abandoned - patient requested <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> Treatment discontinued <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> Treatment completed <input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/> PAR scores calculated <input checked="" type="checkbox"/> 5 <input checked="" type="checkbox"/>			
IOTN Enter value 1-5 <input checked="" type="checkbox"/> 6 <input checked="" type="checkbox"/> Aesthetic component Enter value 1-10 <input checked="" type="checkbox"/> 7 <input checked="" type="checkbox"/> IOTN not applicable <input checked="" type="checkbox"/> 8 <input checked="" type="checkbox"/> Date of completion or last visit <div style="border: 1px solid black; width: 100px; height: 20px;"></div>			
Repair to appliance fitted by another dentist <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> Regulation 11 replacement appliance <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/>			
Part 7 NHSBSA Use Only			
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 100px; height: 20px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div>			
Part 8 Declaration			
All the necessary care and treatment that the patient is willing to undergo will be provided. <input checked="" type="checkbox"/>		I declare that I am properly entitled to practise under the current dental regulations and that the information I have given on this form is correct and complete. I understand that if it is not, appropriate action may be taken. For the purpose of verification of this and the prevention and detection of fraud and incorrectness, I consent to the disclosure of relevant information from this form to and by the NHS Business Services Authority.	
All the currently necessary care and treatment that the patient is willing to undergo has been carried out. <input checked="" type="checkbox"/>		Signature <div style="border: 1px solid black; width: 150px; height: 20px;"></div> Date <div style="border: 1px solid black; width: 100px; height: 20px;"></div>	



Business Services Authority

Data Collection: FP170

For 2015/2016:

- 5.7% of case starts and 12.9% of completions were submitted without the clinical data set completed
- Improvement needed most from 'mixed' GDS contract holders

Data Collection: Patient Questionnaires

- Random sample of case starts receive a questionnaire within one month of the date of the reported start
- ~ Between 2,000 and 3,000 patients per month
- ~ 30% response rate



Business Services Authority

Dental Services Division

Our ref: ORTH1 / 01/11/07 / 02598572438
Date: 29 November 2007

Private and Confidential
Parent or guardian of

Compton Place Road
Eastbourne
East Sussex
BN20 6AD



Dental Services

National Health Service Dental

We are writing to you as part of our responsibility for monitoring NHS dental services.

Dentists send us information about courses of treatment that they have provided to patients and we have recently been advised that your child has been provided with treatment under NHS arrangements.

We would be grateful if you would complete the enclosed form to the best of your recollection and return it in the pre-paid envelope.

We carry out this activity on behalf of Primary Care Trusts who are the bodies responsible for providing local NHS services including dentistry and provide regular anonymised reports detailing the responses to these questionnaires. These reports serve a number of purposes that help to improve the services your child receives and your help is appreciated.

Please note that the information that you provide may be shared with your local health body and/or other agencies responsible for monitoring NHS dentistry.

If you would like further information about NHS dentistry, including complaints about NHS dentistry, patient charges and the types of dental treatment available to NHS patients you can call NHS Direct on 0845 46 47 or visit their website at: www.nhsdirect.nhs.uk

NHS Dentistry Patient Survey

Please help us to monitor NHS dental services by completing this questionnaire and returning it in

Q4. What **NHS orthodontic** treatment has your child had so far? (Tick all that apply)

Diagnosis and assessment ☐Extractions ☐Removable orthodontic appliance(s) (brace) fitted ☐Fixed orthodontic appliance(s) (brace) fitted ☐Other ☐

Q5. How satisfied are you with the NHS dentistry your child received? (Tick **one** box)

Completely satisfied ☐Fairly satisfied ☐Fairly dissatisfied ☐Very dissatisfied ☐

Please use the pre-paid envelope supplied to return your completed questionnaire. If you have lost the envelope, you can post this form to: Patient Questionnaires, NHSBSA Dental Services Division, Compton Place Road, Eastbourne, East Sussex BN20 8XX

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Vital Signs Orthodontic At a Glance Contract Report for 111111/1111 - March 2009

Name or company name		08/09 Contracted general activity (UDA)	0
Contract type name		Carry forward general activity (UDA)	0
Purpose of contract	Orthodontic	08/09 Contracted orthodontic activity (UOA)	3,796
Contract start date	01/04/2006	Carry forward orthodontic activity (UOA)	-17
Contract end date		Baseline contract value	£243,548.00

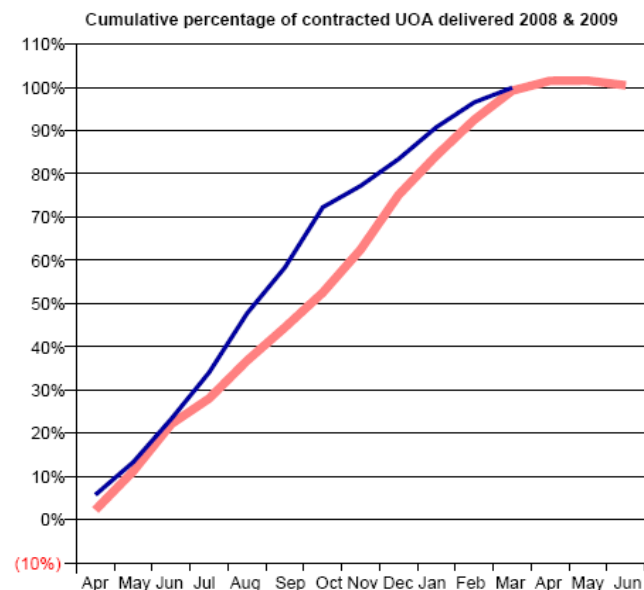


Dental Services

ACCESS

	Contract	National
24 month ratio of assessments to patient IDs	1.02	1.09

ACTIVITY



Month	Adjusted Scheduled Activity (UOA)	
	2008	2009
April	87	220
May	428	507
June	841	885
July	1,064	1,293
August	1,396	1,811
September	1,688	2,214
October	1,994	2,743
November	2,372	2,931
December	2,851	3,166
January	3,197	3,446
February	3,511	3,664
March	3,766	3,792
April	3,853	
May	3,855	
June	3,813	

QUALITY

	Contract	National	Quantity
% of all assessments that were assess and fit appliances (rolling 12 month period)	39.1%	34.7%	173
% of all assessments that were assess and refuse (rolling 12 month period)	23.0%	11.4%	102
% of all assessments that were assess and review (rolling 12 month period)	37.9%	54.0%	168
% of terminated (either abandoned or discontinued) courses of treatment (rolling 12 month period)	9.1%	10.0%	12
% of treatment starts where IOTN Aesthetic Component was less than 3.6 (rolling 12 month period)	23.7%	11.4%	41
% of completed treatments indicating that PAR score was taken (year to date)	87.9%	12.7%	116
Rate of removable appliances per 100 fixed appliances - proposed treatment (rolling 12 month period)	6.59	11.51	7
Rate of removable appliances per 100 fixed appliances - completed treatment (rolling 12 month period)	3.61	9.53	4
% of patients satisfied with the treatment they have received (rolling 12 month period)	91.3%	94.1%	42

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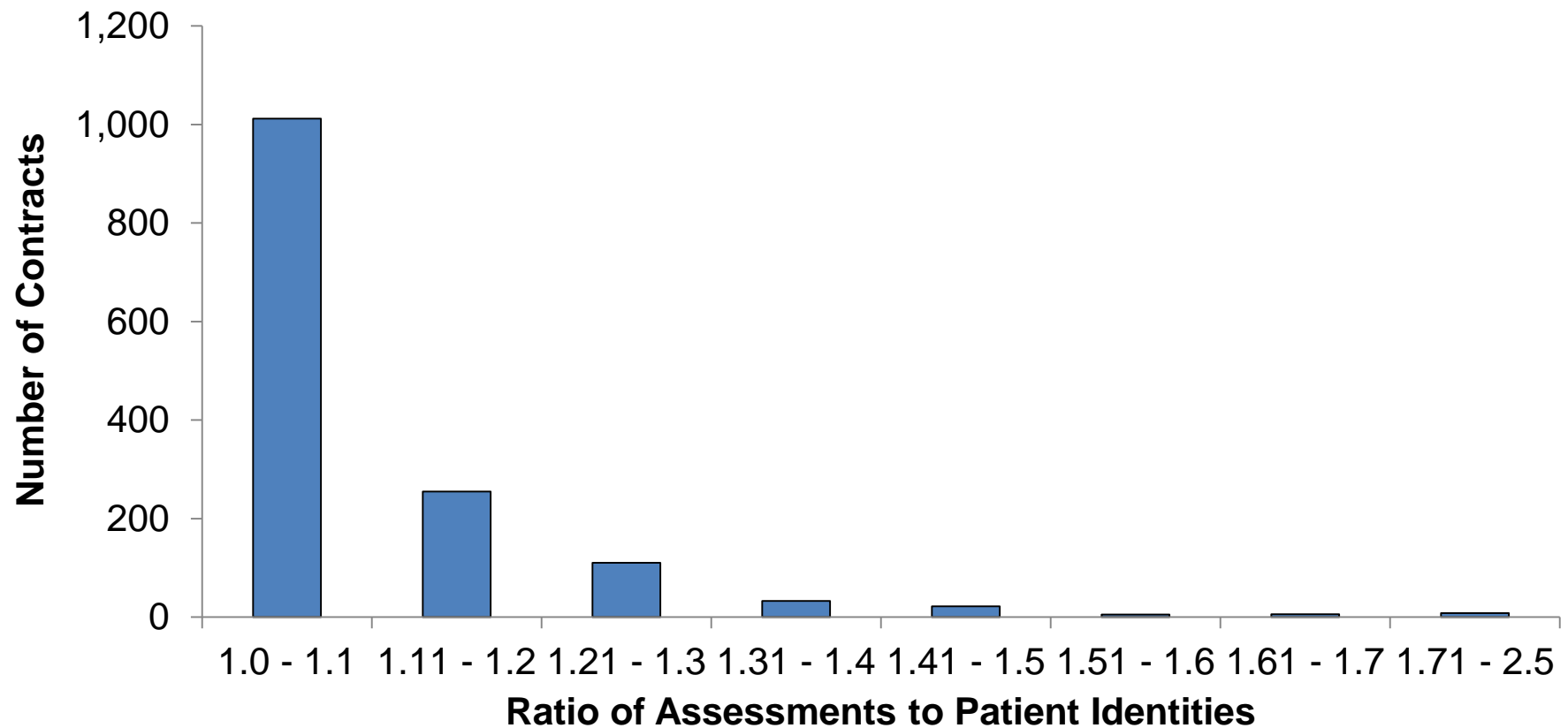
(10%) Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun

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Ratio of Assessments to Patient Identities (Contract level)

24 Month Ratio of Assessments to Patient Identities



Ortho Vital Signs 2015/16

% of all assessments that were assess and fit appliances (rolling 12 month period)	51.9
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% of all assessments that were assess and refuse (rolling 12 month period)	12.9
--	------

% of all assessments that were assess and review (rolling 12 month period)	35.3
--	------

% of terminated courses where treatment was abandoned or discontinued (rolling 12 month period)	7.4
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Ortho Vital Signs 2015/16

% of completed treatments indicating that PAR score was taken (year to date)	58.1
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Rate of removable appliances per 100 fixed appliances – proposed treatment (rolling 12 month period)	5.87
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Rate of removable appliances per 100 fixed appliances – completed treatment (rolling 12 month period)	5.11
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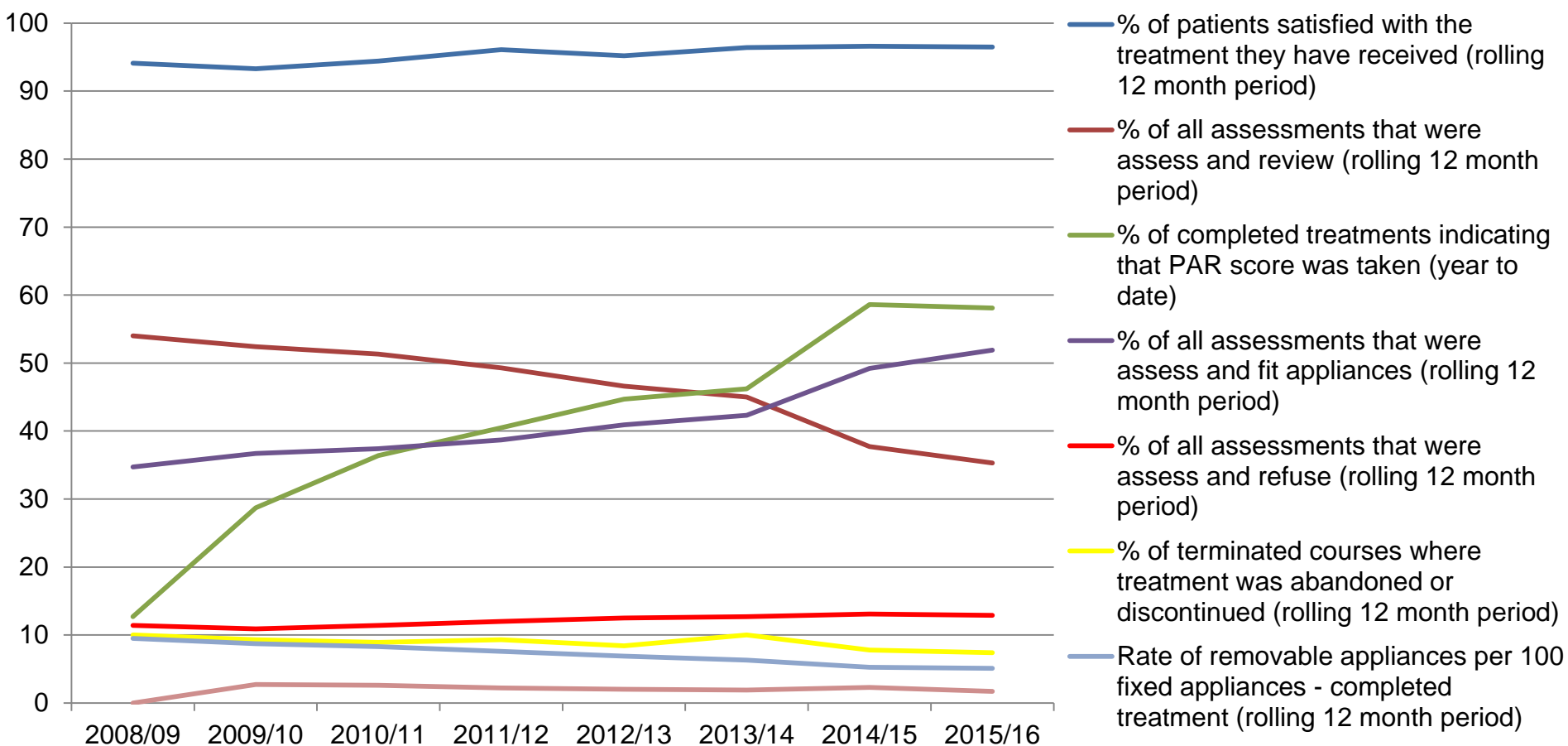
Ortho Vital Signs 2015/16

% of courses of treatment with removable appliances 2.2
only – proposed treatment (rolling 12 month period)

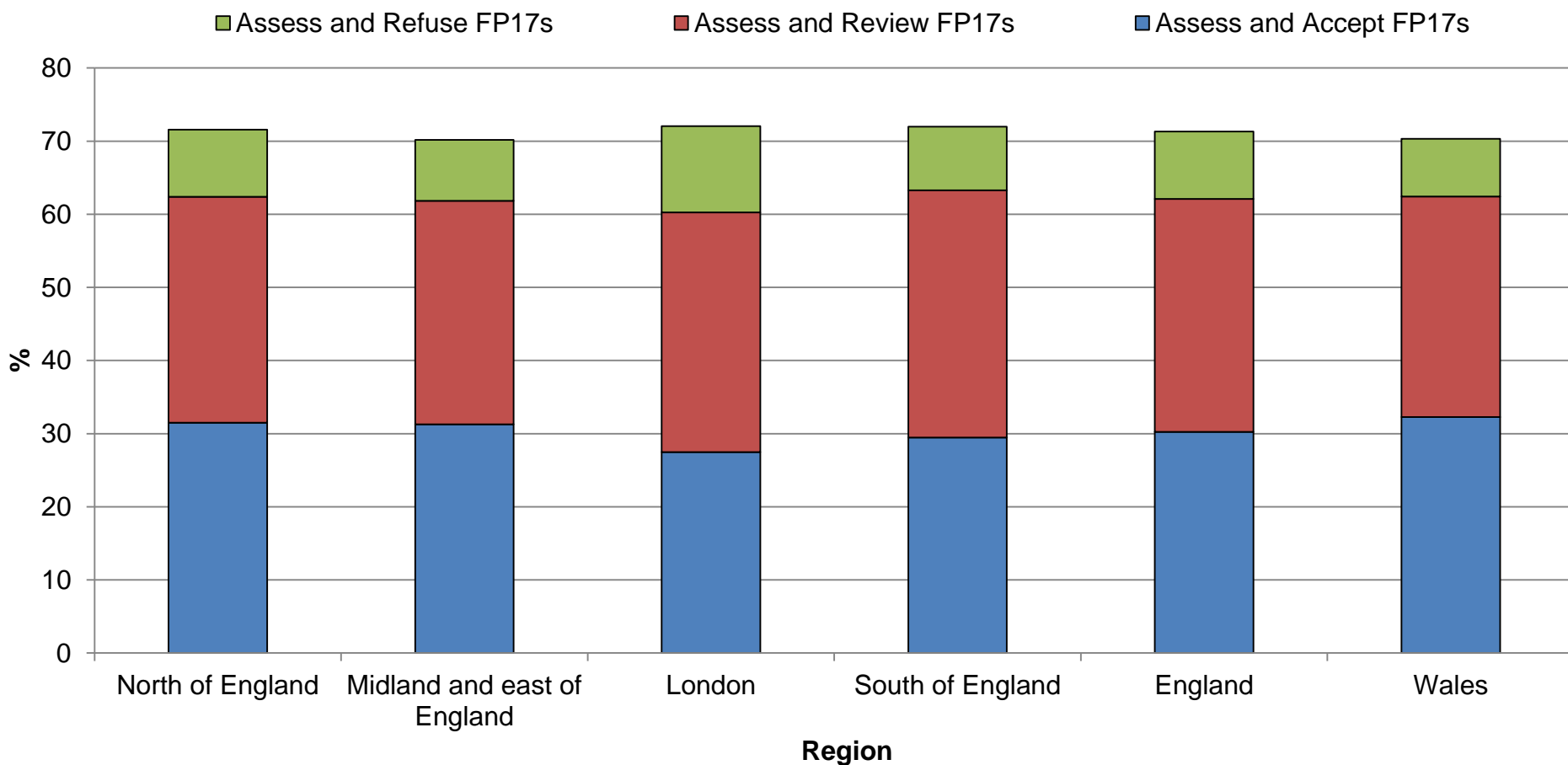
% of courses of treatment with removable appliances 1.7
only – completed treatment (rolling 12 month period)

% of patients satisfied with the treatment they have 96.5
received (rolling 12 month period)

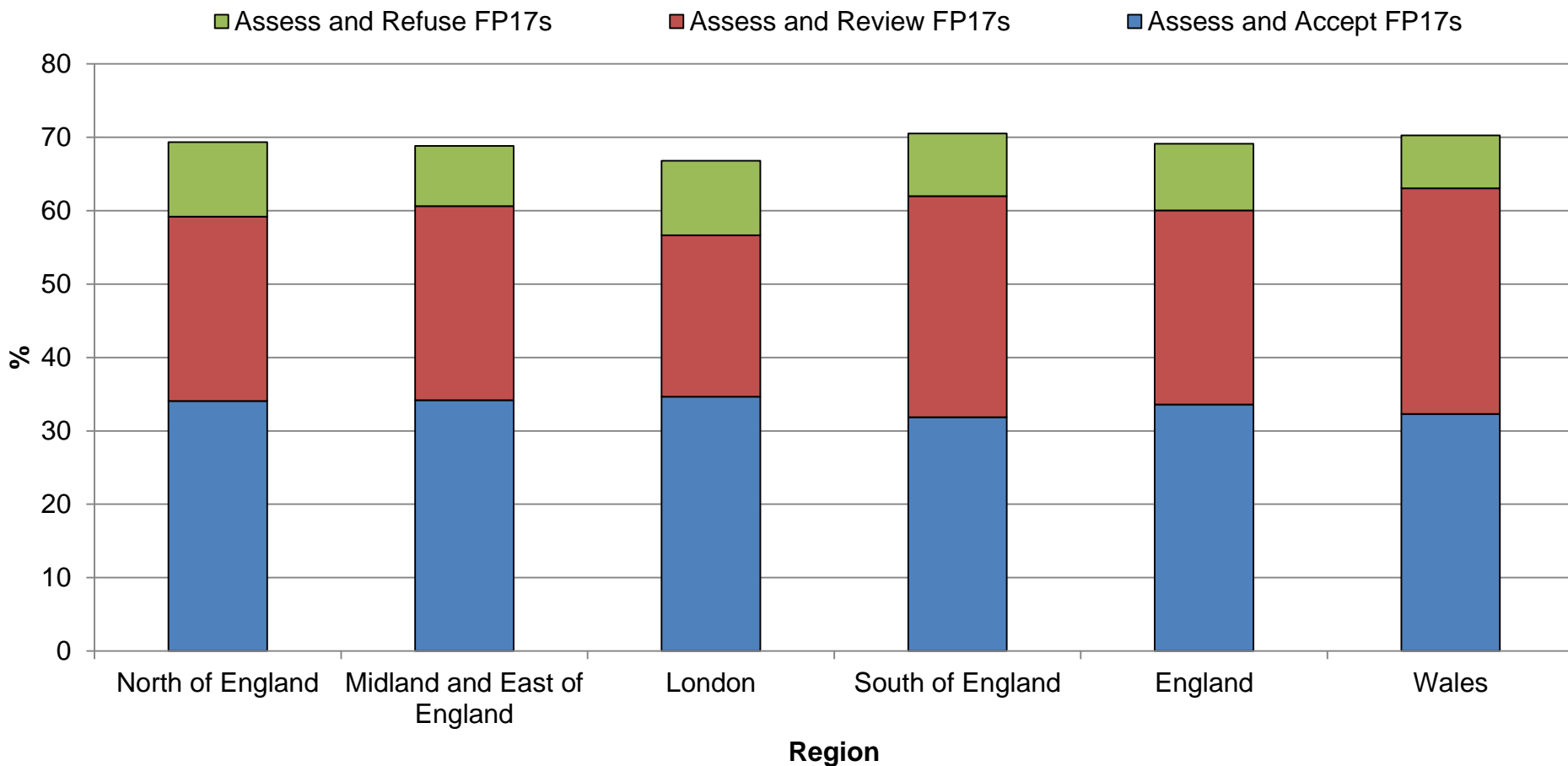
Ortho Vital Signs Year End (2008/09 to 2015/16)



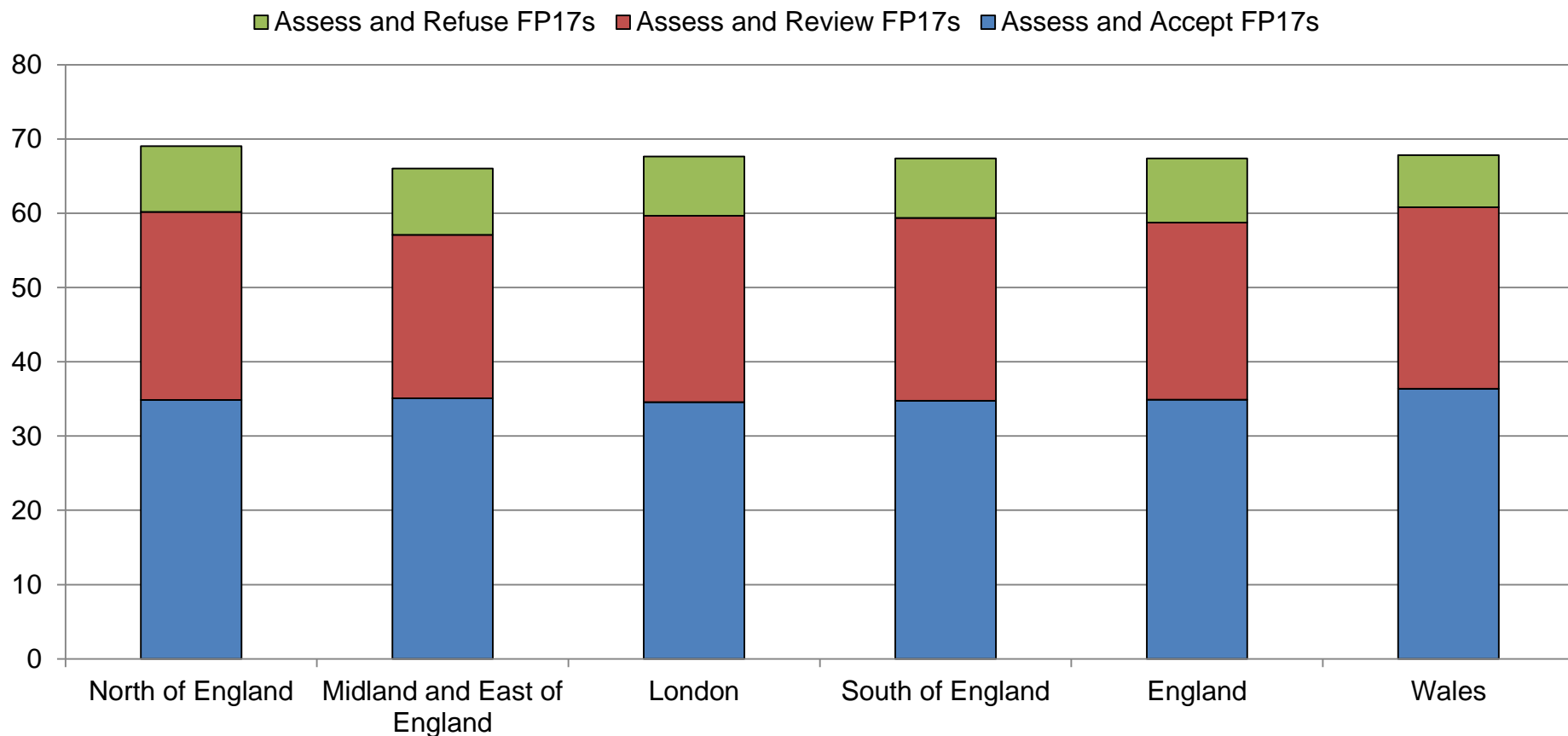
Assessments as a proportion of total FP17Os by region - 2013/14



Assessments as a proportion of total FP17Os by region - 2014/15



Assessments as a proportion of total FP17Os by region – 2015/16



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Dental Assurance Framework Orthodontic Reports (‘DAF Ortho Reports’)

Background

- Purpose : To support a more standardised approach to contract performance management
- Not intended to supplant other commissioning guidance nor the role of routine contracting processes
- Multi-agency group involved in scoping of the framework
- A series of indicators chosen covering four categories: Delivery, Assessment, Treatment and Outcomes
- Designed as “Tier 1” analysis i.e. overarching and general in nature

DAF Orthodontic Reports

- Reports available quarterly to Area Teams
- Contracts shown as “flags for attention” ...further assessment needed i.e. report is designed as a starting point
- Size element used to avoid highlighting smaller contracts simply because of their size
- Planned for providers to be able to see their results via the Dental Portal / ‘Compass’
- ‘Drill-down’ data available to commissioners, investigating factors that relate to a contract’s performance

DAF Ortho Report Indicators

Delivery:

- % of Contracted UOA Delivered (Year to Date)

Assessment:

- % of assessments that are Assess and fit appliance
- % of assessments that are Assess and refuse
- % of assessments that are Assess and review
- % of assessments and review 9 years old or under

DAF Ortho Report Indicators

Treatment:

- Ratio of reported concluded to assess and fit
- % of concluded reported as using removable appliances only

Outcomes:

- Ratio of UOAs per reported completed case
- % of contracts meeting their expected reporting of PAR scores
- % of concluded cases where treatment is reported as abandoned or discontinued

Overall Rates (Compares AT rates with England)

Area compared to England (red worse performing, green better performing than national level)

Delivery		England	AT
UOA Delivered	% of Contracted UOA Delivered (2012-13 Yr to Date)	18.0	14.8
Assessment		England	AT
Assessments by category	% of assessments that are Assess and fit appliance	41.4	42.4
Assessments by category	% of assessments that are Assess and refuse	12.7	12.6
Assessments by category	% of assessments that are Assess and review	45.9	45.0
Age at assessment	% of reported assessments and review where patient is 9 years old or under	13.0	8.5
Treatment		England	AT
Cases reported complete as a function assess and fit appliance	Ratio of reported concluded (completed, abandoned or discontinued) courses of treatment to reported assess and fit appliance.	0.9	0.7
Type of appliance used	% of concluded * (completed, abandoned or discontinued) courses of treatment reported as using removable appliances only. * currently only using completed	2.0	2.6
Outcomes		England	AT
UOAs reported per completed case	Ratio of the number of UOAs reported per reported completed case (not including abandoned or discontinued cases)	28.0	34.8
Reported PAR Scoring: actual versus expected	% of contracts <u>meeting</u> their expected reporting of PAR scores	63.9	65.8
Abandoned or discontinued care	% of concluded (completed, abandoned or discontinued) courses of treatment where treatment is reported as abandoned or discontinued	8.8	9.0

Summary

“Priority” Contracts nominally identified by number of flags
Stressed throughout policies and guidance that further
assessment and triangulation of other information is required.

Priority?	Contract & Name or Company Name	Total Flags	Under-delivering UOA	% Assess and fit appliance	% Assess and refuse	% Assess and review	% assessments & review where patient is 9 years old or under	Ratio of <u>concluded</u> treatment to assess and fit	% of <u>concluded</u> * using removable appliances only.	Ratio of UOAs per <u>completed</u> case	Reported PAR Scoring: actual versus expected	% of <u>concluded</u> CoTs where treatment abandoned or discontinued
1	Contract 1	4	N	Y	Y	N	N	Y	N	Y	N	N
2	Contract 2	4	N	N	N	Y	N	Y	N	Y	Y	N
3	Contract 3	4	Y	N	N	N	N	Y	N	Y	Y	N
4	Contract 4	3	Y	N	N	N	N	Y	N	Y	N	N
5	Contract 5	3	N	N	N	N	N	Y	N	Y	Y	N

Contract Profile

Short Profile of each contract including :

- Years open
- Age Profile
- IOTN
- PAR scoring

Contract Data & Profile

(QXX) Anon Area Team

12 months Jul 2012 to

Contract 1

◀ Choose contract from drop down to change data below

LA Name	LA Anon
PCO Code	5XX
Contract	xxxxxxx/xxxxx
Name or Company Name	Mr A Non
Purpose of Contract	Orthodontic
Contract Type	PDS
Contract Sub Type	Normal
Contract Start Date	01/04/2006
Contract End Date	none
Years Contract Open	7.2
Contracted UOA	21,746
Carry Forward UOA	0

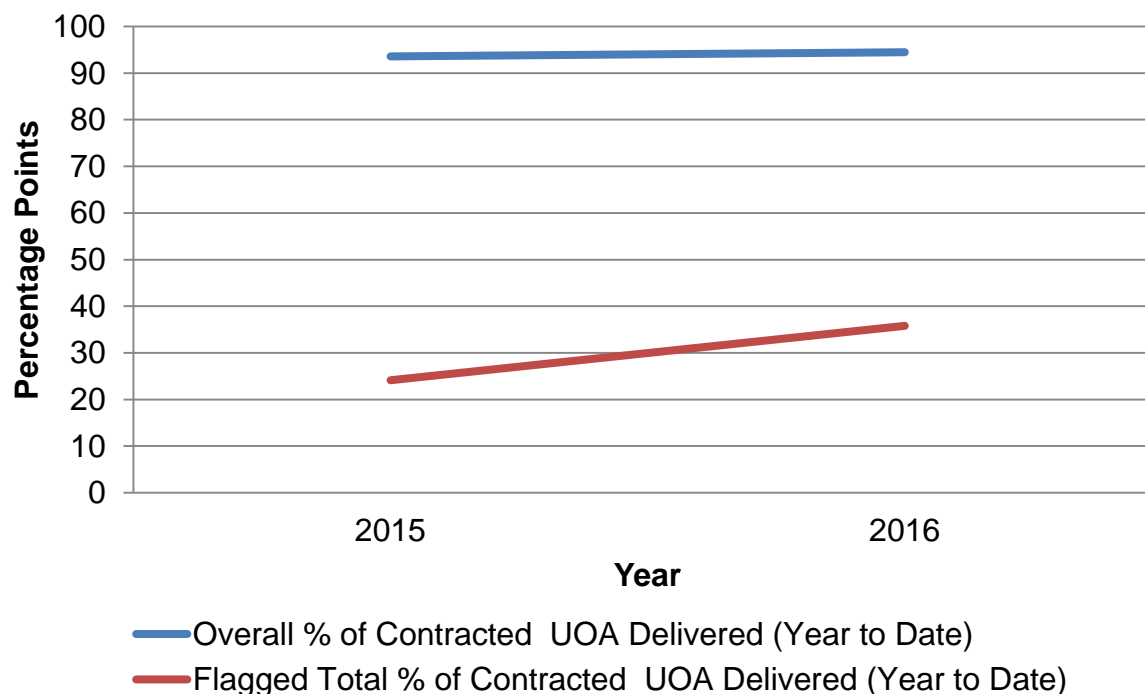
Year To Date	
UOA Scheduled	7,453
Adjusted Scheduled UOA	7,453
Delivery Level	Risk of Early Delivery

Contract compared to England ; *red worse performing* , *green better performing* than national level (see Overall Rates tables for description)

Indicator	Measure	Contract	Flagged?	England	AT
Delivery	% of Contracted UOA Delivered (PY to Date)	34.3	N	18.0	14.8
Assessment	% of assessments that are Assess and fit appliance	31.3	Y	41.4	42.4
	% of assessments that are Assess and refuse	20.7	Y	12.7	12.6
	% of assessments that are Assess and review	48.1	N	45.9	45.0
	% of assess and review where patient is 9 years old or under	5.2	N	13.0	8.5
Treatment	Ratio of concluded CoT to reported assess and fit appliance	0.7	Y	0.9	0.7
	% of concluded CoT reported as using removable appliances only.	0.6	N	2.0	2.6
Outcomes	Ratio of UOAs reported per reported completed case	36.0	Y	28.0	34.8
	Reported PAR Scoring: actual versus expected	360(95.7)	N	n/a	n/a
	% of concluded CoT reported as abandoned or discontinued	9.4	N	8.8	9.0
Total Flags		4			

Orthodontic DAF England March 2016

Delivery		2015 %	2016 %	Difference
UOA Delivered	Overall % of Contracted UOA Delivered (Year to Date)	93.6	94.5	0.9
	Flagged Total % of Contracted UOA Delivered (Year to Date)	24.1	35.8	11.7

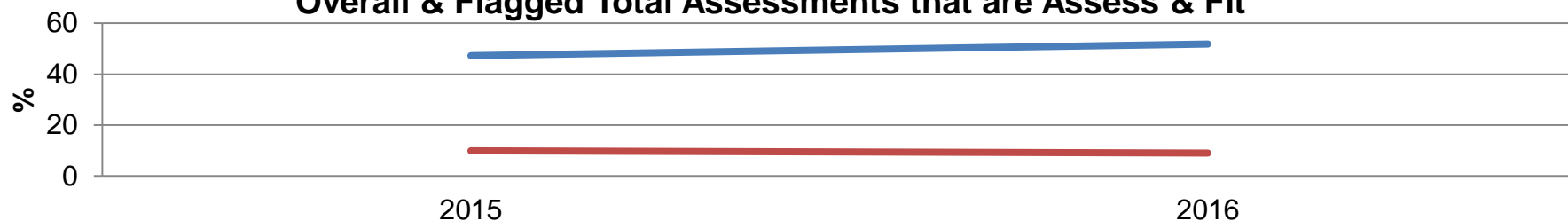


Orthodontic DAF England March 2016

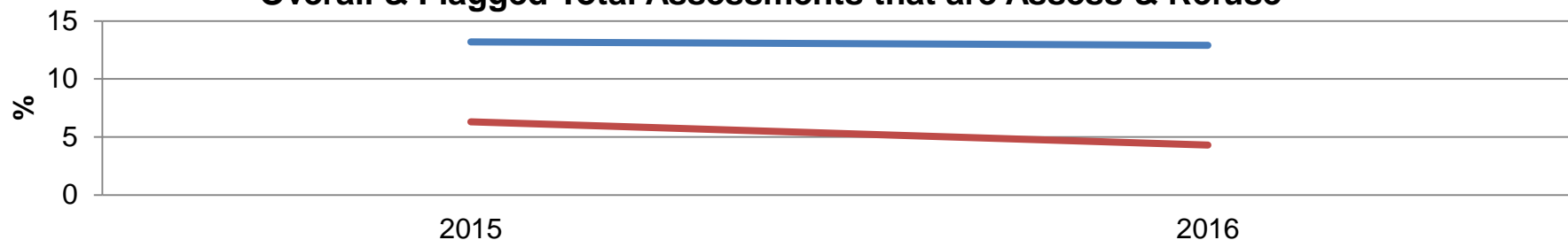
Assessment		2015 %	2016 %	Difference
Assessments by category	Overall % of assessments that are Assess and fit appliance	47.3	51.8	4.5
	Flagged Total % of assessments that are Assess and fit appliance	9.9	9.0	-0.9
Assessments by category	Overall % of assessments that are Assess and refuse	13.2	12.9	-0.3
	Flagged Total % of assessments that are Assess and refuse	6.3	4.3	-2.0
Assessments by category	Overall % of assessments that are Assess and review	39.5	35.3	-4.2
	Flagged Total % of assessments that are Assess and review	11.9	10.0	-1.9

Orthodontic DAF England March 2016

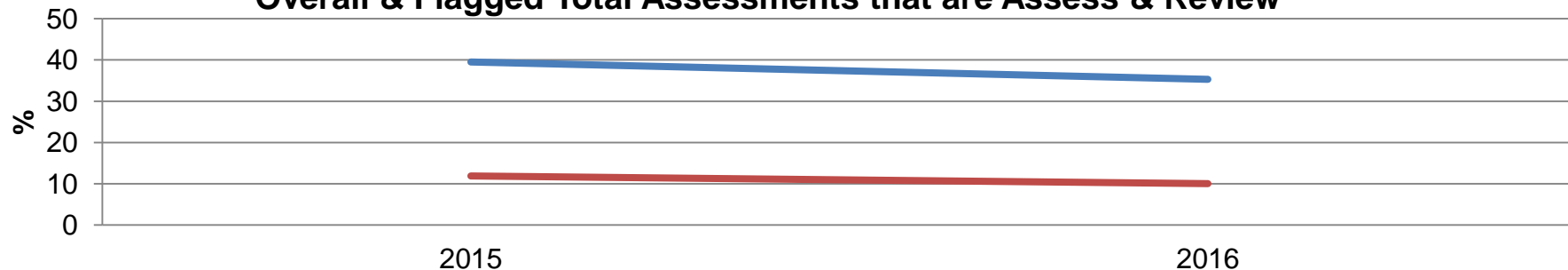
Overall & Flagged Total Assessments that are Assess & Fit



Overall & Flagged Total Assessments that are Assess & Refuse

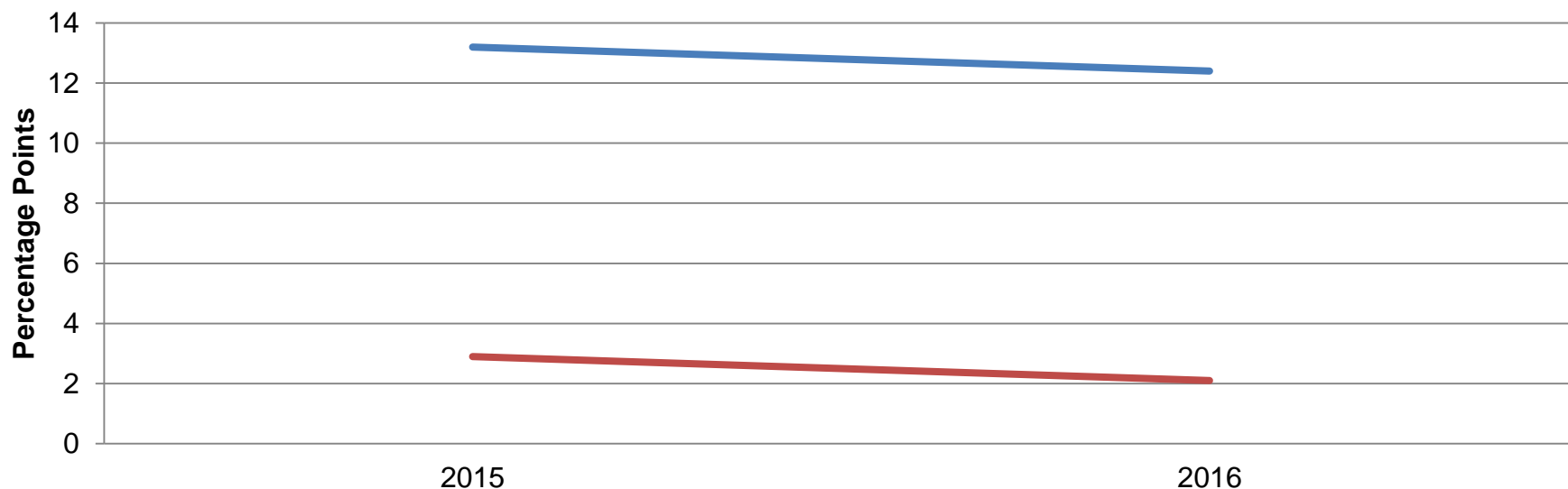


Overall & Flagged Total Assessments that are Assess & Review



Orthodontic DAF England March 2016

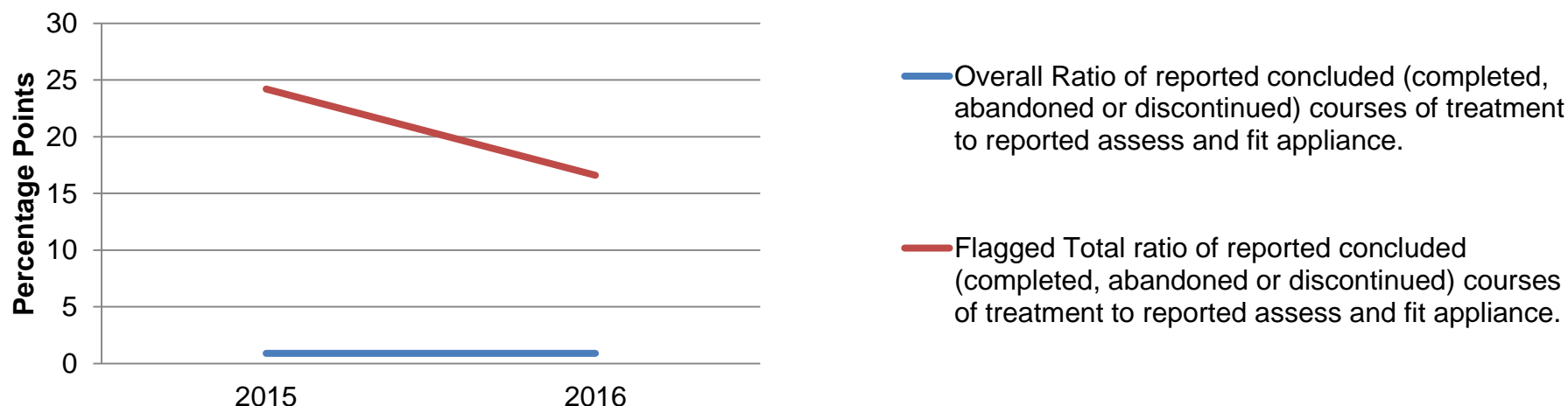
Assessment		2015 %	2016 %	Difference
Age at assessment	Overall % of reported assessments and review where patient is 9 years old or under	13.2	12.4	-0.8
	Flagged Total % of reported assessments and review where patient is 9 years old or under	2.9	2.1	-0.8



- Overall % of reported assessments and review where patient is 9 years old or under
- Flagged Total % of reported assessments and review where patient is 9 years old or under

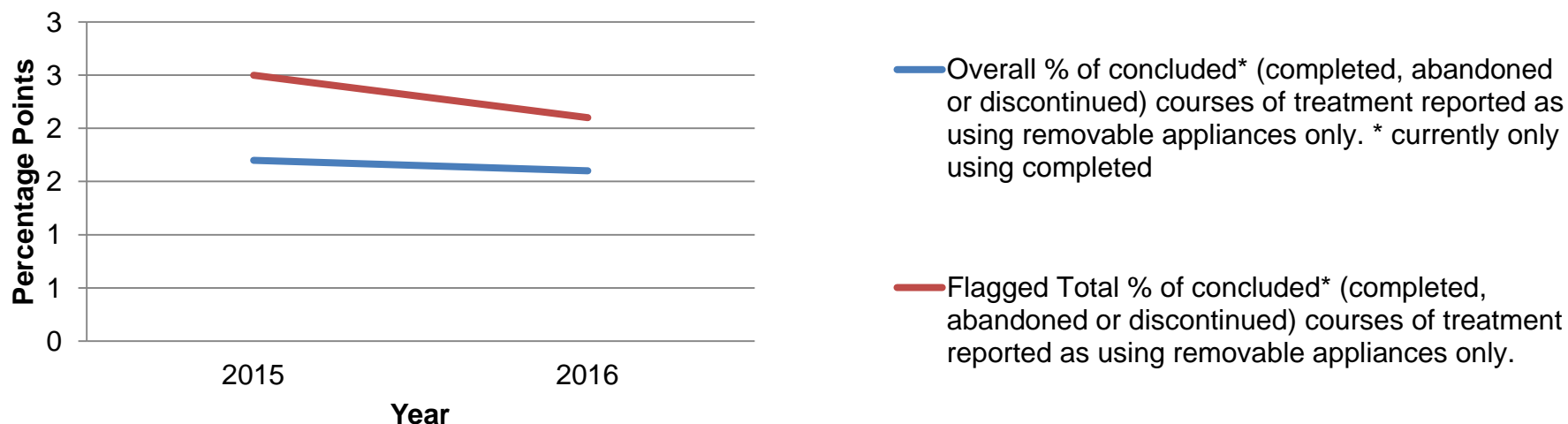
Orthodontic DAF England March 2016

Treatment		2015 %	2016 %	Difference
Cases reported complete as a function assess and fit appliance	Overall ratio of reported <u>concluded</u> (completed, abandoned or discontinued) courses of treatment to reported assess and fit appliance.	0.9	0.9	0.0
	Flagged Total ratio of reported <u>concluded</u> (completed, abandoned or discontinued) courses of treatment to reported assess and fit appliance.	24.2	16.6	-7.6



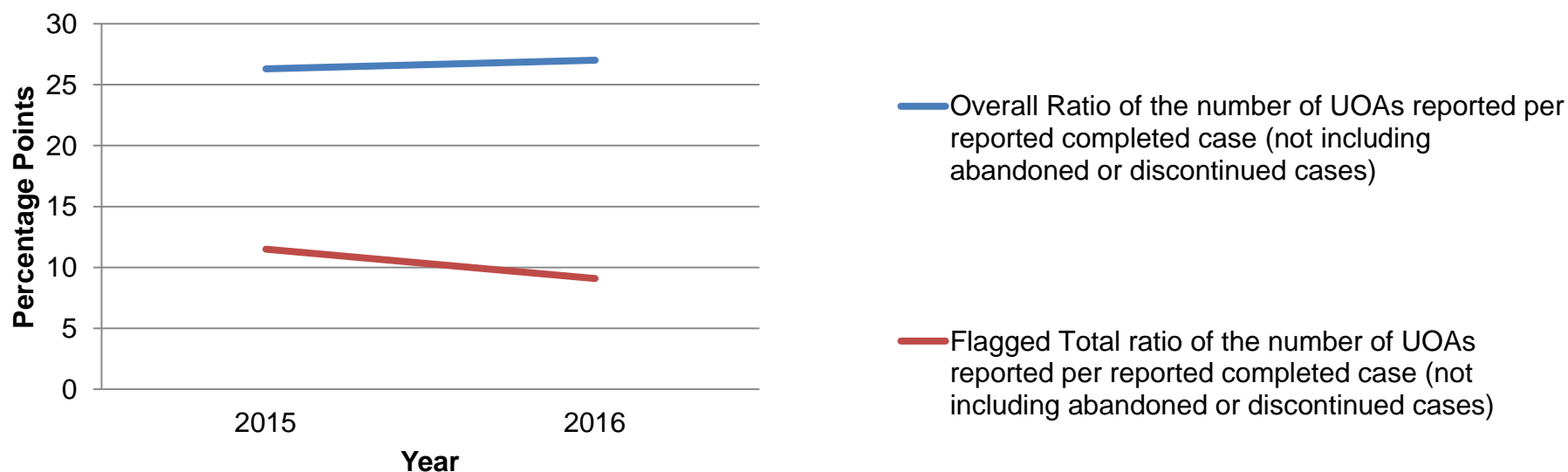
Orthodontic DAF England March 2016

Treatment		2015 %	2016 %	Difference
Type of appliance used	Overall % of <u>concluded</u> * (completed, abandoned or discontinued) courses of treatment reported as using removable appliances only. * currently only using completed	1.7	1.6	-0.1
	Flagged Total % of <u>concluded</u> * (completed, abandoned or discontinued) courses of treatment reported as using removable appliances only. * currently only using completed	2.5	2.1	-0.4



Orthodontic DAF England March 2016

Outcomes		2015 %	2016 %	Difference
UOAs reported per completed case	Overall ratio of the number of UOAs reported per reported <u>completed</u> case (not including abandoned or discontinued cases)	26.3	27.0	0.7
	Flagged Total ratio of the number of UOAs reported per reported <u>completed</u> case (not including abandoned or discontinued cases)	11.5	9.1	-2.4



Orthodontic DAF England March 2016

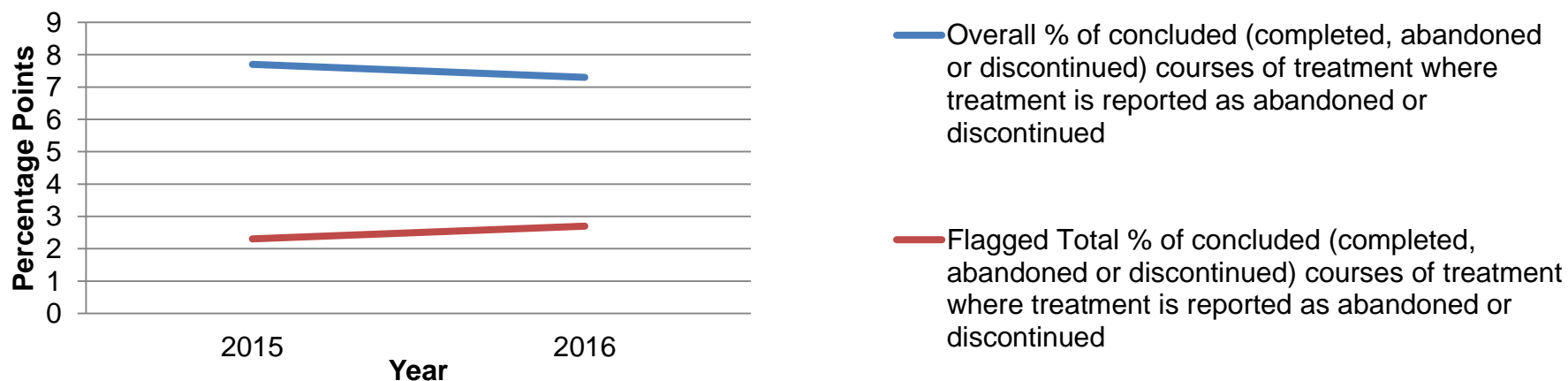
Outcomes		2015 %	2016 %	Difference
Reported PAR Scoring: actual versus expected	% of contracts <u>meeting</u> their expected reporting of PAR scores	67.2	74.5	7.3
	% of contracts <u>not meeting</u> their expected reporting of PAR scores	32.8	25.5	-7.3
Abandoned or discontinued care	% of <u>concluded</u> (completed, abandoned or discontinued) courses of treatment where treatment is reported as abandoned or discontinued	7.7	7.3	-0.4
	% of <u>concluded</u> (completed, abandoned or discontinued) courses of treatment where treatment is reported as abandoned or discontinued	2.3	2.7	0.4

Orthodontic DAF England March 2016

Overall - % of contracts meeting their expected reporting of PAR scores



Overall - % of terminated courses where treatment was abandoned or discontinued



Contract Monitoring Update

- Data Collection
(FP 17 O / Patient Questionnaires)
- Vital Signs Reports
- Dental Assurance Framework Reports
- Transitional Commissioning Guidance Indicators
- 2015/16 activity
- Clinical Monitoring and Reporting

Transitional Commissioning of Primary Care Orthodontic Services

Quality and Value Audit Framework

There are a total of five indicators, each contributing to a maximum of 20% of the total score. NHSDS is only able to provide information for indicators 1, 2 and 4.

Indicator	Area	Indicator detail
1	Value for Money	Current Unit of Orthodontic Activity (UOA) value
2	Efficiency	Case assessments versus case starts
3	Outcome	Peer Assessment Rating
4	Outcome	Completion of cases started
5	Patient Experience	Referral to treatment within 18 weeks*

Transitional Commissioning of Primary Care Orthodontic Services

Each indicator was given a rating as follows:

Rating	%
'Excellent' (or 'Best practice')	20
'Good'	15
'Acceptable'	10
'Unacceptable'	0

Transitional Commissioning of Primary Care Orthodontic Services

Recommended action:

Overall rating %	Action
------------------	--------

90% +	Extend contract by 3 years (rolling)
70%-85%	Extend contract by 2 years (with 90% target)
50%-65%	One year to improve to 70% +
<50%	6 months to improve to 70% +

Transitional Commissioning of Primary Care Orthodontic Services

Quality and Value Audit Framework

There are a total of five indicators, each contributing to a maximum of 20% of the total score. NHSDS is only able to provide information for indicators 1, 2 and 4.

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1	Value for Money	Current Unit of Orthodontic Activity (UOA) value
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Transitional Commissioning of Primary Care Orthodontic Services

Indicator 2 Efficiency - Ratio of case assessments (assess and accept/review/refuse) to case starts **2013 – 2014 Year**

Percentage of contracts in each rating category by purpose of contract
(base 1,086 contracts with 10 or more case assessments)

Rating	General	Mixed	Orthodontic	Total
20% (1 to 1.4:1)	5.9	14.9	10.1	11.6
15% (1.5 to 1.9:1)	16.2	20.7	21.5	20.9
10% (2 to 3.9:1)	29.4	33.0	52.2	44.0
0% (> or = 4:1)	48.5	31.4	16.1	23.6
Total	100.0	100.0	100.0	100.0

Transitional Commissioning of Primary Care Orthodontic Services

Indicator 2 Efficiency - Ratio of case assessments (assess and accept/review/refuse) to case starts **2014 – 2015 Year**

Percentage of contracts in each rating category by purpose of contract
(base 882 contracts with 10 or more case assessments)

Rating	General	Mixed	Orthodontic	Total
20% (1.0 to 1.4:1)	41.0	33.7	21.6	26.4
15% (1.5 to 1.9:1)	17.9	21.5	29.5	26.4
10% (2.0 to 3.9:1)	35.9	37.8	45.2	42.4
0% (> or = 4.0:1)	5.1	6.9	3.6	4.8
Total	100.0	100.0	100.0	100.0

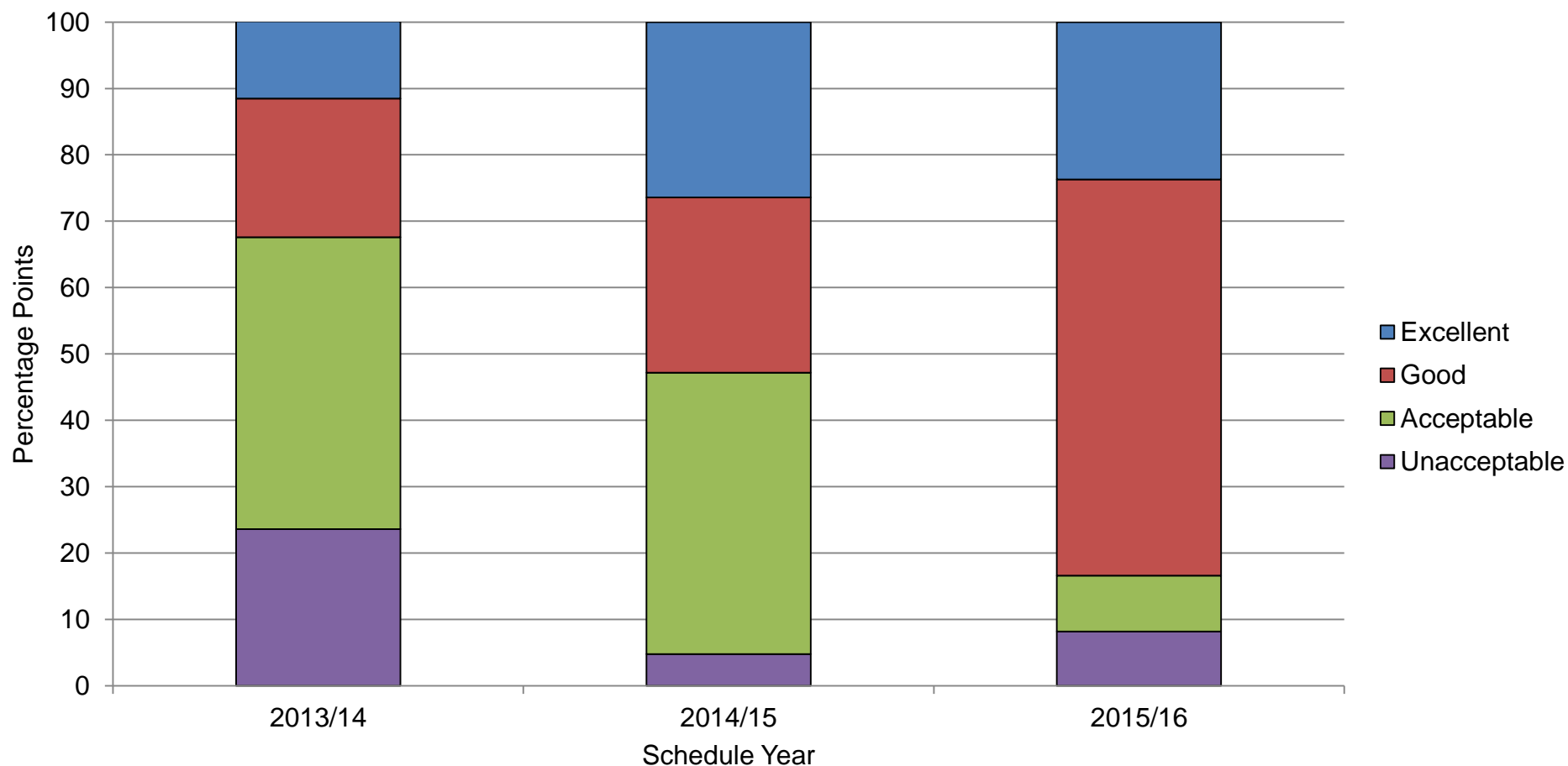
Transitional Commissioning of Primary Care Orthodontic Services **2015/16**

Indicator 2 Efficiency - Ratio of case assessments (assess and accept/review/refuse) to case starts 2015 – 2016 Year

Percentage of contracts in each rating category by purpose of contract
(base 701 contracts with 10 or more case assessments)

Rating	General	Mixed	Orthodontic	Total
20% (1.0 to 1.4:1)	17.5	23.3	23.5	23
15% (1.5 to 1.9:1)	30.0	55.2	64.6	58.3
10% (2.0 to 3.9:1)	17.5	7.8	9.3	9.2
0% (> or = 4.0:1)	35.0	137.	2.6	9.5
Total	100.0	100.0	100.0	100.0

Indicator 2: 'Efficiency' - Ratio of case assessments (assess and accept/review/refuse) to case starts



Transitional Commissioning of Primary Care Orthodontic Services

Quality and Value Audit Framework

There are a total of five indicators, each contributing to a maximum of 20% of the total score. NHSDS is only able to provide information for indicators 1, 2 and 4.

Indicator	Area	Indicator detail
1	Value for Money	Current Unit of Orthodontic Activity (UOA) value
2	Efficiency	Case assessments versus case starts
3	Outcome	Peer Assessment Rating
4	Outcome	Completion of cases started
5	Patient Experience	Referral to treatment within 18 weeks

Transitional Commissioning of Primary Care Orthodontic Services

Indicator 4 Outcomes – Cases that are completed within three years following a treatment start (based on those treatments started in the rolling 12 month period to March 2011)

Percentage of contracts in each rating category by purpose of contract (base 1,076 contracts with 10 or more case starts)

Rating	General	Mixed	Ortho	Total
Excellent (>75%)	18.3	41.9	49.4	44.8
Good (70 - 74%)	11.0	10.9	8.4	9.4
Acceptable (60 - 69%)	11.0	12.8	13.8	13.3
Unacceptable (<60%)	59.8	34.3	28.4	32.6
Total	100.0	100.0	100.0	100.0

Data Analysis: FP170 Reported Completions

It is a statutory requirement to inform the NHSBSA within two months of completion / termination of treatment.

+

Printer Registration

FP170
01/04/2008
Revision 1

+

NHS

Barcode

FP170
01/04/2008
Revision 1

+

Printer Registration

NHSBSA Use Only

Patient's NHS No.

Part 1 Provider name, address and location number

Part 2 Patient Information - complete in CAPITALS and Black ink

Surname

First Forename

House number followed by Street

City or Town

County

Postcode

Previous surname if changed since last visit

Title

Sex **M** or **F**

Date of Birth

Part 3 Exemptions and remissions

Patient under 18

Full remission - HC2 cert.

Partial remission - HC3 cert.

Expectant mother

Nursing mother

Aged 18 in full-time education

Income support

NHS tax credit exemption

Jobseekers allowance (IB)

Pension credit guarantee credit

Prisoner

Evidence of Exemption or Remission not seen

Patient charge collected

Part 4 Orthodontic Data Set - Treatment Proposed/Treatment Provided

Radiograph(s)

Removable upper appliance

Removable lower appliance

Fixed upper appliance

Fixed lower appliance

Functional appliance

Retainer upper

Retainer lower

Extractions

Part 5 Orthodontic Assessment and Treatment Start

Assessment & review

Assess & refuse treatment

Assess & appliance fitted

Date of Referral

Part 6 Orthodontic Completion

Treatment abandoned - patient failed to return

Treatment abandoned - patient requested

Treatment discontinued

Treatment completed

PAR scores calculated

Enter value

Enter value

IOTN

Aesthetic component

IOTN not applicable

Repair to appliance fitted by another dentist

Regulation 11 replacement appliance

Date of completion or last visit

All the currently necessary care and treatment that the patient is willing to undergo has been carried out.

Business Services Authority.

Signature

Date

Data Analysis: FP17O

Reported Completions 2011/12

- Orthodontic case starts: 193,418
- Reported completions: 141,591 (73.2%)
- 'Matched' completions 07/08: 68.9%

Data Analysis: FP17O

Reported completions 2012/13

- Orthodontic case starts: 209,072
- Reported completions: 162,370 (77.7%)

Data Analysis: FP17O

Reported completions 2013/14

- Orthodontic case starts: 201,977
- Reported completions: 165,827 (82.1%)

Data Analysis: FP17O

Reported completions **2014/15**

- Orthodontic case starts: 203,152
- Reported completions: 163,561 (80.5%)

Data Analysis: FP17O

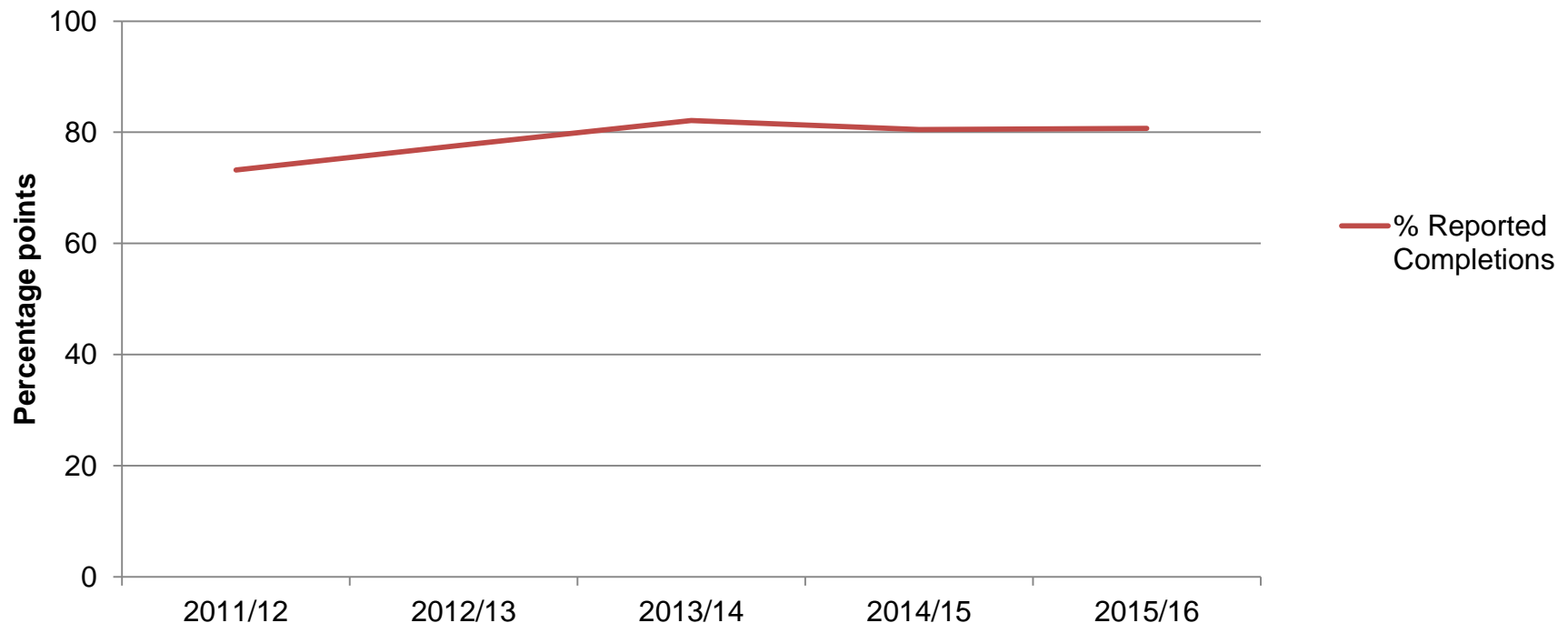
Reported completions **2015/16**

- Orthodontic case starts: 205,688
- Reported completions: 166,327 (80.9%)

Data Analysis: FP170

Reported completions trend

Reported Completions



Orthodontic Treatment Completions

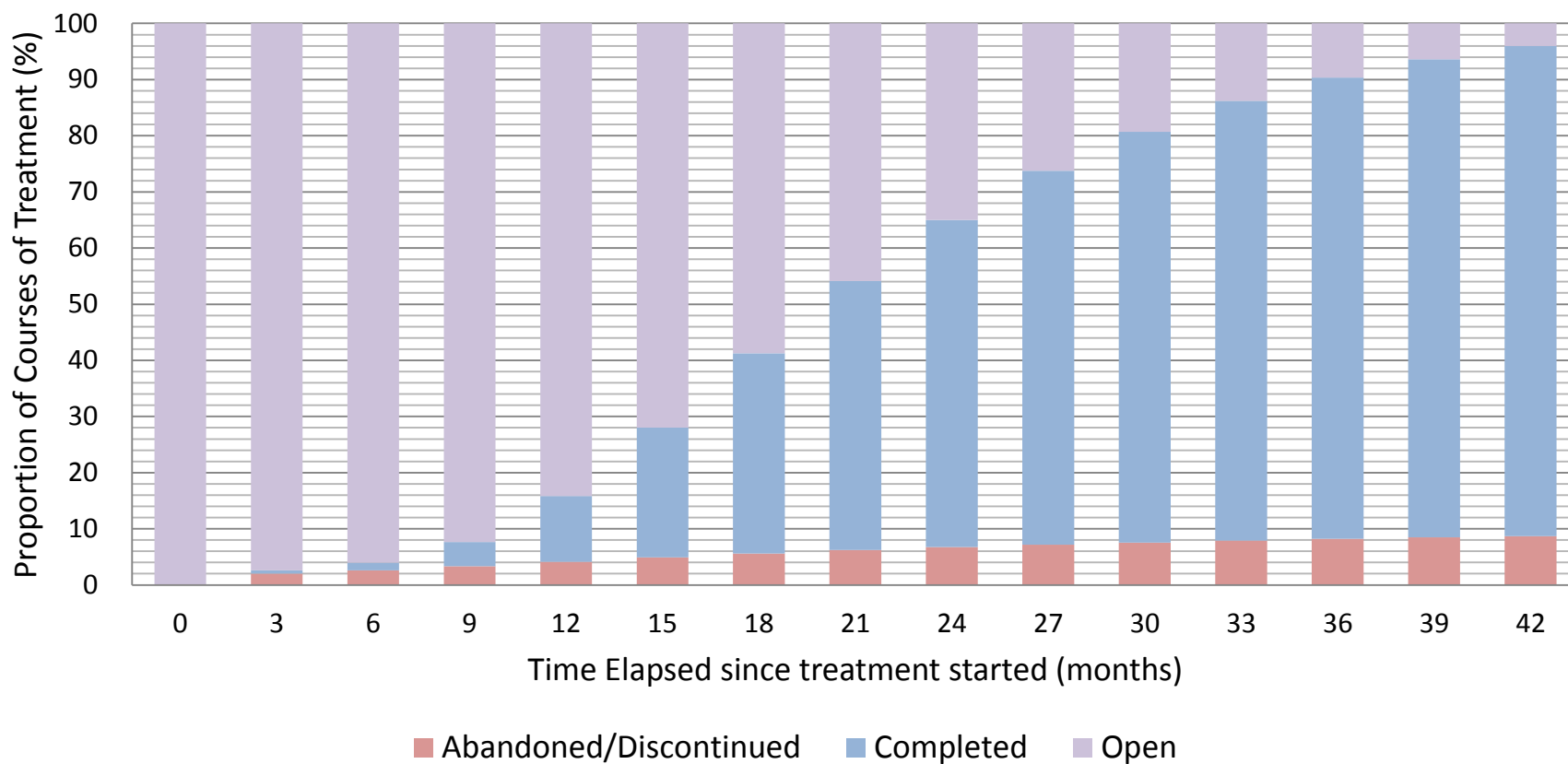
A longitudinal analysis of orthodontic treatments

- An analysis was undertaken of orthodontic courses of treatment started in 2010, covering England & Wales, to assess how, when and if the courses of treatment were completed over a five year period.

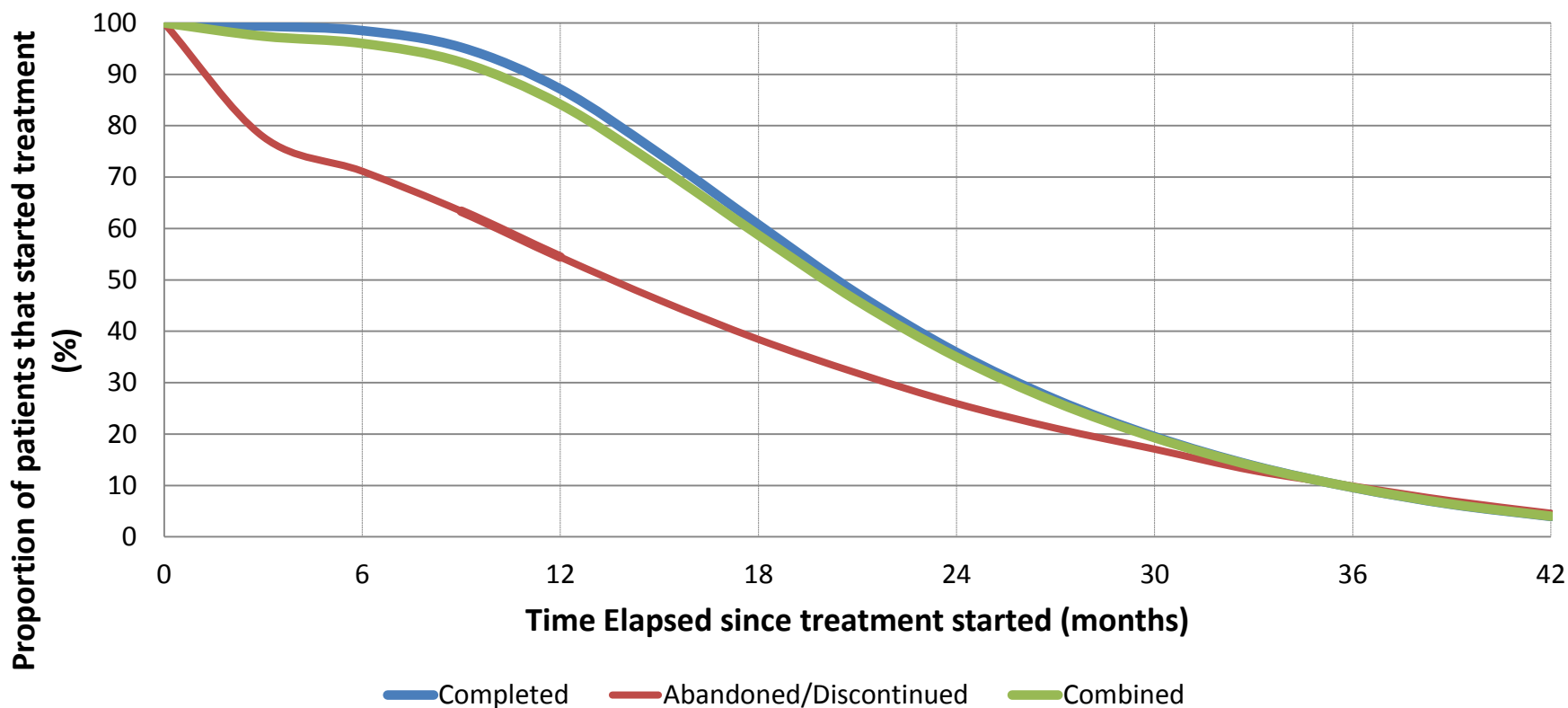
Table 1: Summary of patient cohort for 2010 (not rounded) outcomes based on data available at January 2015

Treatment Outcome	FP17Os	Sub-total	Total	Percentage of Total (%)	Percentage of Sub-total (%)
Treatment abandoned	9,700			5	6
Treatment completed	144,472			72	91
Treatment discontinued	4,936			2	3
		159,108			100
Unknown outcome	41,300			21	
Second assess and appliance fitted	683			0	
		41,983			
Total			201,091	100	
Assess and appliance fitted			201,091		

Orthodontic Treatment pattern of activity for known outcomes



Survival Rate Analysis - Proportion of patients continuing with orthodontic treatment for known outcomes - completed vs abandoned/discontinued - aged 11 - 17



Orthodontic Treatment Completions:

A longitudinal analysis of reported completions

- Survival analysis, tracking patients that continue with the course of treatment shows that the rate of treatments abandoned/discontinued decreased exponentially over time. Using combined information from the two sets of patients shows that only 84 per cent of patients continue with treatment beyond 12 months, this falls to 59 per cent at 18 months and 35 per cent at 24 months.

Orthodontic Treatment Completions:

A longitudinal analysis of reported completions

- The median life-time (period for survival rate to fall to 50 per cent for reported completions) was 12 – 15 months for abandoned/discontinued cases, compared with 18 – 24 months for completed cases.
- The overall averages for patients aged 11 – 17 that subsequently abandoned/discontinued their treatment was 13 - 14 months and for patients that completed their treatment it was 20 - 21 months.

Orthodontic Treatment Completions:

A longitudinal analysis of reported completions

- Around 20,000 cases started in 2010 were submitted as “Treatment completed” within 12 months.
- Investigation of the treatment items proposed at the start of very short lived “completed” cases revealed that no fixed appliance was proposed in over half of the courses of treatment that lasted less than six months.

Range of treatment items proposed at start of completed courses of treatment

Table 6: Range of treatment items proposed at start of completed courses of treatment

	Proportion of courses of treatment with clinical data item (%)					
Duration	No Clinical Data	Removable Appliance	Fixed Appliance	Functional Appliance	Retainer	Number of Patients (000's)
0 – 6 months	9.9	43.2	48.6	5.1	44.8	4
6 – 12 months	7.3	9.7	84.4	3.8	77.0	17
12 – 24 months	6.2	10.0	90.7	8.8	83.2	72
Over 24 months	7.1	19.6	88.0	17.8	81.9	51

Orthodontic Treatment Completions:

A longitudinal analysis of reported completions

- Males were less likely than females to complete treatment
- 12 and 13 year olds had the highest chance of completion, 14 year olds were marginally better than 11 year olds and chances of completion gradually diminish with age above 14.
- Prospects for completion were improved where a definite need (based on IOTN DHC score and/or Aesthetic Component score) was established.

Orthodontic Treatment Completions:

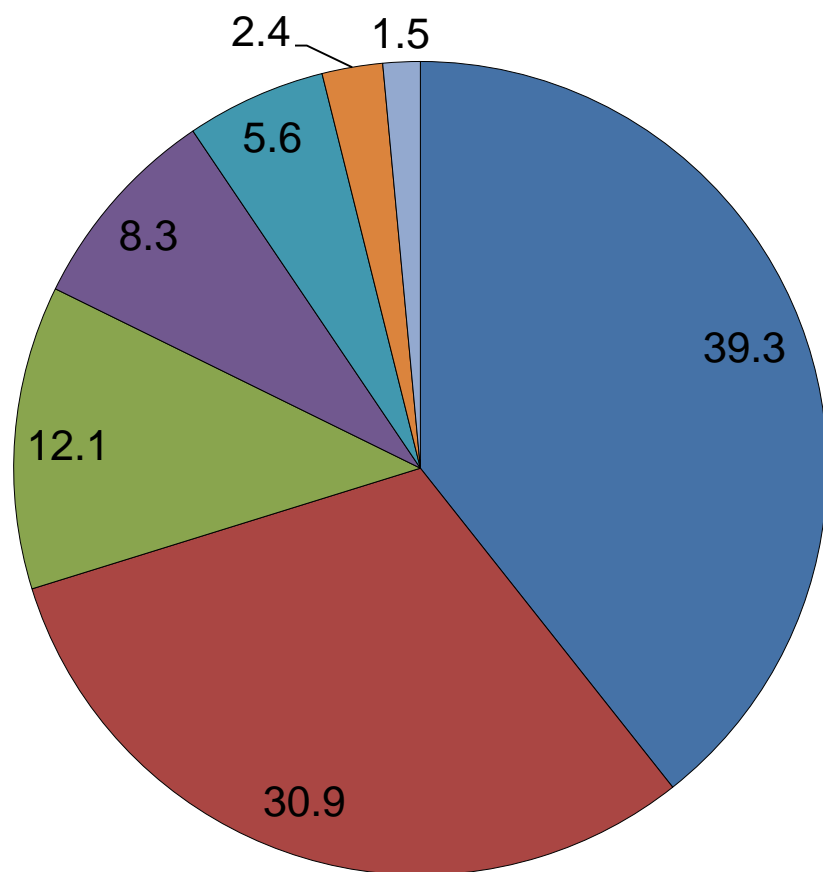
A longitudinal analysis of reported completions

- Contracts that failed to provide termination FP17Os also failed to achieve as many completions as expected (based on the outcome FP17Os they had submitted). There were 29 outlier contracts highlighted from the 2010 dataset.

Contract Monitoring Update

- Data Collection
(FP 17 O / Patient Questionnaires)
- Vital Signs Reports
- Dental Assurance Framework Reports
- Transitional Commissioning Guidance Indicators
- 2015/16 activity
- Clinical Monitoring and Reporting

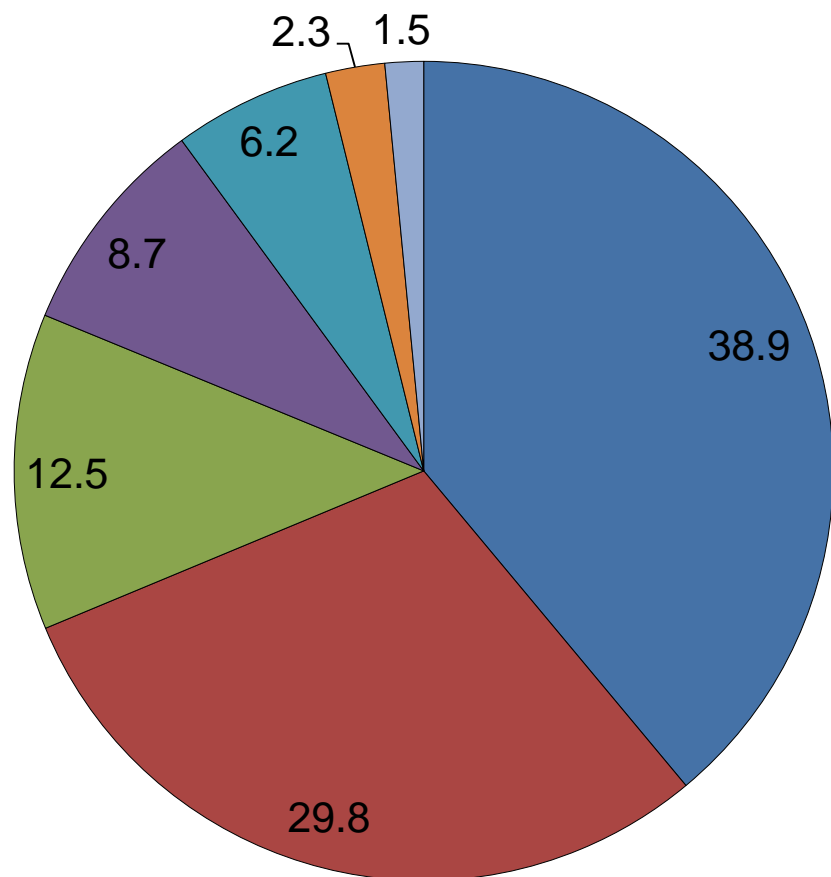
Reported IOTN scores for Assess and Refuse cases 2013-2014 (England & Wales)



- IOTN 3 (Ineligible)
- IOTN 2
- IOTN 4
- Missing IOTN
- IOTN 5
- IOTN 1
- IOTN 3 (Eligible)

IOTN 3 (Ineligible)	23,956	39.3
IOTN 2	18,785	30.9
IOTN 4	7,345	12.1
Missing IOTN	5,043	8.3
IOTN 5	3,384	5.6
IOTN 1	1,467	2.4
IOTN 3 (Eligible)	900	1.5
Assess and Refuse FP17s	60,880	100.0

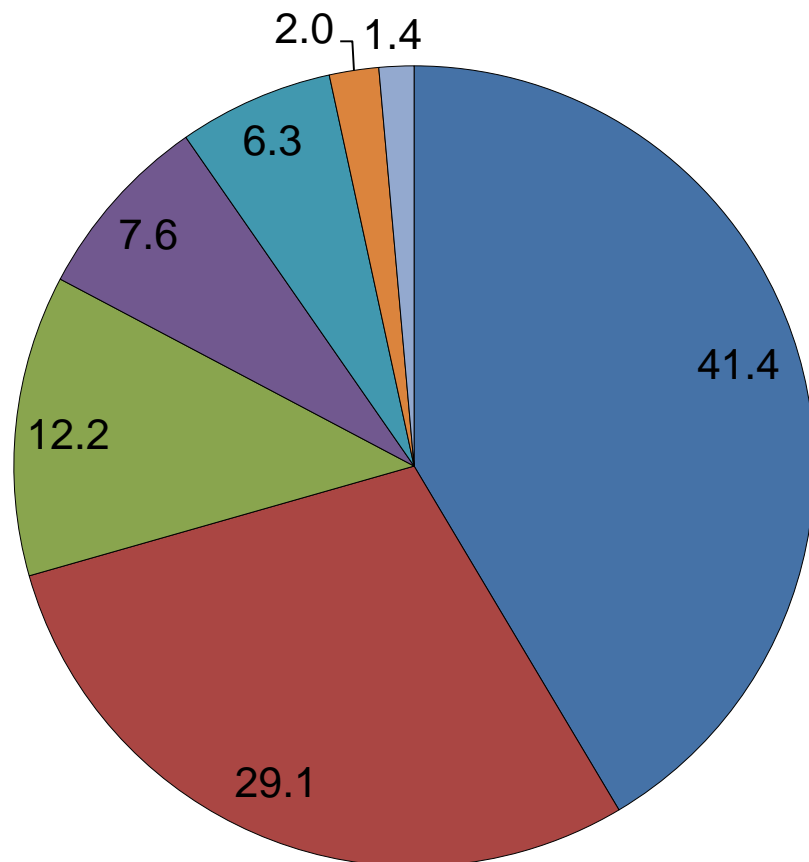
Reported IOTN scores for Assess and Refuse cases 2014-2015 (England & Wales)



- IOTN 3 (Ineligible)
- IOTN 2
- IOTN 4
- Missing IOTN
- IOTN 5
- IOTN 1
- IOTN 3 (Eligible)

IOTN 3 (Ineligible)	21,363	38.9
IOTN 2	16,340	29.8
IOTN 4	6,847	12.5
Missing IOTN	4,792	8.7
IOTN 5	3,405	6.2
IOTN 1	1,280	2.3
IOTN 3 (Eligible)	833	1.5
Assess and Refuse FP17s	54,860	100.0

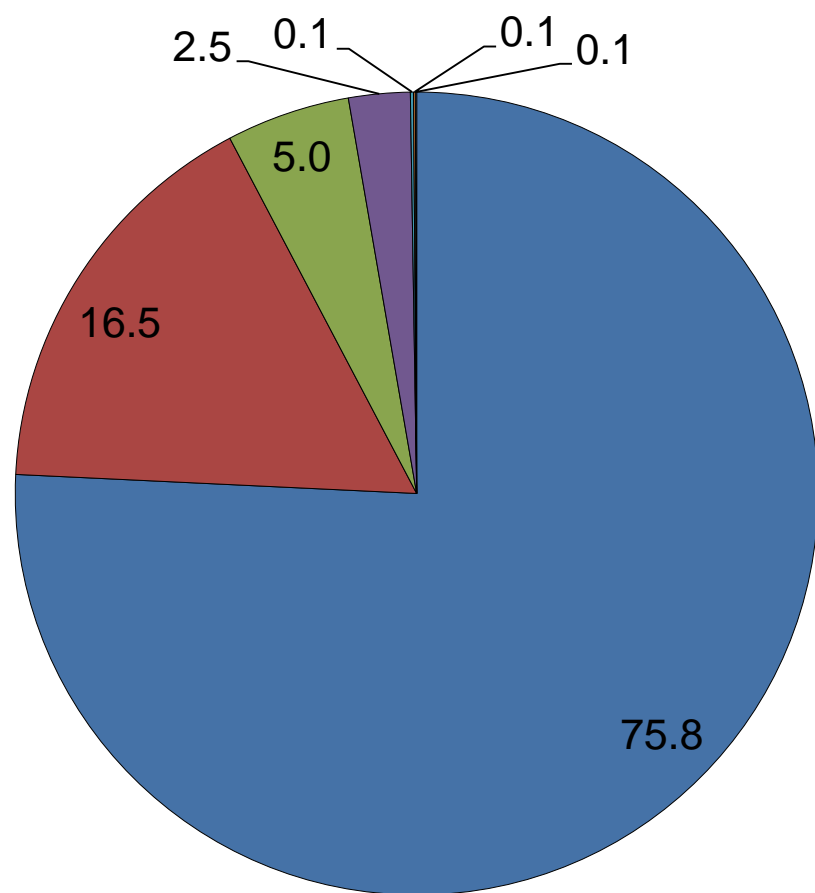
Reported IOTN scores for Assess and Refuse cases 2015-2016* (England & Wales)



- IOTN 3 (Ineligible)
- IOTN 2
- IOTN 4
- Missing IOTN
- IOTN 5
- IOTN 1
- IOTN (Eligible)

IOTN 3 (Ineligible)	14,744	41.4
IOTN 2	10,364	29.1
IOTN 4	4,325	12.2
Missing IOTN	2,705	7.6
IOTN 5	2,226	6.3
IOTN 1	709	2.0
IOTN (Eligible)	501	1.4
Assess and Refuse FP17s	35,574	100.0

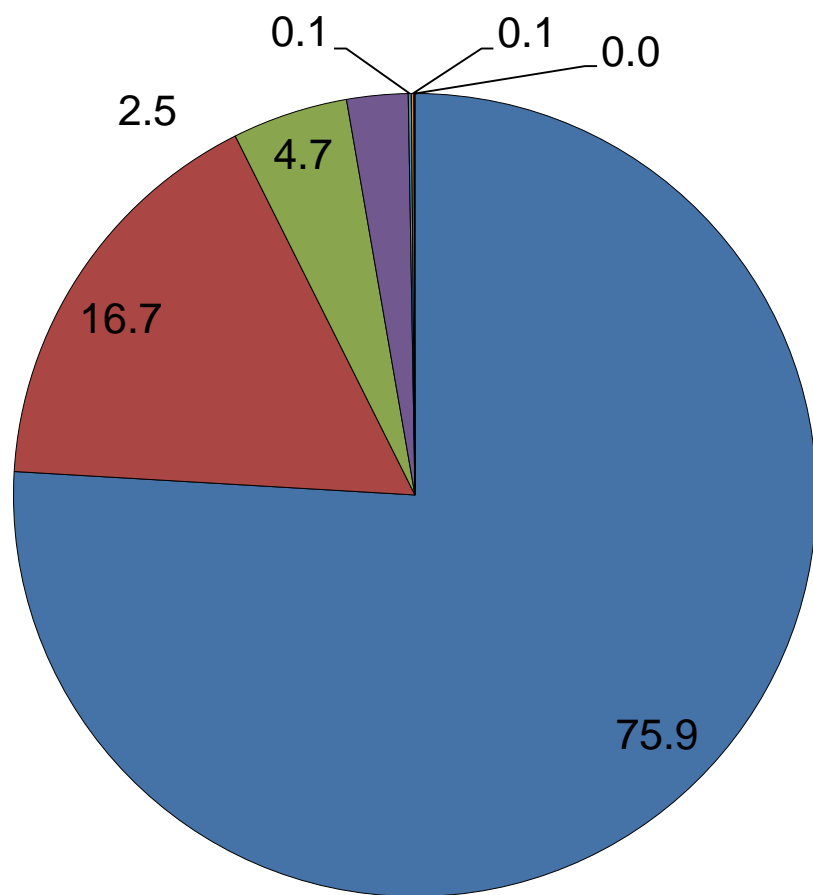
Reported IOTN scores for Case Starts **2013-2014** (England & Wales)



- IOTN 4
- IOTN 5
- IOTN 3 (Eligible)
- Missing IOTN
- IOTN 3 (Ineligible)
- IOTN 2
- IOTN 1

IOTN 4	153,011	75.8
IOTN 5	33,399	16.5
IOTN 3 (Eligible)	10,063	5.0
Missing IOTN	4,997	2.5
IOTN 3 (Ineligible)	251	0.1
IOTN 2	148	0.1
IOTN 1	108	0.1
Assess and Accept FP17s	201,977	100.0

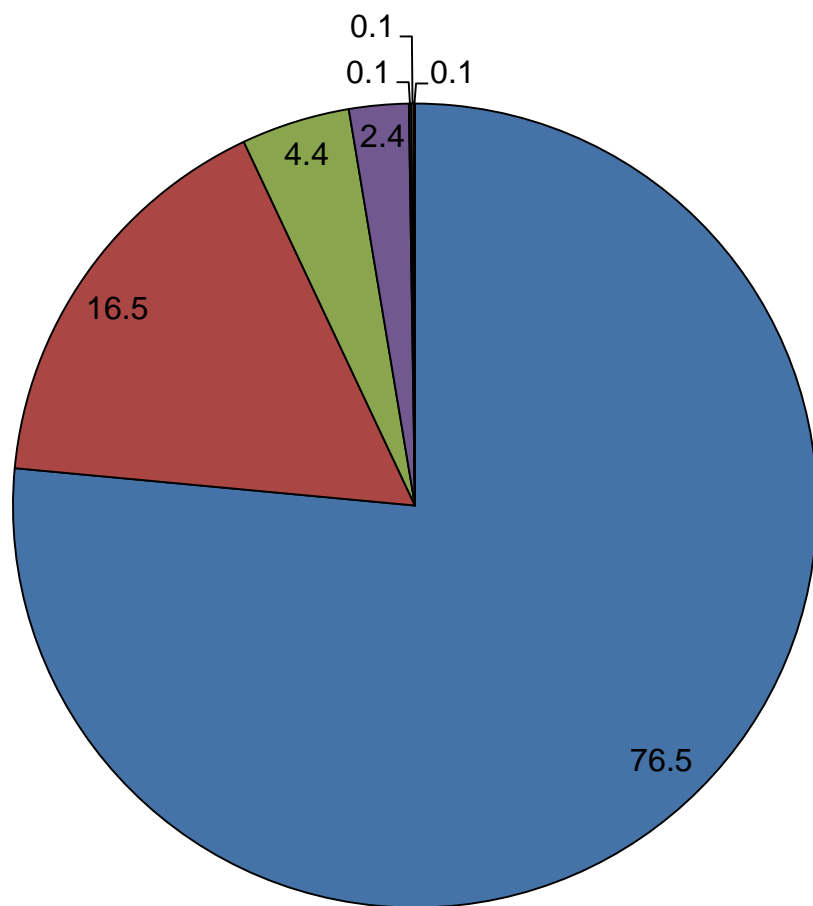
Reported IOTN scores for Case Starts **2014-2015** (England & Wales)



- IOTN 4
- IOTN 5
- IOTN 3 (Eligible)
- Missing IOTN
- IOTN 3 (Ineligible)
- IOTN 2
- IOTN 1

IOTN 4	154,067	75.9
IOTN 5	33,850	16.7
IOTN 3 (Eligible)	9,447	4.7
Missing IOTN	4,997	2.5
IOTN 3 (Ineligible)	248	0.1
IOTN 2	209	0.1
IOTN 1	86	0.0
Assess and Accept FP17s	202,970	100.0

Reported IOTN scores for Case Starts **2015-2016** (England & Wales)



- IOTN 4
- IOTN 5
- IOTN 3 (Eligible)
- Missing IOTN
- IOTN 3 (Ineligible)
- IOTN 2
- IOTN 1

IOTN 4	154,576	76.5
IOTN 5	33,382	16.5
IOTN 3 (Eligible)	8,825	4.4
Missing IOTN	4,838	2.4
IOTN 3 (Ineligible)	187	0.1
IOTN 2	198	0.1
IOTN 1	103	0.1
Assess and Accept FP17s	202,154	100.0

ORTHODONTIC TREATMENT PROTOCOL

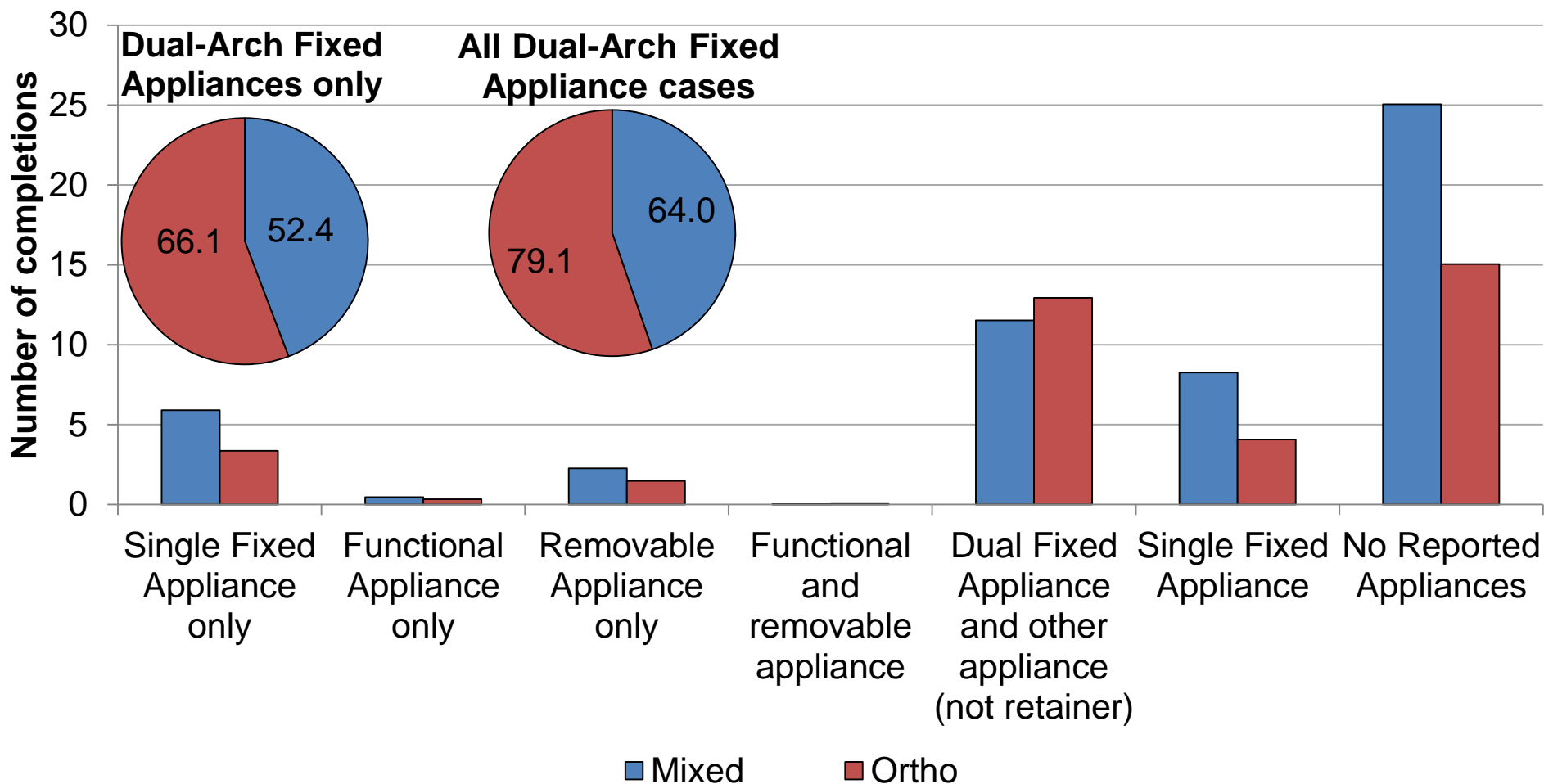
Commissioning Specialist Dental Services

DH Gateway Reference 5865

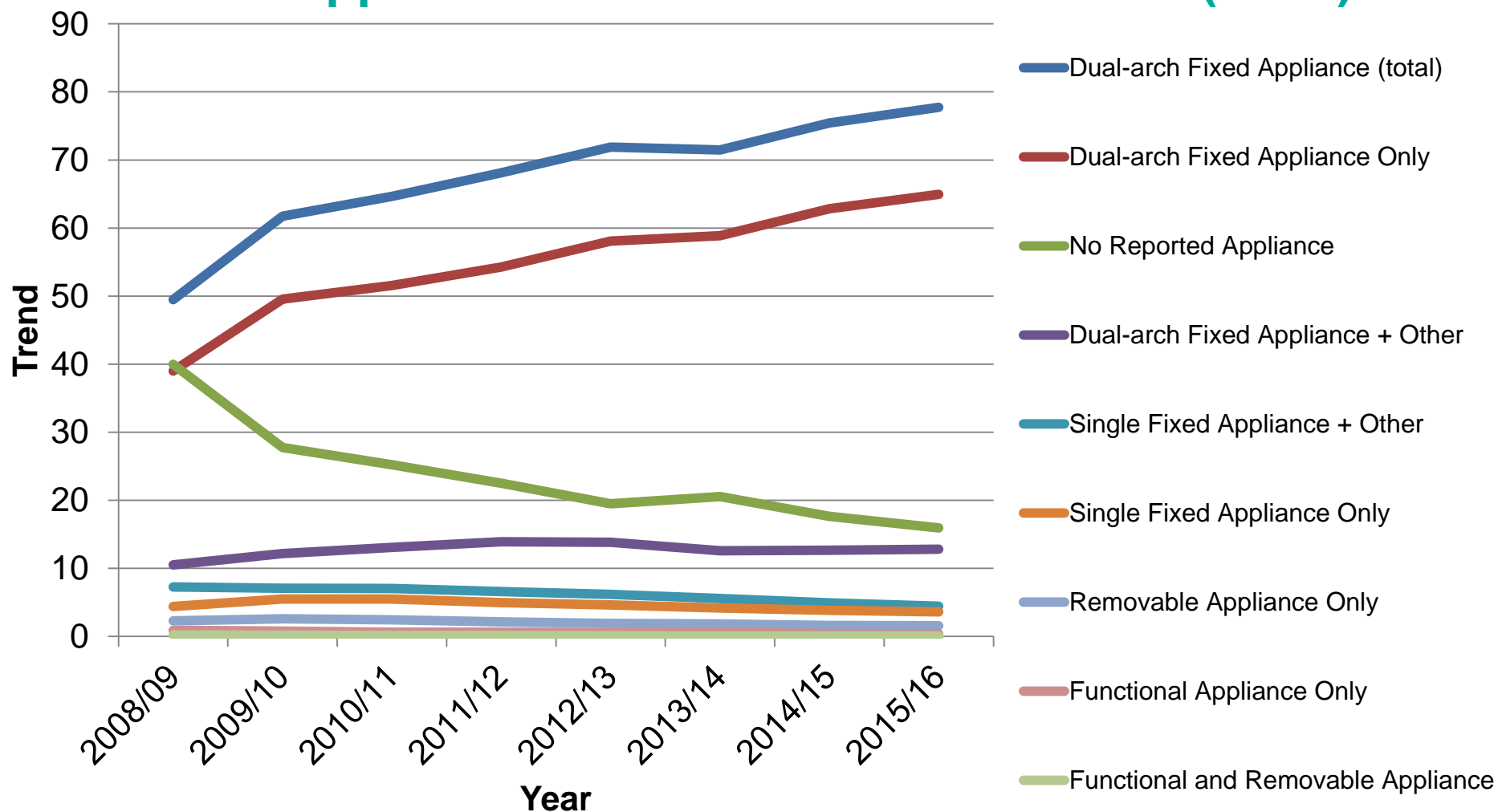
Treatment will normally be completed with fixed orthodontic appliances in both arches.

Treatment of a single arch should only be undertaken where this would be sufficient to achieve the requisite quality of outcome.

Orthodontic Completions 2015/2016* (England & Wales)



Trend for appliances used 2008-09 to 2015-16* (E&W)



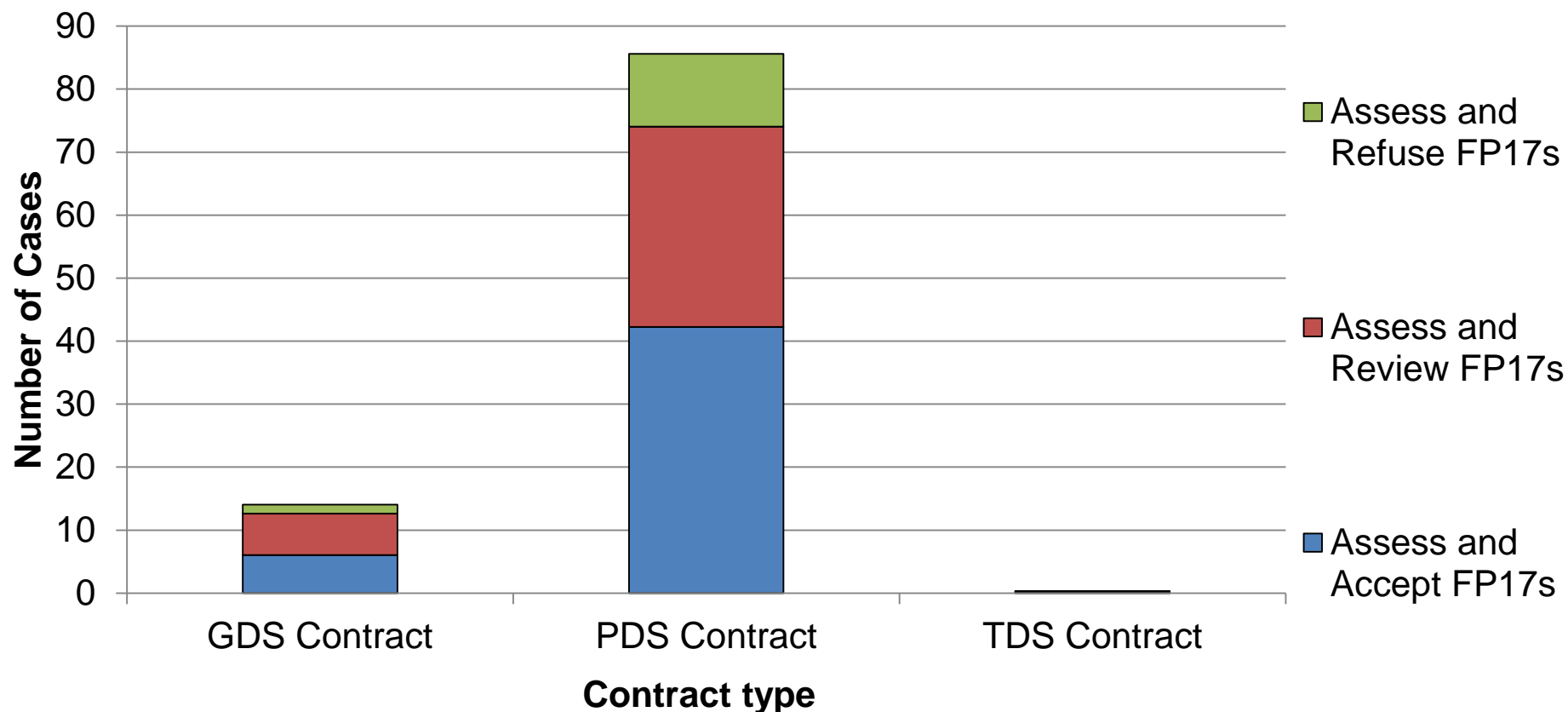
Orthodontic Activity 2014/2015

(England and Wales)

Percentage provision by purpose of contract



Orthodontic Cases by Contract Type 2014-2015 (England & Wales)



Orthodontic Activity 2013/2014 (England and Wales)

Purpose of Contract	Total UOA	Assess and Accept UOAs	Assess and Review UOAs	Assess and Refuse UOAs
General	54,043	49,155	4,255	575
General and Orthodontic	479,940	449,808	25,084	4,675
Orthodontic	3,912,254	3,673,280	182,513	55,637
Total	4,446,237	4,172,243	211,852	60,887

Assess and Accept UOAs: 93.8%

Assess and Review UOAs: 4.8%

Assess and Refuse UOAs: 1.4%

Orthodontic Activity 2014/2015 (England and Wales)

Purpose of Contract	Total UOA	Assess and Accept UOAs	Assess and Review UOAs	Assess and Refuse UOAs
General	49,688	46,266	2,975	405
General and Orthodontic	467,151	439,021	22,899	4,845
Orthodontic	3,899,257	3,713,822	135,627	49,257
Total	4,416,096	4,199,109	161,501	54,507

Assess and Accept UOAs: 95.1%

Assess and Review UOAs: 3.7%

Assess and Refuse UOAs: 1.2%

Orthodontic Activity 2015/2016* (England and Wales)

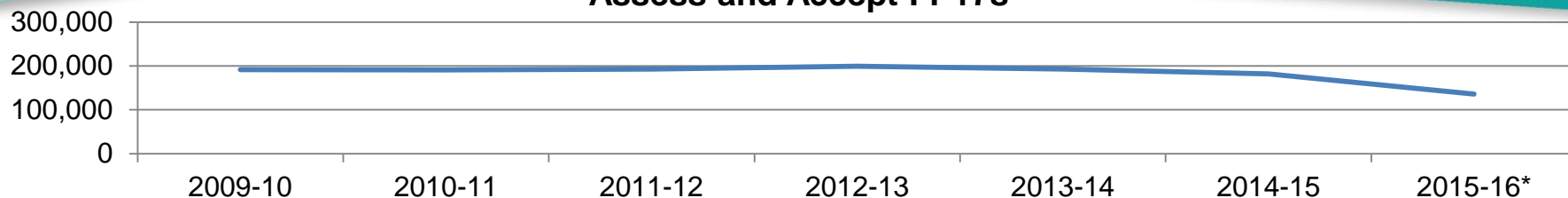
Purpose of Contract	Total UOA	Assess and Accept UOAs	Assess and Review UOAs	Assess and Refuse UOAs
General	30,303	28,325	1,700	265
General and Orthodontic	322,666	306,782	12,380	3,318
Orthodontic	2,733,257	2,618,629	82,392	31,927
Total	3,086,225	2,953,736	96,472	35,510

Assess and Accept UOAs: 95.7%

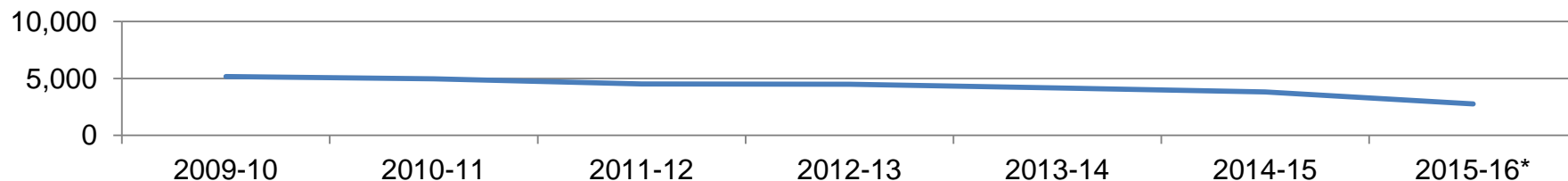
Assess and Review UOAs: 3.1%

Assess and Refuse UOAs: 1.2%

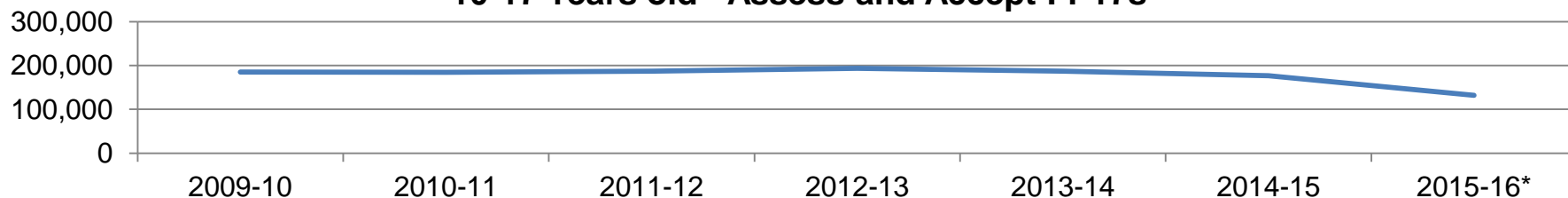
Assess and Accept FP17s



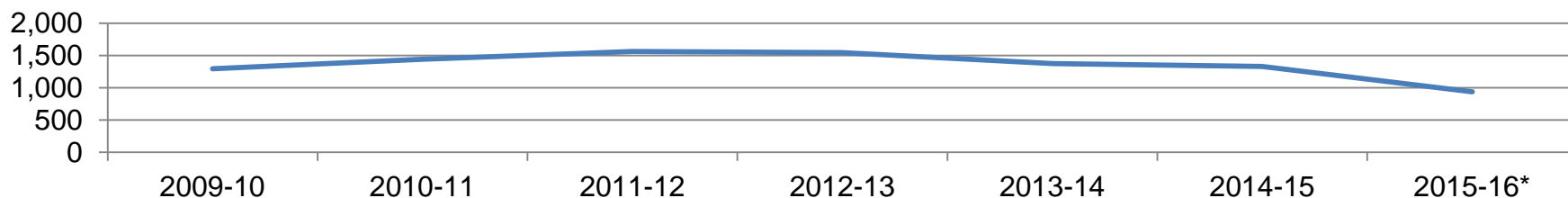
Assess and Accept (treatment starts) FP17Os under 10s



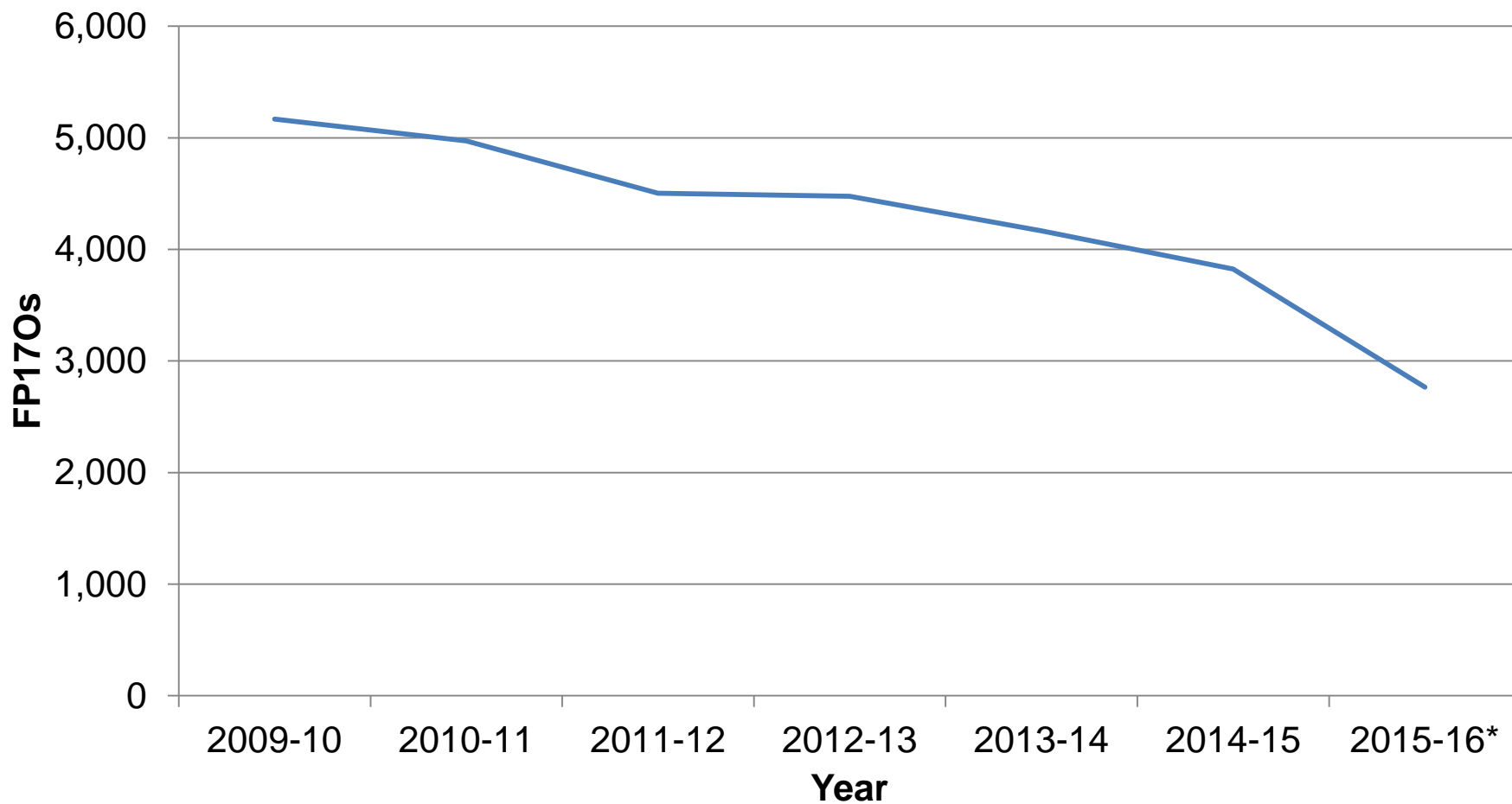
10-17 Years old - Assess and Accept FP17s



18+ Years old - Assess and Accept FP17s



Assess and Accept (treatment starts) FP17Os under 10s



Contract Monitoring Update

- Data Collection
(FP 17 O / Patient Questionnaires)
- Vital Signs Reports
- Dental Assurance Framework Reports
- Transitional Commissioning Guidance Indicators
- 2015/16 activity
- Clinical Monitoring and Reporting

Clinical Monitoring and Reporting

- Five completed cases per Performer chosen by the NHSBSA
- 450 Performers per annum
- 3-year rolling programme

Clinical Monitoring and Reporting

- Full records requested including pre- and post-treatment study models, radiographs and photographs
- Since 1st January 2014 providers have been requested to submit 3D digital study models rather than plaster duplicates
- Details are included in the request letter and available on the NHSBSA website

Production of 3D digital study models from plaster originals

Requirements for orthodontic contract holders and image suppliers

Where original plaster models are being sent to a laboratory for scanning the contract holder and image supplier must ensure that:

- The original plaster models are in good condition (showing all erupted teeth with no voids, chips, breakages or other deficiencies) with good extension into the sulci.
- The original plaster models are accurately trimmed and clearly marked to verify the occlusion.
- The 3D digital images are produced in STL file format. An individual file needs to be provided for each of the upper and lower arches. The orientation of each file should be such that when opened together the models are presented in the correct occlusion.
- The image files should be a maximum of 12 mb each in size.
- The images should be placed onto a password protected CD or USB within two separate folders for each patient marked 'Pre- treatment' and 'Post-treatment' respectively. Inside each of the two folders should be three images of the dentition - mandibular, maxillary and in occlusion, i.e. six in total for each patient.
- The 3D digital images should be carefully checked by the performer, to verify that they accurately represent the patient's dentition and occlusion, before being sent to the NHSBSA.
- The original plaster models should be retained until the NHSBSA reporting process has fully concluded.

Clinical Monitoring and Reporting

- Performers are requested to complete an Orthodontic Case Assessment proforma (rather than forwarding actual written patient records)

Orthodontic Case Assessment

PLEASE COMPLETE ALL SECTIONS IN BLACK INK

OCA 0510

NHS

Performer Name: Performer Number:

Patient's Details (In CAPITALS)

First name: Surname:

Provider's Name, Address and Location Number

Age of patient at start of treatment:

Pre-treatment IOTN score: DHC grade (1 to 5) DHC qualifier (a to x) AC grade (1 to 10)

Assessment

Extra-oral

Skeletal classification Class I ☐ Class II ☐ Class III ☐

FM angle High ☐ Average ☐ Low ☐

Transverse asymmetry? Yes ☐ No ☐ TMJ symptoms / click? Yes ☐ No ☐

Ups: Competent? Yes ☐ No ☐ Digit sucking habit? Yes ☐ No ☐

Intra-oral

Teeth present: Teeth absent:

Oral hygiene: Good ☐ Average ☐ Poor ☐ Erosion / decalcification evident? Yes ☐ No ☐

Caries evident: Teeth of doubtful prognosis:

Occlusion

Incisor relationship: Class I ☐ Class II/1 ☐ Class II/2 ☐ Class III ☐

Overjet ☐ mm Edge to edge ☐ Reverse ☐ mm

Overbite: Increased ☐ Average ☐ Decreased ☐ Complete ☐ Incomplete ☐ Anterior open bite (mm)

Centre lines (show shift by arrows) Anterior cross-bites:

Buccal occlusion: Right: Class I ☐ Class II: 1/4 unit ☐ 1/2 unit ☐ 3/4 unit ☐ full unit ☐ Class III ☐

Left: Class I ☐ Class II: 1/4 unit ☐ 1/2 unit ☐ 3/4 unit ☐ full unit ☐ Class III ☐

Posterior cross-bites: Associated mandibular displacement (mm): Right ☐ Left ☐ Anterior ☐

Radiographs:

Number obtained: Panoramic ☐ Lateral cephalometric ☐ Intra-oral ☐

Teeth absent: Pathology evident: Yes ☐ No ☐ Details:

Cephalometric analysis: SNA° SNB° MMPA° UI-MxP° LI-MdP° LI-APd° mm

Treatment

Was an FP17 DCO given to the patient? Yes ☐ (please attach a copy) No ☐

Aims of Treatment: (Please tick the appropriate boxes)

Relief of crowding ☐ Maxillary arch-expansion ☐ Alignment ☐ Levelling ☐ Arch-co-ordination ☐ Space closure ☐

Correction of incisal relationship ☐ Correction of buccal segment occlusion: antero-posteriorly ☐ laterally ☐

Extractions: _____

Appliances Provided:

Type of appliance	Date fitted	Date withdrawn / removed
Upper removable appliance		
Lower removable appliance		
Functional appliance		
Upper fixed appliance		
Lower fixed appliance		
Fixed expansion device		
Intra-oral anchorage		
Extra-oral anchorage		
Inter-maxillary elastics		

Retainers provided:

Upper: Fixed/bonded ☐ Removable acrylic ☐ Pressure Formed ☐

Lower: Fixed/bonded ☐ Removable acrylic ☐ Pressure Formed ☐

Retention regime (months):

Full time ☐ Part-time ☐ Night-time ☐ Duration of supervised retention ☐

Advice given on discharge:

Are you satisfied with the result? Yes ☐ No ☐

If 'No' why not?

Any other relevant information you wish to be taken into consideration?

Performer's signature Date/...../.....

Clinical Monitoring and Reporting

- Written summary sent to both contractor and performer
- Observations requested within 14 days
- Report plus observations forwarded to PCO (AT/LHB)

DENTAL REFERENCE SERVICE-ORTHODONTIC REPORT ON 5 CASES

Performer: 123456

Contract No: 123456

DOCUMENTATION:

Written records



Comments: Good

Radiographs:



Comments: Missing for LR and AT – but problems with image retrieval

Study models:



Comments: Good standard but performer did not obtain pre-treatment models for MD and AT.

TREATMENT NECESSITY (IOTN):



Comments: IOTN 5= 1 (IM); IOTN 4 = 2 (JD, LR), IOTN ? = 2 (MD, AT).

(All five cases were apparently eligible for NHS funded treatment but no models available for MD and AT).

ACCURACY OF SCORING (IOTN)



Comments: Good

DIAGNOSIS & TREATMENT PLANNING:



Comments: Good

STANDARD OF TREATMENT:



Comments: 2 = Excellent (IM, LR) 1 = Good (JD) 2 = Appear satisfactory (MD, AT)

PROBITY:



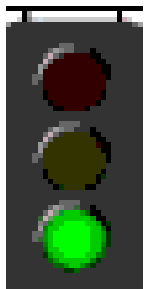
Comments: No apparent issues other than missing models

ORO: B M Kelly

Signature:

Date 15/01/09

Clinical Monitoring and Reporting Summary Report for ATs/LHBs **Traffic Light System**



Red: Unsatisfactory

Amber: Acceptable but reservations

Green: Good – satisfying all criteria

Clinical Monitoring and Reporting Summary Report for ATs/LHBs Traffic Light System



Red: Issues requiring further investigation

Amber: Issues for discussion

Green: No cause for concern

Clinical Monitoring and Reporting

- Should concerns arise closer scrutiny could be arranged using a larger sample or (rarely) a practice visit

ORTHODONTIC TREATMENT PROTOCOL

Commissioning Specialist Dental Services

DH Gateway Reference 5865

‘A high standard of outcome is expected. The following principles indicate the features to be aimed at in treating a case.....’

Appendix 2

ORTHODONTIC TREATMENT PROTOCOL

Treatment will normally be completed with fixed orthodontic appliances in both arches.

Treatment of a single arch should only be undertaken where this would be sufficient to achieve the requisite quality of outcome.

Removable orthodontic appliances may be used for minor tooth movements and as an adjunct to fixed appliances.

Functional orthodontic appliances will be used when necessary to correct antero-posterior occlusal discrepancies.

Anchorage reinforcement with lingual arches, palatal arches and extra-oral traction should be used when appropriate.

A high standard of outcome is expected. The following principles indicate the features to be aimed at in treating a case:

- The dental arches should be fully aligned with all rotations and mesio-distal angulations corrected.
- The occlusal planes should be levelled
- The overjet and overbite should normally be corrected to give cingulum contact between the incisors
- The bucco-lingual or labio-lingual inclination of the teeth should be within the normal range except where dento-alveolar compensation for skeletal discrepancies is necessary
- The centrelines should where practical be coincident
- The buccal segments should interdigitate fully
- Extraction spaces should be closed with roots of adjacent teeth parallel
- Crossbites should normally be corrected
- Centric occlusion should correspond closely with centric relation
- The lower inter-canine width should not be increased. Lower incisors should not be advanced if they are already proclined, and in general should not be advanced more than approximately two millimetres unless there is evidence that they are abnormally retroclined. Expansion beyond these limits should be the exception and only undertaken with informed consent regarding the risk of instability and the likely need for permanent retention.

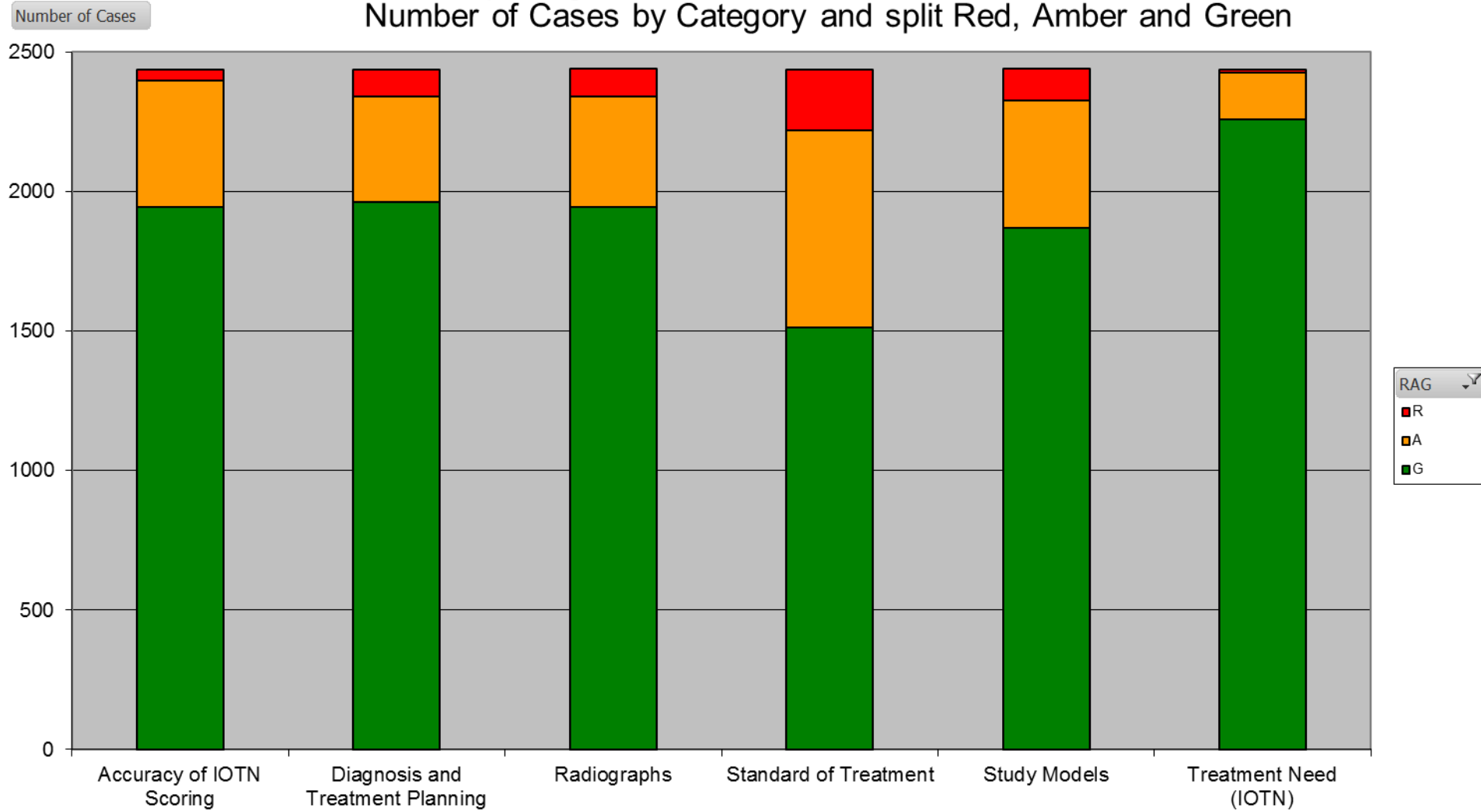
Retainers should be fitted and supervised as required to maintain tooth position.

Treatment outcome in individual cases will be assessed according the above principles. It is acknowledged that it is not possible to achieve an ideal occlusion in every case and the PAR index or an alternative index will therefore be used additionally to allow a profile of the practitioner's overall treatment standards to be developed.

Month ▼ Year ▼ Consultant ▼

OCA Reporting Outcomes from CMS - December 09 to December 15

Number of Cases by Category and split Red, Amber and Green

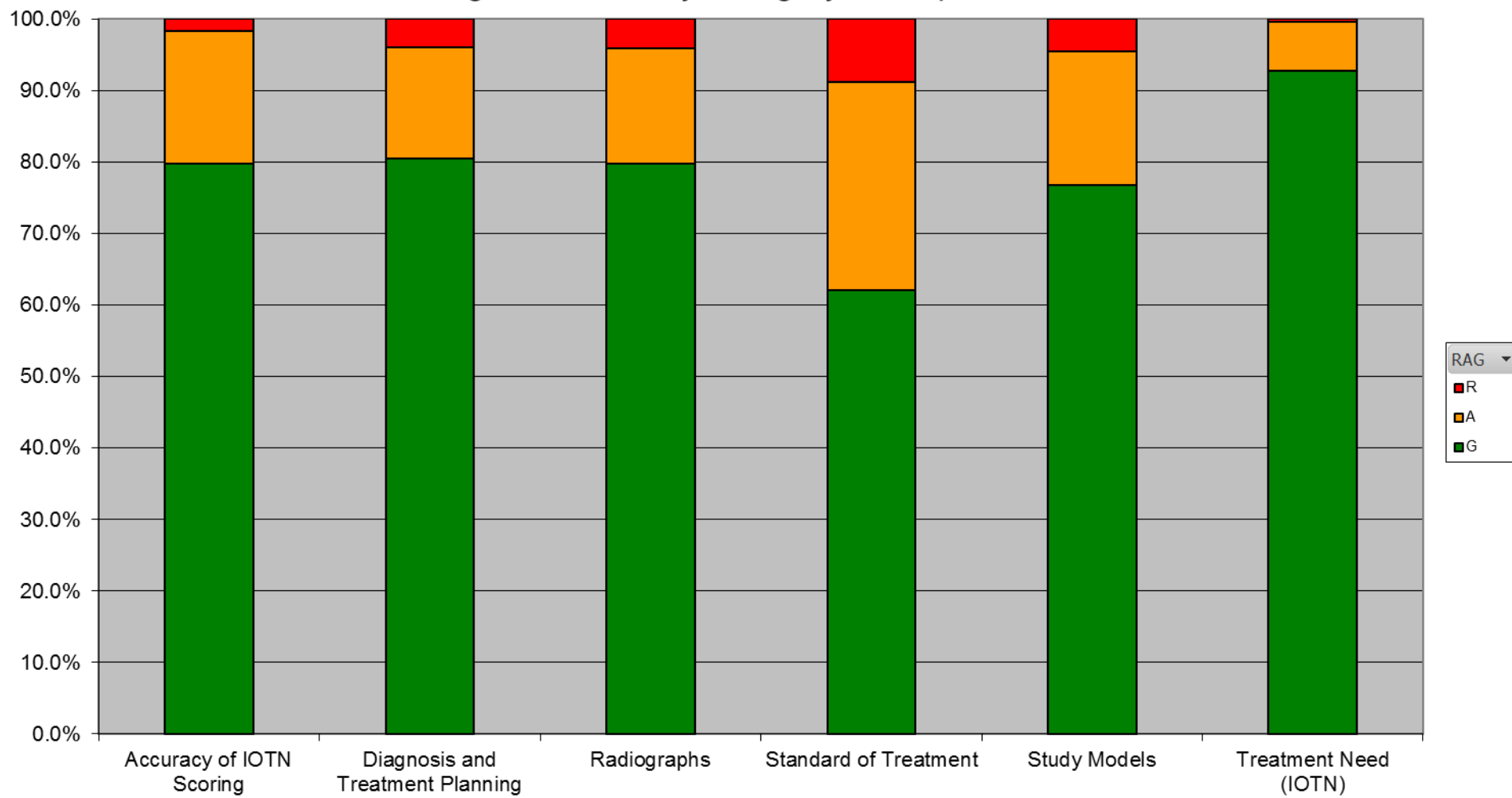


Month ▼ Year ▼ Consultant ▼

OCA Reporting Outcomes from CMS - December 09 to December 15

Percentage of Cases by Category and split Red, Amber and Green

% of Cases within category

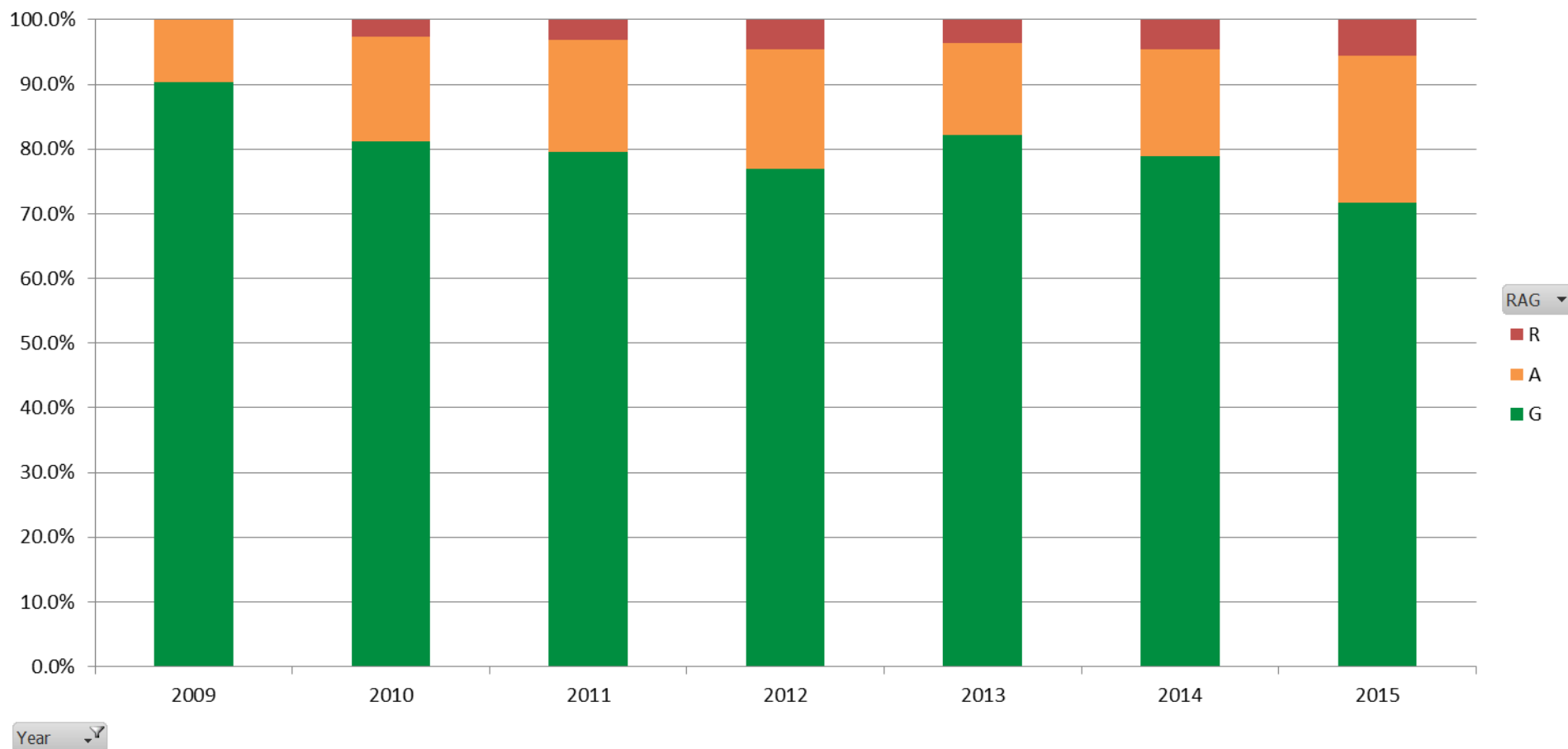


Month ▾

% of Cases within category

OCA Reporting Outcomes from CMS - December 09 to December 15

Percentage of Cases by Year and split Red, Amber and Green

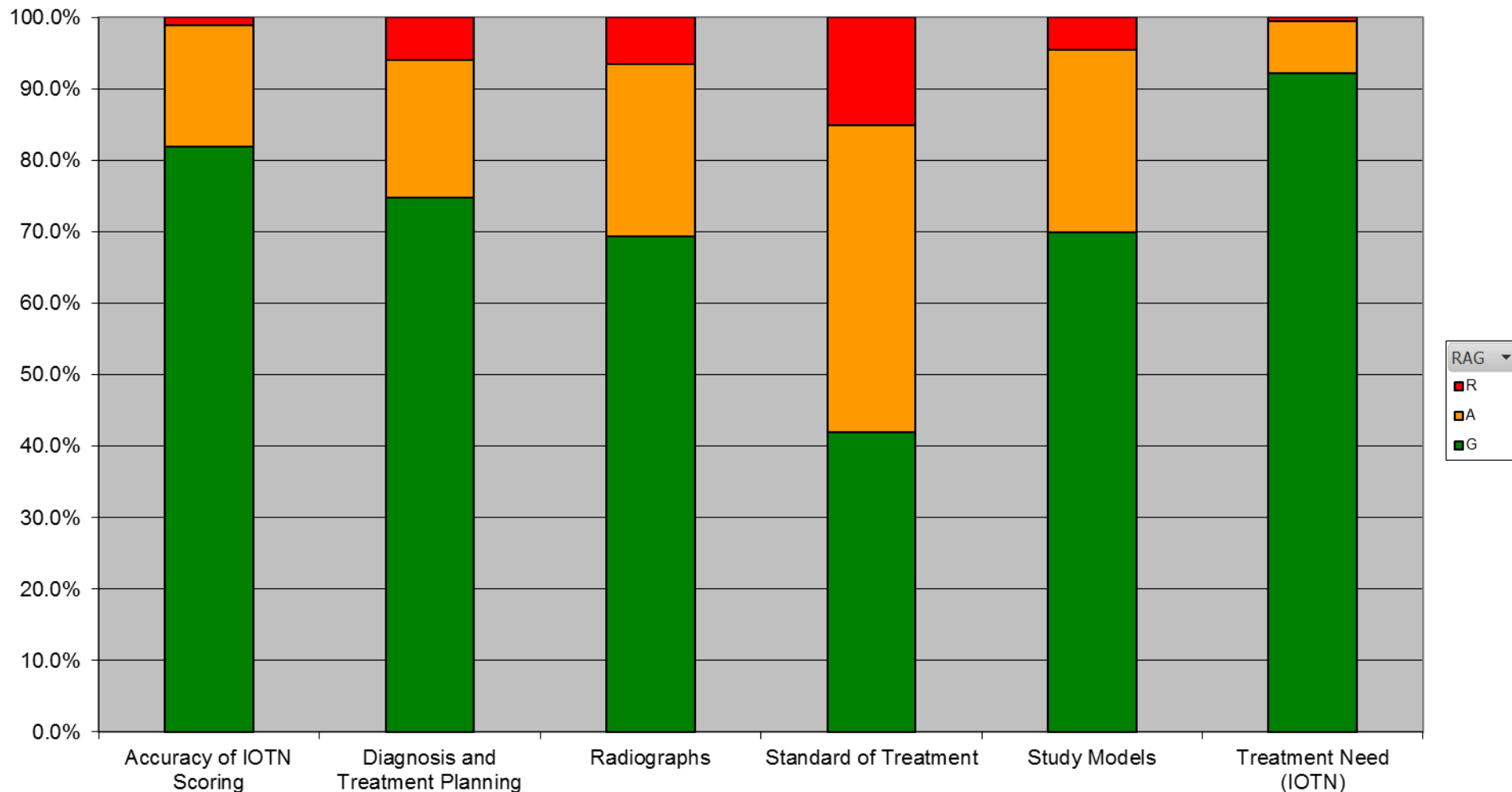


Month Year Consultant

OCA Reporting Outcomes - 2015

% of Cases within category

Percentage of Cases by Category and split Red, Amber and Green



Category Assessed

Update from NHSBSA Dental Services

**Brian Kelly
Senior Orthodontic Adviser
NHSBSA Dental Services**