

**CAMHS**  
QUALITY NETWORK FOR  
INPATIENT CAMHS



## **Outcome Measurement Data for Inpatient Child and Adolescent Mental Health Services**

**Annual Report 2010/2011**

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COLLEGE CENTRE FOR  
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# Introduction



- This report is based on data collected and submitted by 21 units between September 2010 and August 2011
- No young person can be identified from the data
- **As numbers are small, results should be interpreted with caution**



# Baseline Variables

# Socio-demographic Data

	N=385
<b>Gender</b>	<b>%</b>
Female	61
Male	39
<b>Age</b>	<b>%</b>
3 - 10 years	3
11 - 14 years	23
15-18 years	74
Mean age at admission	15.1 years

# Socio-demographic Data

	N=242
<b>Ethnicity</b>	<b>%</b>
White British	73
Asian British	7
Black British	6
Mixed	11
Other	3

# Socio-demographic Data

	N=156
<b>Referral Source</b>	<b>%</b>
Community CAMHS Psychiatrist	77
Accident and Emergency	8
Paediatrician	2
Adult Mental Health	1
Social Services	1
Youth Offending Team	3
Other CAMHS Professional	8

# Socio-demographic Data

	N=161
<b>Main Carer</b>	<b>%</b>
Both biological parents	47
Single parent	30
Biological mother and partner	6
Biological father and partner	3
Children's home	4
Adoptive Parents	1
Other	9

# Socio-demographic Data

	N=157
Previous contact with mental health services	80% yes
	N=154
Learning Disability	%
None	80
Generalised Mild	7
Generalised Moderate	5
Generalised Severe	4
Specific	4

# Additional Baseline Variables

	N=108
<b>Adversity</b>	<b>%</b>
History of physical abuse	21
History of sexual abuse	8
History of emotional abuse	6
History of neglect	4
Child Protection Registration	4
None of the above	57
	<b>N=93</b>
Parent/Carer diagnosed with mental disorder	48% yes

# Diagnoses

	N=266
<b>Primary Diagnoses at Admission</b>	<b>%</b>
Mood (affective) disorders	44
Eating Disorders	13
Schizophrenia, delusional or psychotic disorders	13
Anxiety Disorders	7
Conduct disorders	4
Disorders of psychological development	8
Behavioural syndromes associated with physiological disturbances	6
Other neurotic, stress-related and somatoform disorders	2
Other	3

# Outcome Measures

# Number of Questionnaires Received

	Number of young people with ratings		
	At admission	At discharge	At both time-points
HoNOSCA (clinician rated)	842	508	<b>385</b>
HoNOSCA (young person rated)	624	449	<b>185</b>
HoNOSCA (parent rated)	234	110	<b>52</b>
CGAS	780	615	<b>356</b>
SDQ (young person rated)	264	109	<b>70</b>
SDQ (parent rated)	226	133	<b>48</b>
SDQ (teacher rated)	105	65	<b>36</b>

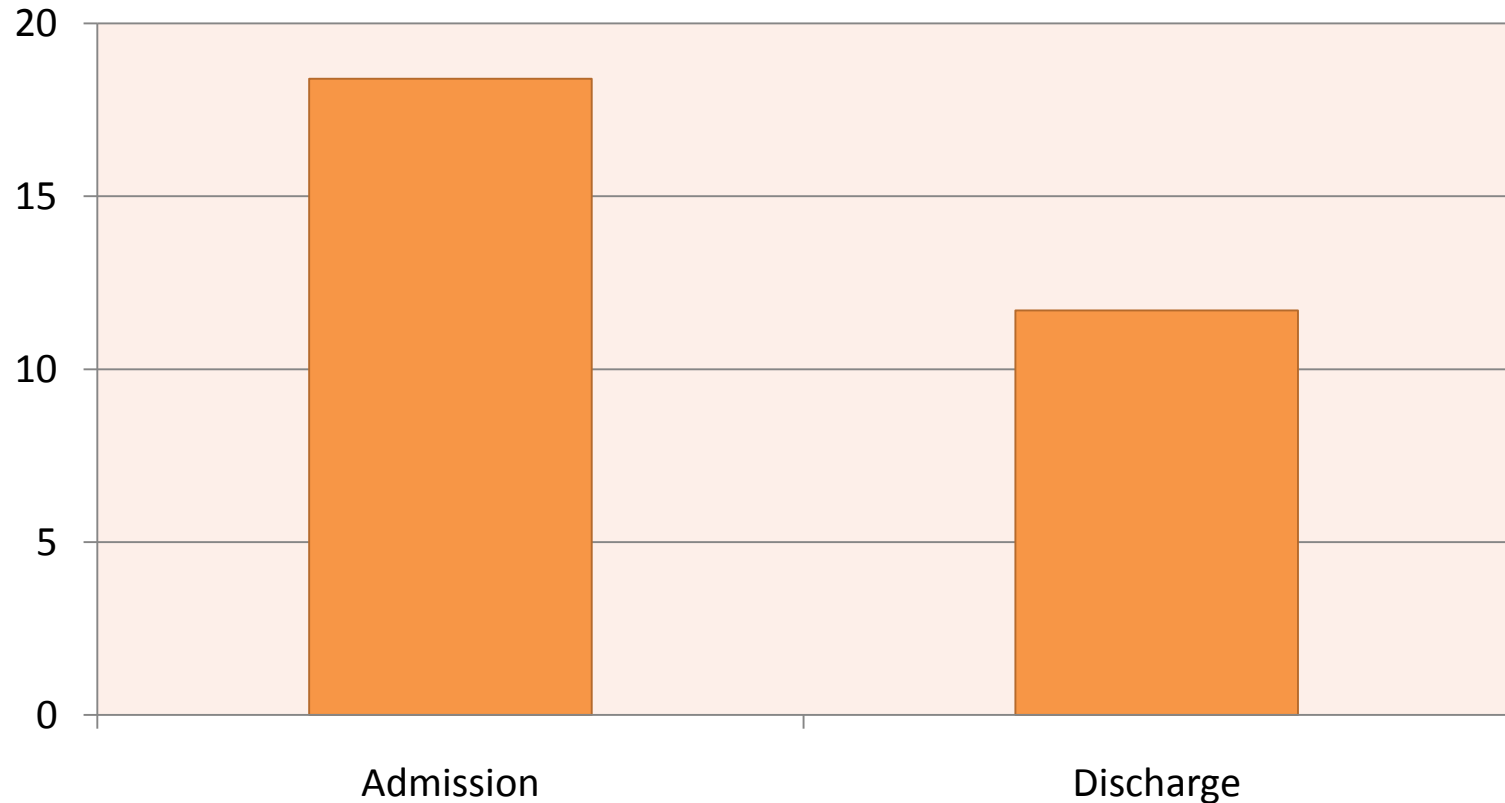
# Scores

Please note:

- **HoNOSCA:** The lower the HoNOSCA score the less severe the young person's problems.
- **CGAS:** The higher the CGAS score the less severe the young person's problems.
- **SDQ:** The lower the SDQ score the less severe the young person's problems.

# HoNOSCA: Clinician Rated (N=379)

Mean total score at admission and discharge

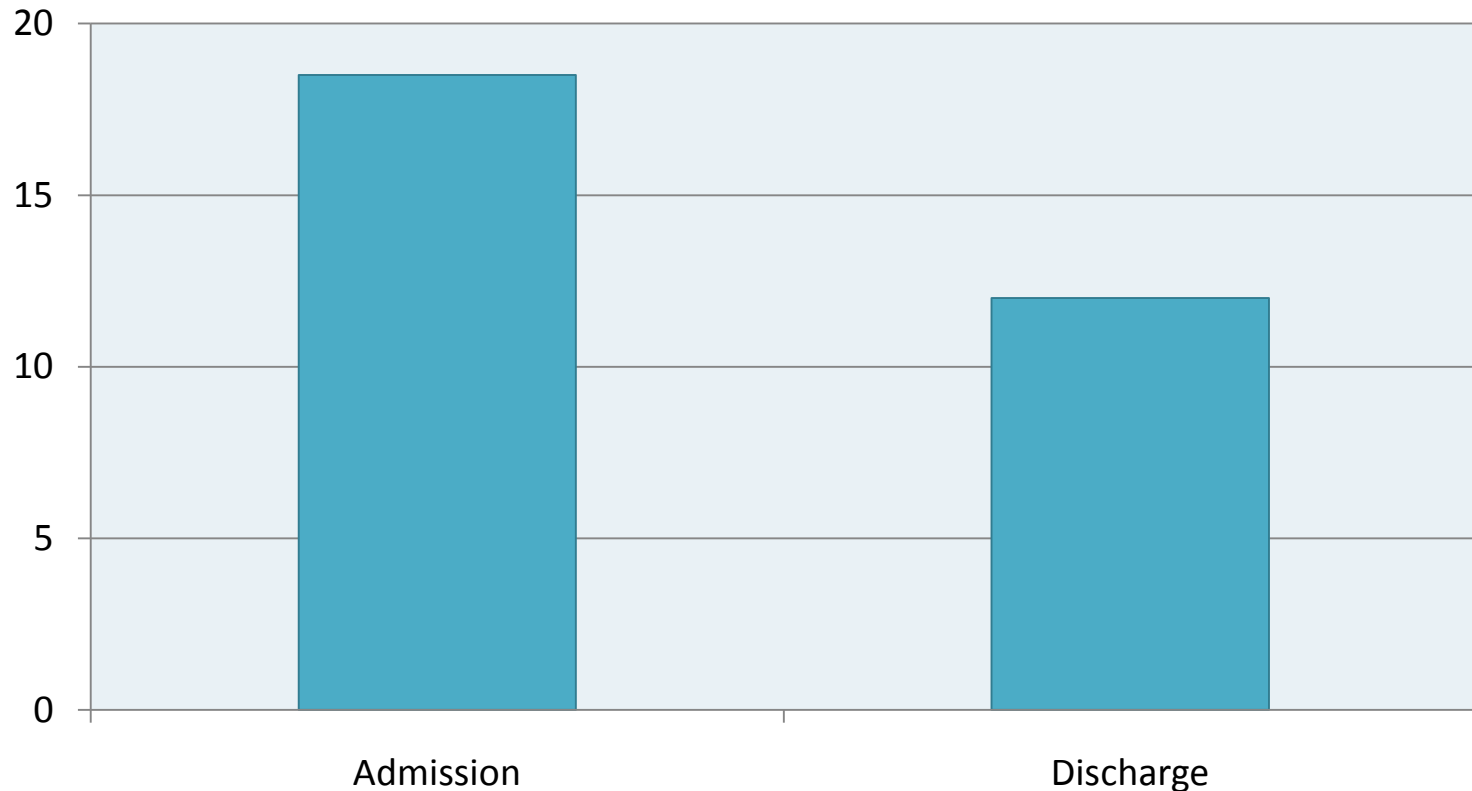


Scores at discharge were **significantly lower** than at admission ( $t=14.7$ ,  $df=378$ ,  $p<0.001$ ). Lower HoNOSCA scores denote less severe problems.

	Mean	SD
Admission	18.5	9.0
Discharge	11.7	7.8

# HoNOSCA: Young Person Rated (N=184)

Mean total score at admission and discharge

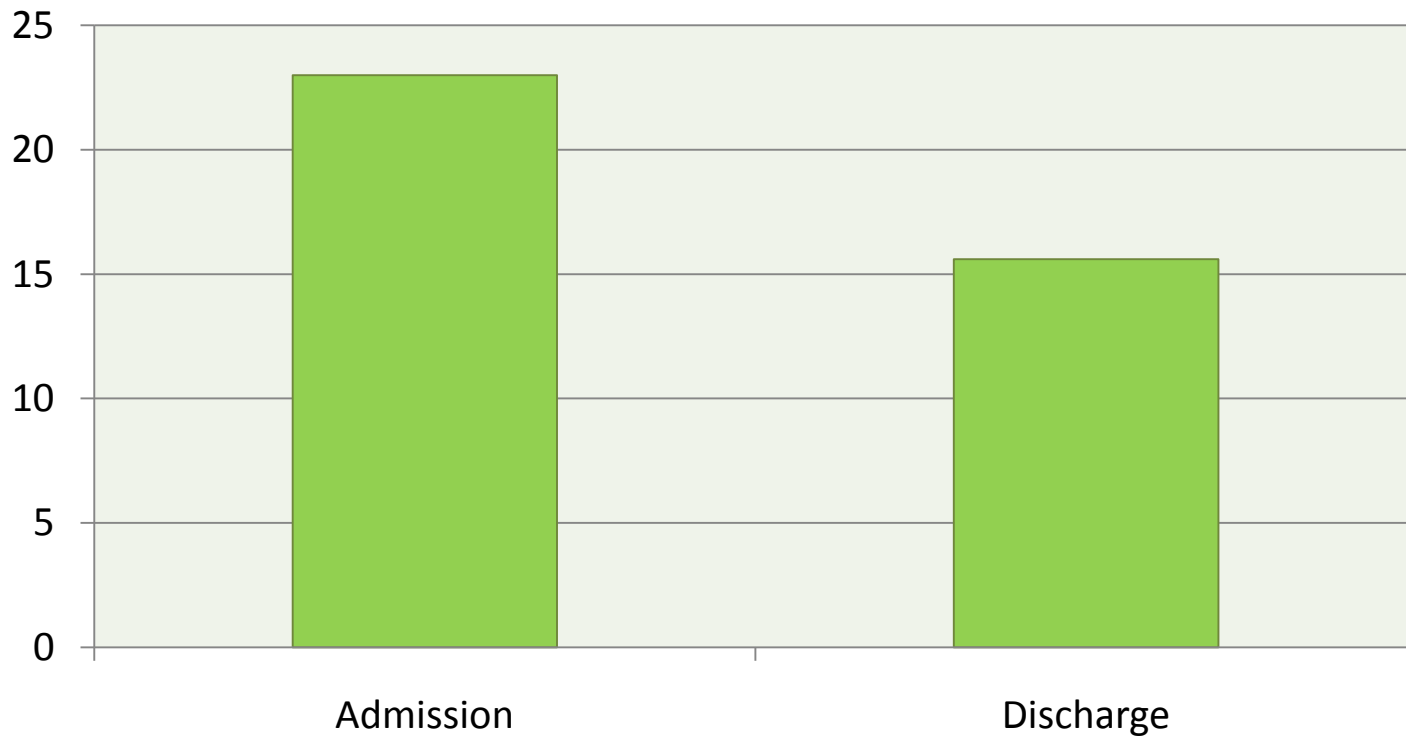


Scores at discharge were **significantly lower** than at admission ( $t=7.8$ ,  $df=183$ ,  $p<0.001$ ). Lower HoNOSCA scores denote less severe problems.

	Mean	SD
Admission	18.5	10.3
Discharge	12.0	10.2

# HoNOSCA: Parent/Carer Rated (N=52)

Mean total score at admission and discharge

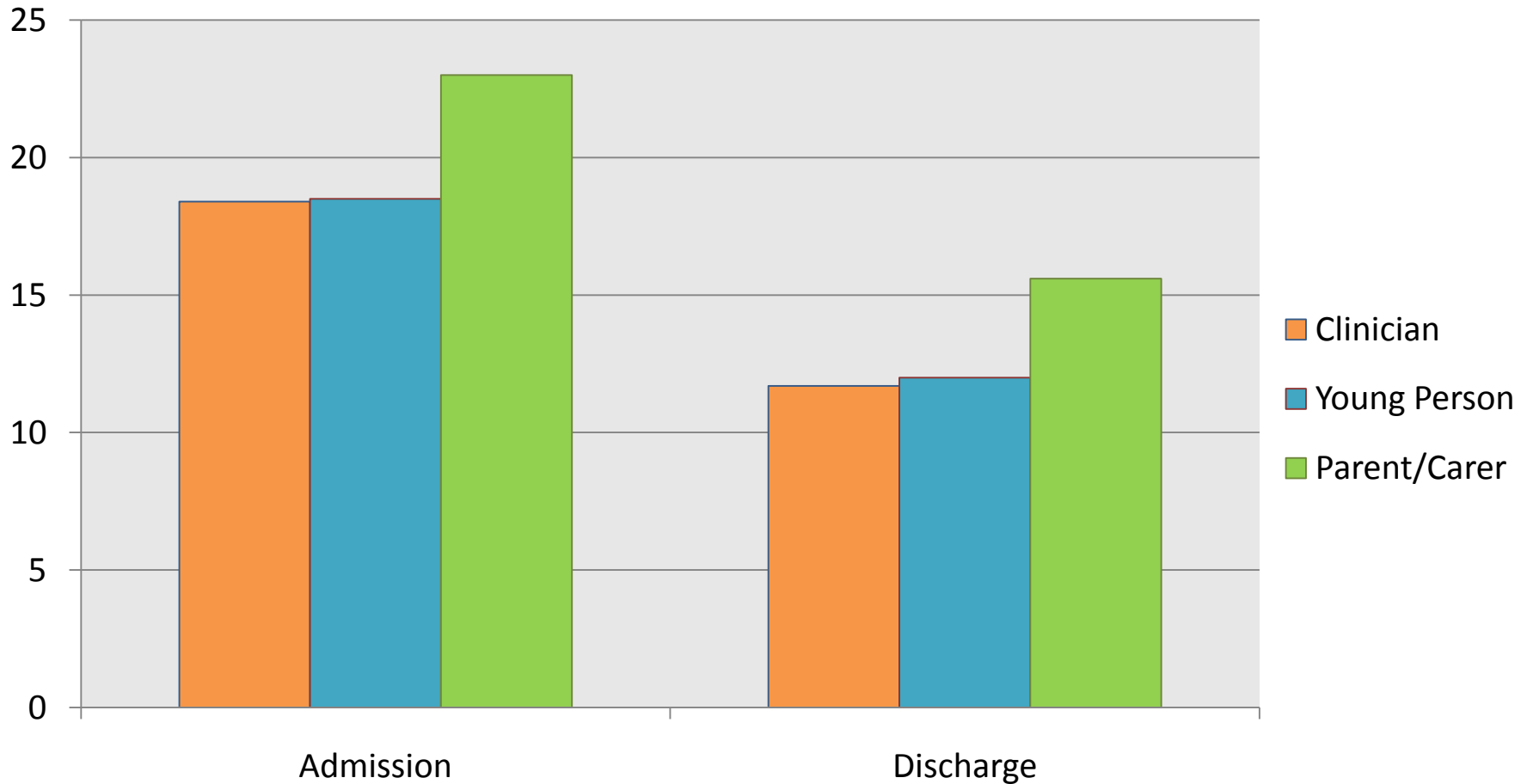


Scores at discharge were **significantly lower** than at admission ( $t=5.0$ ,  $df=51$ ,  $p<0.001$ ). Lower HoNOSCA scores denote less severe problems.

	Mean	SD
Admission	23.0	10.1
Discharge	15.6	10.2

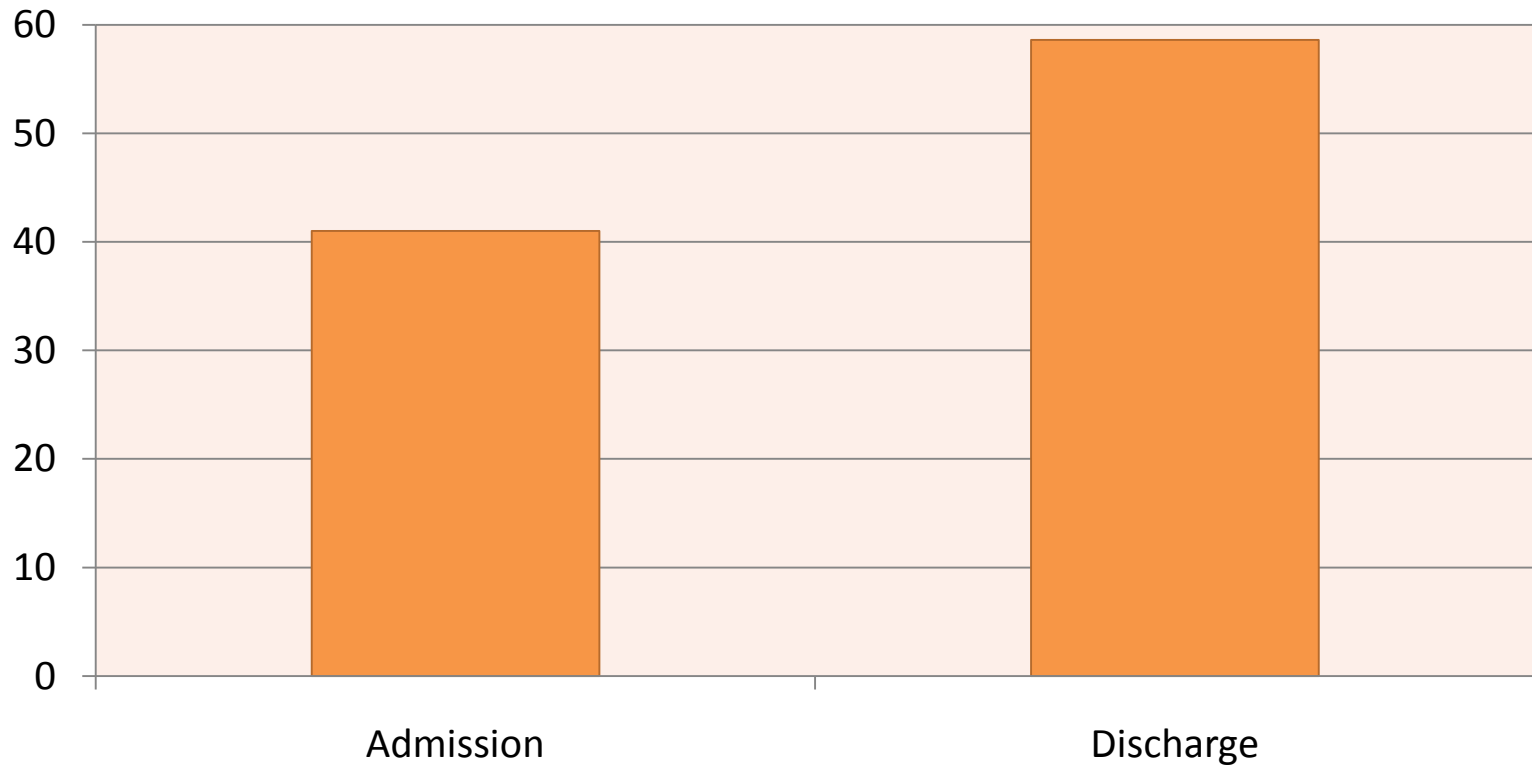
# HoNOSCA: All Perspectives

Mean total score at admission and discharge



# CGAS: Clinician Rated (N=356)

Mean score at admission and discharge

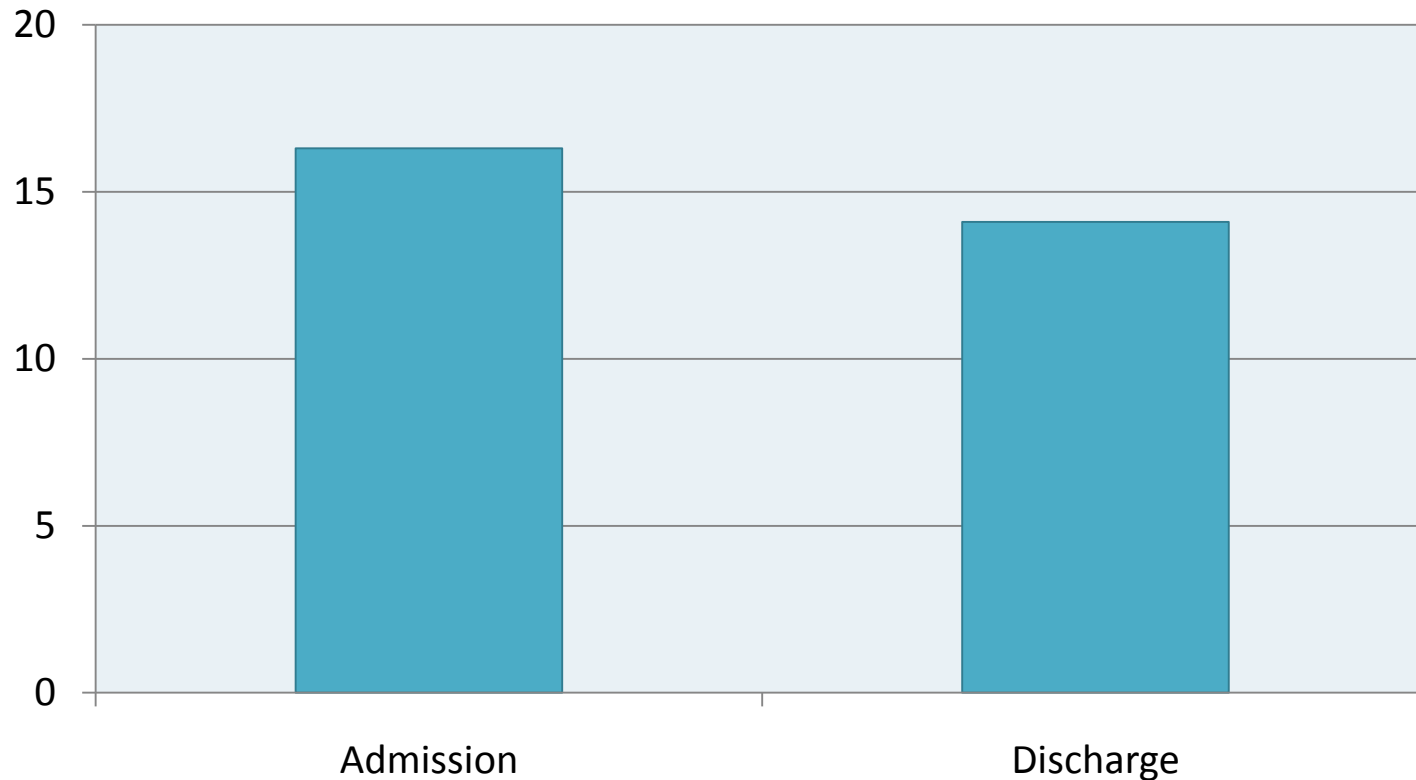


Scores at discharge were **significantly higher** than at admission ( $t=16.0$ ,  $df=355$ ,  $p<0.001$ ). Higher CGAS scores denote less severe problems.

	Mean	SD
Admission	41.0	16.6
Discharge	58.6	18.4

# SDQ: Young Person Rated (N=70)

Mean total score at admission and discharge

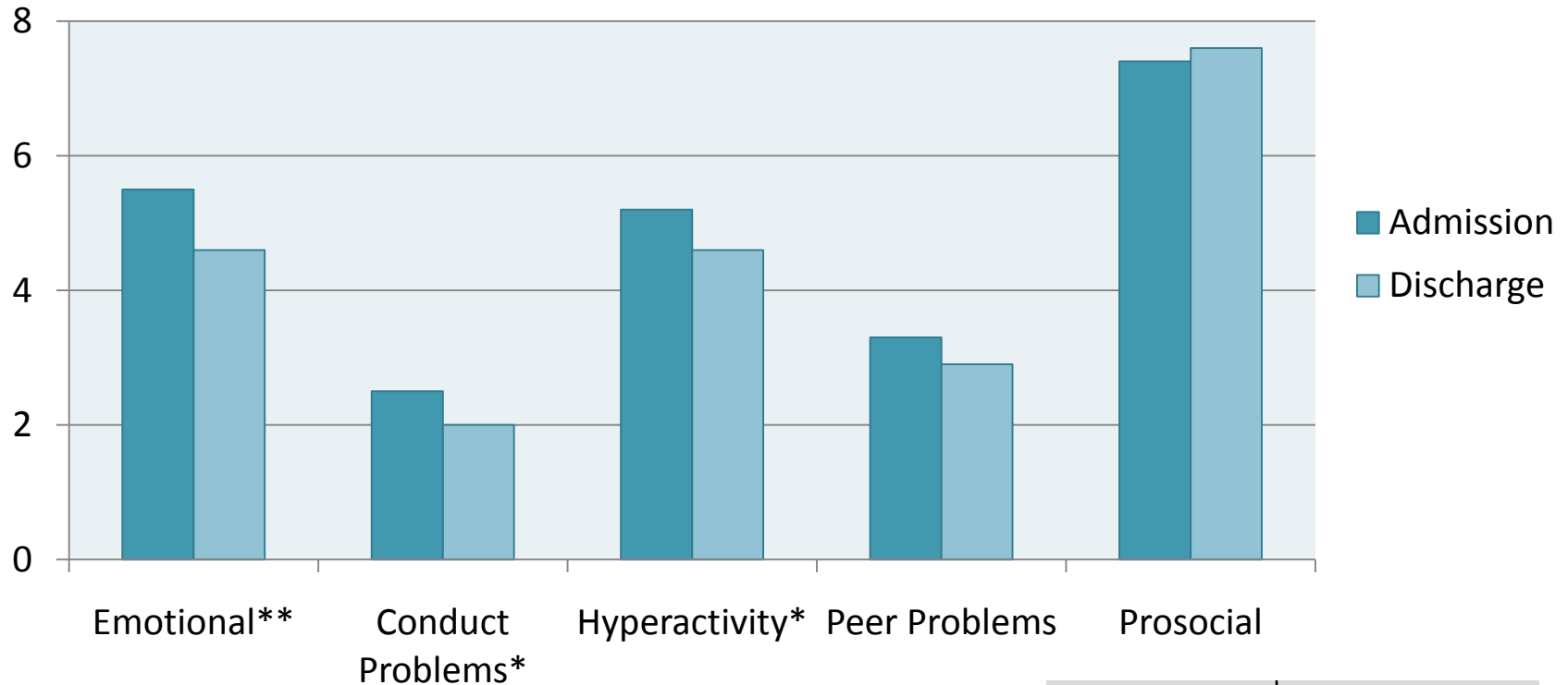


Scores at discharge were **significantly lower** than at admission ( $t=3.7$ ,  $df=69$ ,  $p<0.001$ ). Lower SDQ scores denote less severe symptoms.

	Mean	SD
Admission	16.3	6.7
Discharge	14.1	7.0

# SDQ: Young Person Rated (N=70)

Mean score per subscale at admission and discharge



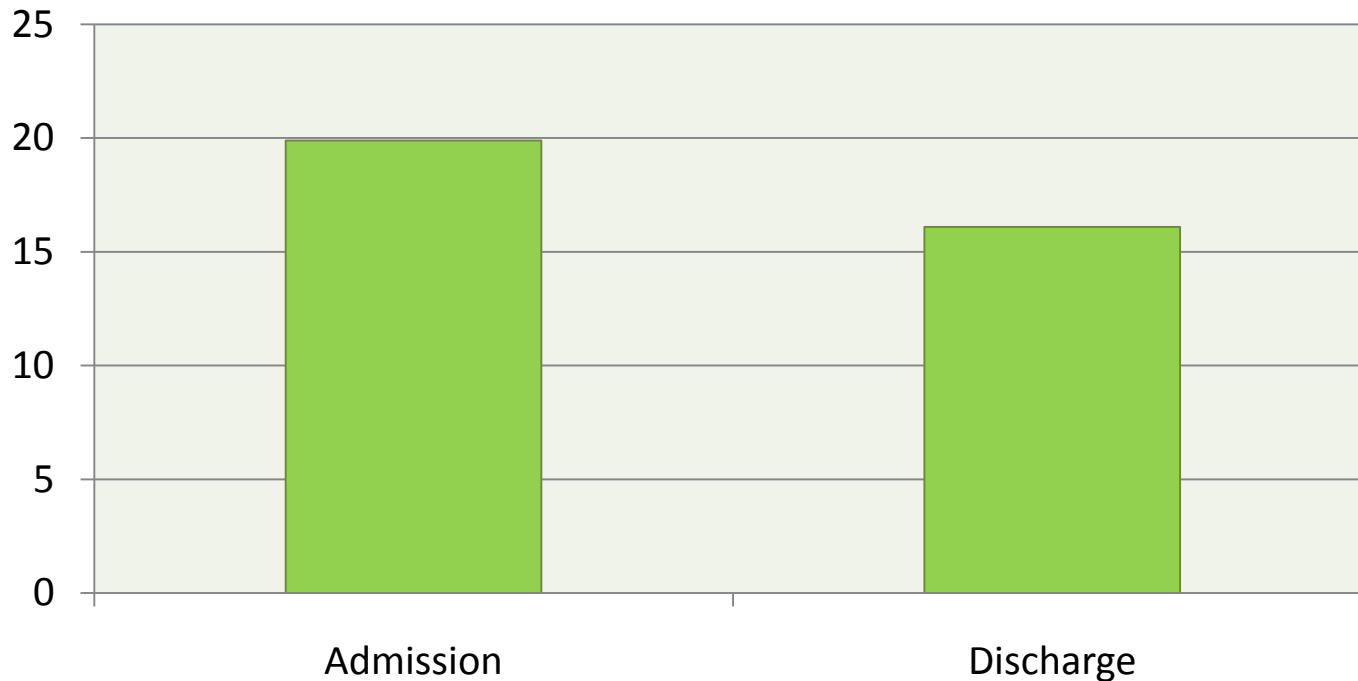
Scores were **significantly lower** at discharge for the Emotional scale, ( $t=3.2$ ,  $df=69$ ,  $p<0.01$ ), Conduct Problems ( $t=2.4$ ,  $df=69$ ,  $p<0.05$ ) and Hyperactivity scale ( $t=2.3$ ,  $df=69$ ,  $p<0.05$ ).

	Mean (SD)	
	Adm	Dis
Emotional	5.5 (2.7)	4.6 (2.7)
Conduct	2.5 (2.1)	2.0 (2.0)
Hyperactivity	5.2 (2.9)	4.6 (2.6)
Peer	3.2 (2.1)	2.9 (2.1)
Prosocial	7.4 (2.5)	7.6 (2.4)

\* $p<0.05$  \*\* $p<0.01$  \*\*\* $p<0.001$

# SDQ: Parent/Carer Rated (N=48)

Mean total score at admission and discharge

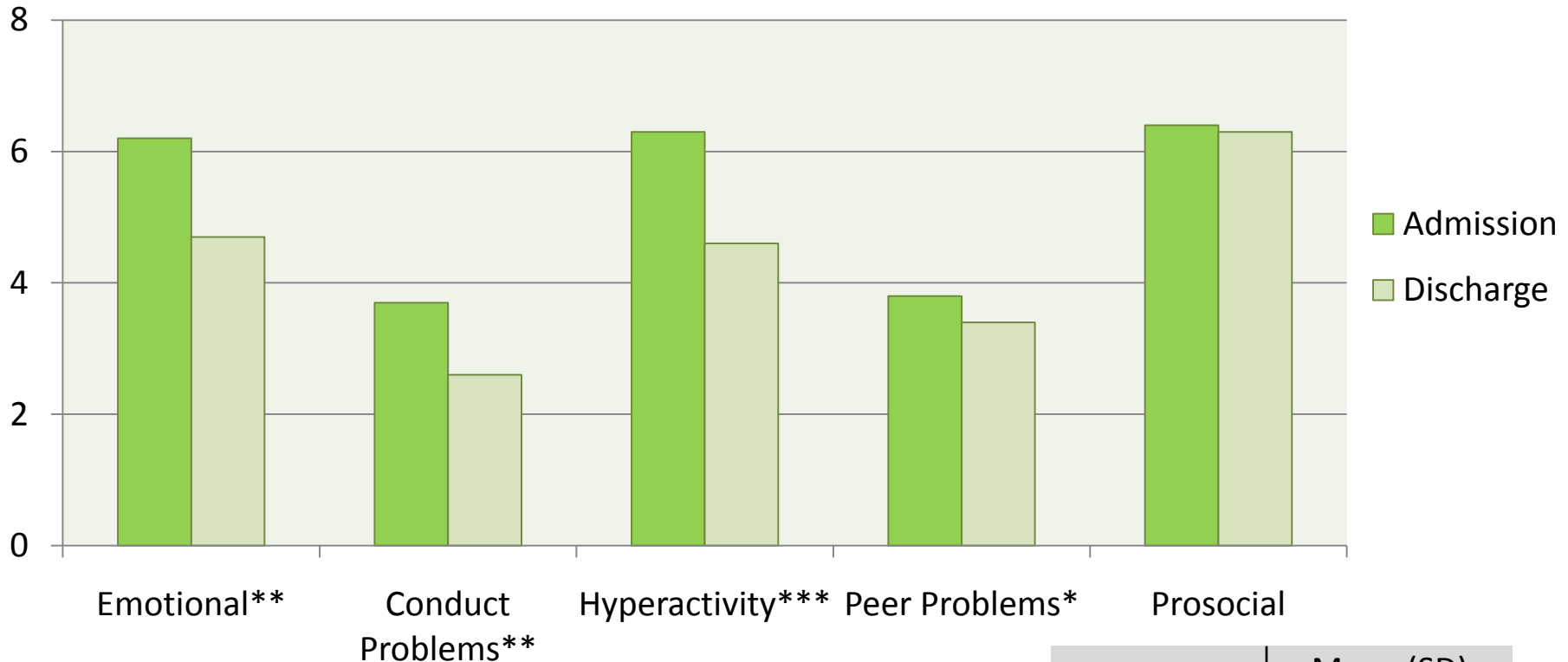


Scores at discharge **were significantly lower** than at admission ( $t=3.7$ ,  $df=47$ ,  $p<0.01$ ). Lower SDQ scores denote less severe symptoms.

	Mean	SD
Admission	19.9	8.0
Discharge	16.1	7.8

# SDQ: Parent/Carer Rated (N=48)

Mean score per subscale at admission and discharge



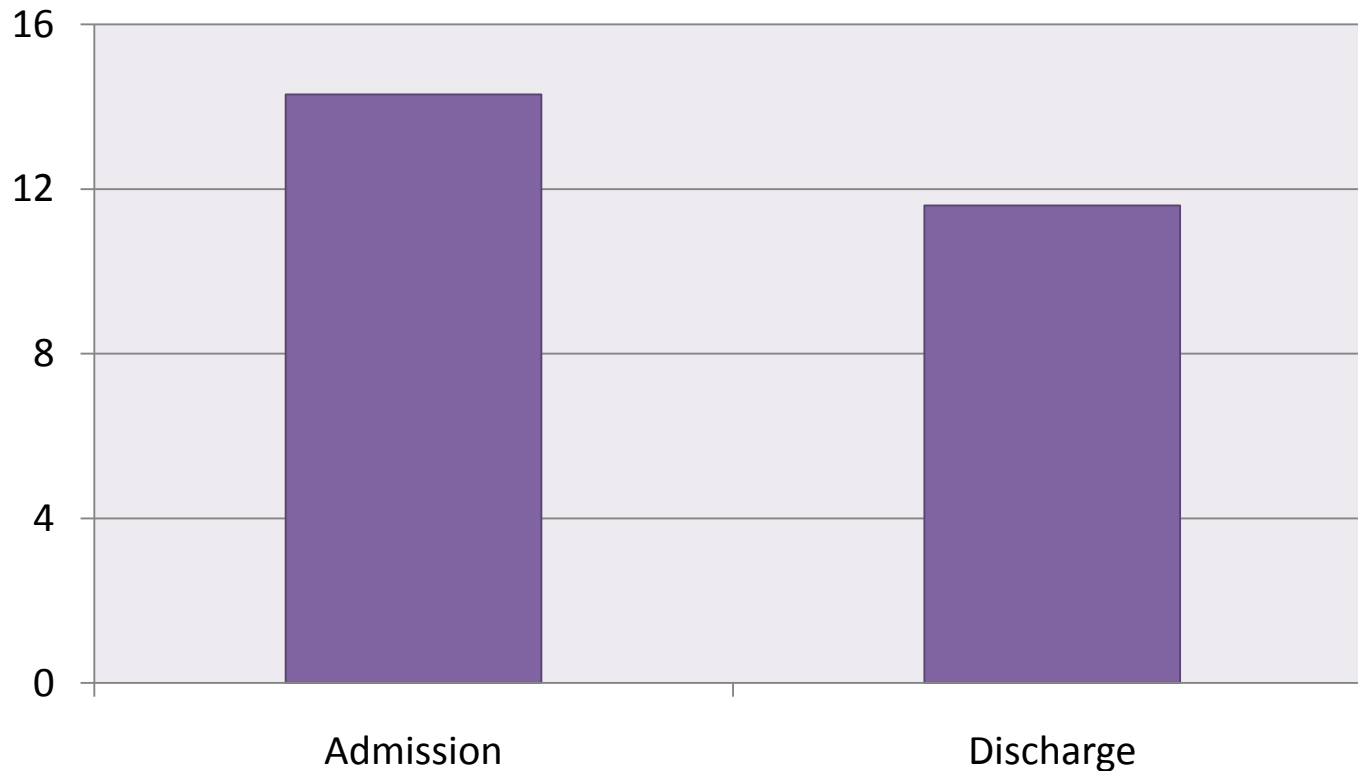
Scores were **significantly lower** at discharge for the Emotional scale, ( $t=3.6$ ,  $df=47$   $p<0.01$ ), Conduct Problems ( $t=3.6$ ,  $df=47$ ,  $p<0.01$ ), Hyperactivity scale ( $t=4.2$ ,  $df=47$ ,  $p<0.001$ ) and Peer Problems ( $t=2.1$ ,  $df=47$ ,  $p<0.05$ ).

\* $p<0.05$  \*\* $p<0.01$  \*\*\* $p<0.001$

	Mean (SD)	
	Adm	Dis
Emotional	6.2 (3.1)	4.7 (2.8)
Conduct	3.7 (2.5)	2.6 (2.4)
Hyperactivity	6.3 (2.9)	4.6 (2.1)
Peer	3.8 (2.6)	3.4 (2.6)
Prosocial	6.4 (2.8)	6.3 (2.6)

# SDQ: Teacher Rated (N=36)

Mean total score at admission and discharge

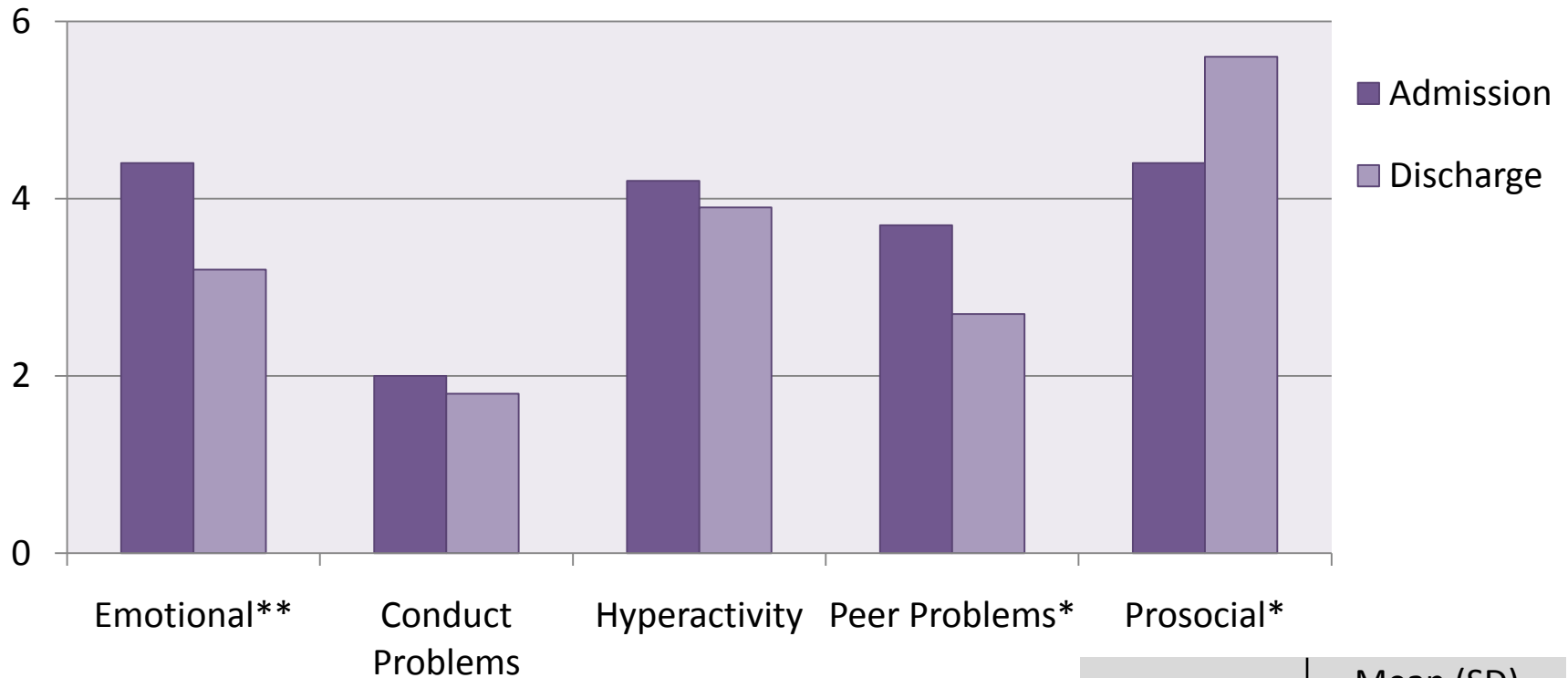


Scores at discharge **were significantly lower** than at admission ( $t=2.7$ ,  $df=35$ ,  $p<0.05$ ). Lower SDQ scores denote less severe symptoms.

	Mean	SD
Admission	14.3	6.8
Discharge	11.6	5.9

# SDQ: Teacher Rated (N=36)

Mean score per subscale at admission and discharge



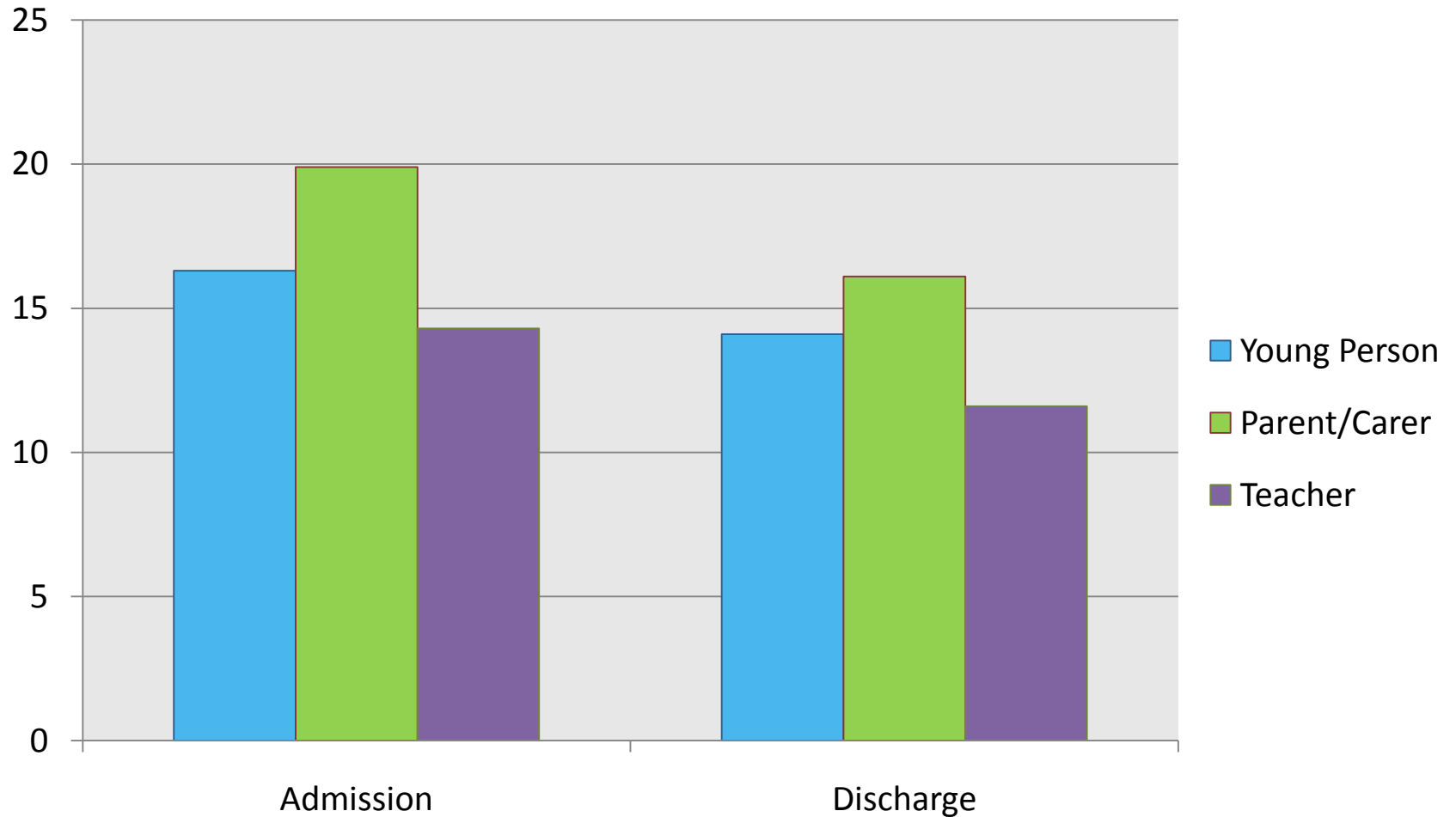
Scores were **significantly lower** at discharge for the Emotional scale, ( $t=2.9$ ,  $df=35$ ,  $p<0.01$ ), Peer Problems ( $t=2.1$ ,  $df=47$ ,  $p<0.05$ ), and **significantly higher** at discharge for the Prosocial scale ( $t=2.2$ ,  $df=35$ ,  $p<0.05$ ).

	Mean (SD)	
	Adm	Dis
Emotional	4.4 (2.7)	3.2 (2.3)
Conduct	2.0 (2.2)	1.8 (1.9)
Hyperactivity	4.2 (3.0)	3.9 (2.8)
Peer	3.7 (2.2)	2.7 (1.9)
Prosocial	4.4 (3.0)	5.6 (2.4)

\* $p<0.05$  \*\* $p<0.01$  \*\*\* $p<0.001$

# SDQ: All Perspectives

Mean total score at admission and discharge



# SDQ: Impact Scales

Mean scores for SDQ Impact Scale at admission and discharge

	Impact Scale	
	Admission: Mean (SD)	Discharge: Mean (SD)
Young Person (N=47)	4.6 (2.5)	3.2 (2.8)**
Parent/Carer (N=43)	6.1 (3.1)	4.3 (3.4)**
Teacher (N=22)	3.0 (1.4)	2.1 (1.7)*

Impact scores were **significantly lower** at discharge compared to scores at admission.

\*p < 0.05   \*\*p < 0.01   \*\*\*p < 0.001

# Discharge Variables

# Treatment

	N=233
<b>Primary treatment provided</b>	<b>%</b>
Drug therapy	65
CBT	19
Group therapy	4
Family therapy	6
Occupational therapy	2
Parent training / counselling / guidance	1
Other	3

# Discharge

Average length of stay:	95 days
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	N=161
Services referred on to	% of young people
Out-patient community CAMHS	76
Adolescent Outreach Team	6
Social services	1
Adult Inpatient Unit	1
Home-based treatment	1
Early Intervention for Psychosis	3
Other	12



# Satisfaction with Service

# CAMHS Satisfaction Survey



Mean Scores for CAMHSSS<sup>1</sup> domains young people and parents

CAMHSSS Domain*	Young People (N=71) Mean (SD)	Parents (N=51) Mean (SD)
Overall Satisfaction	2.2 (0.9)	1.6 (0.8)
Access	2.4 (1.1)	1.9 (0.9)
Effect of Services	2.5 (1.1)	2.0 (1.1)
Information	2.4 (1.1)	1.9 (1.0)
Professionals' Skills and Behaviour	2.2 (1.0)	1.7 (0.9)
Relatives' Involvement	2.5 (1.0)	1.9 (1.0)
Type of Intervention	1.6 (0.7)	1.4 (0.6)
Total (mean of domains)	2.3 (0.3)	1.8 (0.2)

<sup>1</sup>CAMHSSS items are scored as: 1 = very happy, 2 = happy, 3 = mixed, 4 = unhappy, 5 = very unhappy.

\*For list of individual CAMHSSS items and groupings please see appendix

# Appendix

# Data included in this report were submitted from the following units:



The Coborn Centre  
Collingham Gardens Child and Family Unit  
Dewi Jones Children's Unit  
Fleming Nuffield Unit for Children and Young People  
Lothian CAMHS Inpatient Unit  
Mildred Creak Unit  
Marlborough House  
Oakwood Young People's Centre  
Plymbridge House  
The Priory, Altrincham  
The Priory, Chelmsford

The Priory, Hayes Grove  
The Priory, Marchwood  
The Priory, North London  
The Priory, Roehampton  
The Priory, Woodbourne  
Redburn Young People's Unit  
Riding Ward  
Riverside Adolescent Unit  
Roycroft Clinic  
Ticehurst House (The Priory)

# CAMHS Satisfaction Survey

## Items and Groupings



### Overall Satisfaction

- The kinds of service offered to you?
- The service you have received, in a general sense?

### Access

- The appearance and comfort level of the rooms used?
- How much it cost the family to use the service, including travelling cost, time off work?
- The length of time before the first appointment?

### Effect of Services

- The effect of services the effect of services in helping you deal with your problems?
- The effect of services in helping you to prevent the return of your problems?
- The effect of services in helping you to feel better?
- How effective the service was in helping you improve your knowledge and understanding of your problems?
- How effective the service was in helping the relationship between you and your family?
- How effective the service was in helping you establish good relationships with people outside your family?
- How effective the service was in helping you do better at school or college?

### Information

- The explanation of what was going to happen in your treatment and why?
- The publicity of information about the available child and adolescent mental health services?
- How information was given to you about the nature of your problems and what to expect in the future?

### Professional' Skills & Behaviour

- How the professionals (doctors, psychologists, nurses, therapists) listened to & understood your problems?
- The personal manner of professionals?
- The professionals keeping time of appointments?
- The confidentiality and respect for your rights?
- Being referred to other services if needed, (for example, to a paediatrician, educational psychologist, or social services)?
- How well different services worked together to help you (if you were seen by more than one person or agency)?
- The advice you were given about what to do between appointments?
- The continuity of care you have received (that is, seeing the same professionals)?
- The length of time between follow-up appointments?

# CAMHS Satisfaction Survey

## Items and Groupings



### Relatives' Involvement

- The advice given to your family or carers about how they could help you?
- How effective the service was in helping your family or carers to understand your problems?
- The ability of professionals to listen to and understand the worries your family or carers may have about you?
- How information was given to your family or carers about your problem and what to expect?
- How effective the service was in helping your family or carers deal better with your problem?

### Type of Intervention

- The response of services to crises or urgent needs during working hours?
- The arrangements made for after-hours emergencies?
- Was medication prescribed or recommended for you by a Child and Adolescent Psychiatrist?
- Did you receive help to cope with social and school life?
- Did you have the opportunity to meet alone, on a regular basis, with a therapist?
- Were you admitted (stayed overnight or attended daily) to a Child and Adolescent Mental Health Unit?
- Did your family or carers have meetings with a family therapist?
- Did you receive group therapy?
- Did your family (or carers) have the opportunity to meet on a regular basis with other parents?  
(parents group) of children with similar problems, in order to help to understand and help you?
- Did you receive help from the Child and Adolescent Service with your education, for example in finding a suitable school or additional support in school?

# Further Information



If you have any questions about this report, or would like to contribute data to the 2011/2012 report, please feel free to get in touch:

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