

Children's Mental Health Ontario  
BCFPI Annual Implementation Report  
January 1, 2007 to December 31, 2007

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Demographic Information  
for Cases Referred for  
Children's Mental Health Service  
Ontario

January 1, 2007 to December 31, 2007

# Demographics - General Information

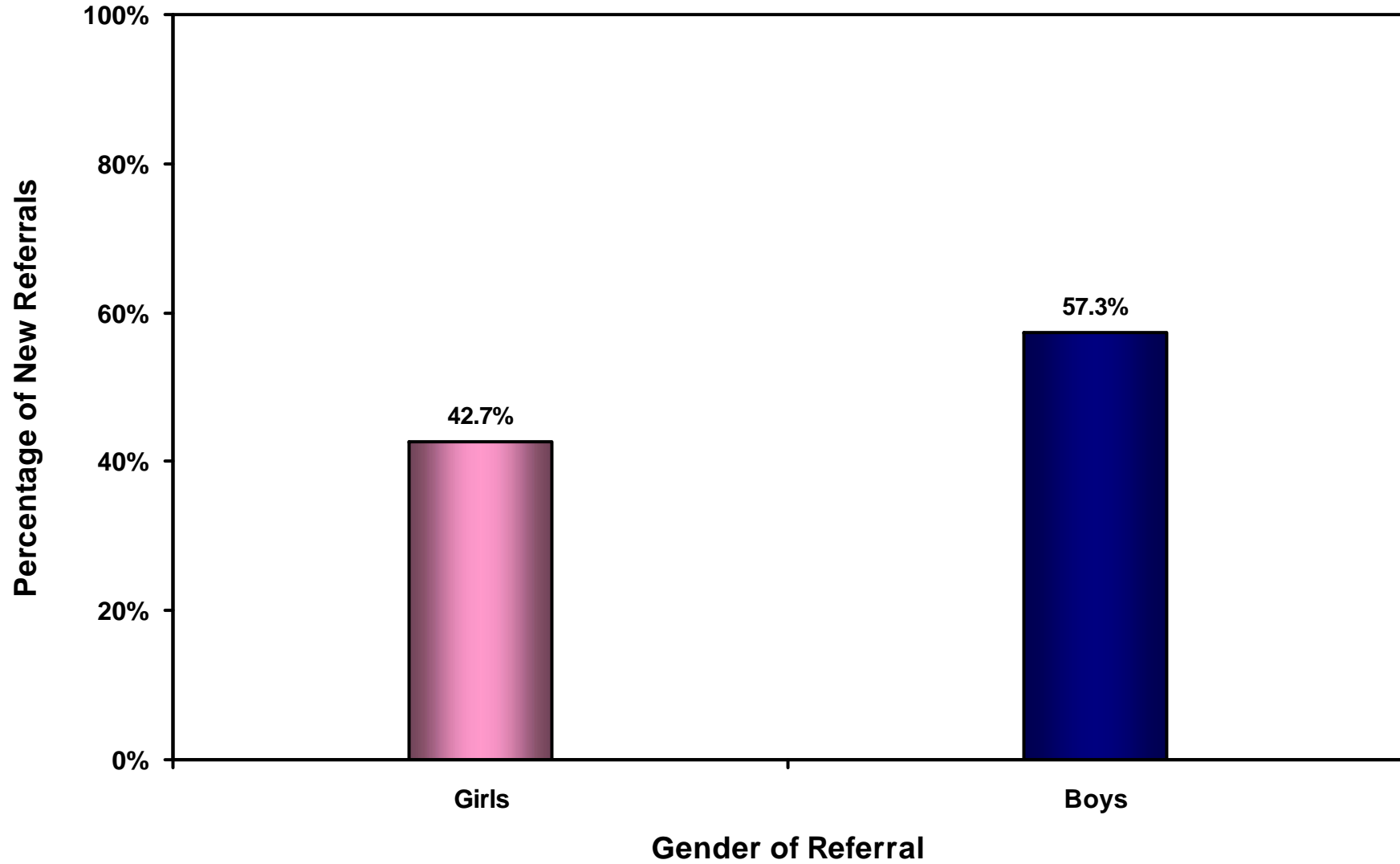
The slides that follow present summaries of the demographic information of children and youth referred for mental health services in Ontario using the BCFPI, with referral dates between January 1, 2007 and December 31, 2007. Information is summarized about the age and gender of the children and youth, as well as their families in terms of family structure, and parental education and income. Summaries are also presented of the age and gender of all children and youth who have been admitted to service between January 1, 2007 and December 31, 2007, regardless of whether they are 2007 referrals or were referred prior to January 1, 2007.

There are a couple of things to keep in mind when viewing the summaries:

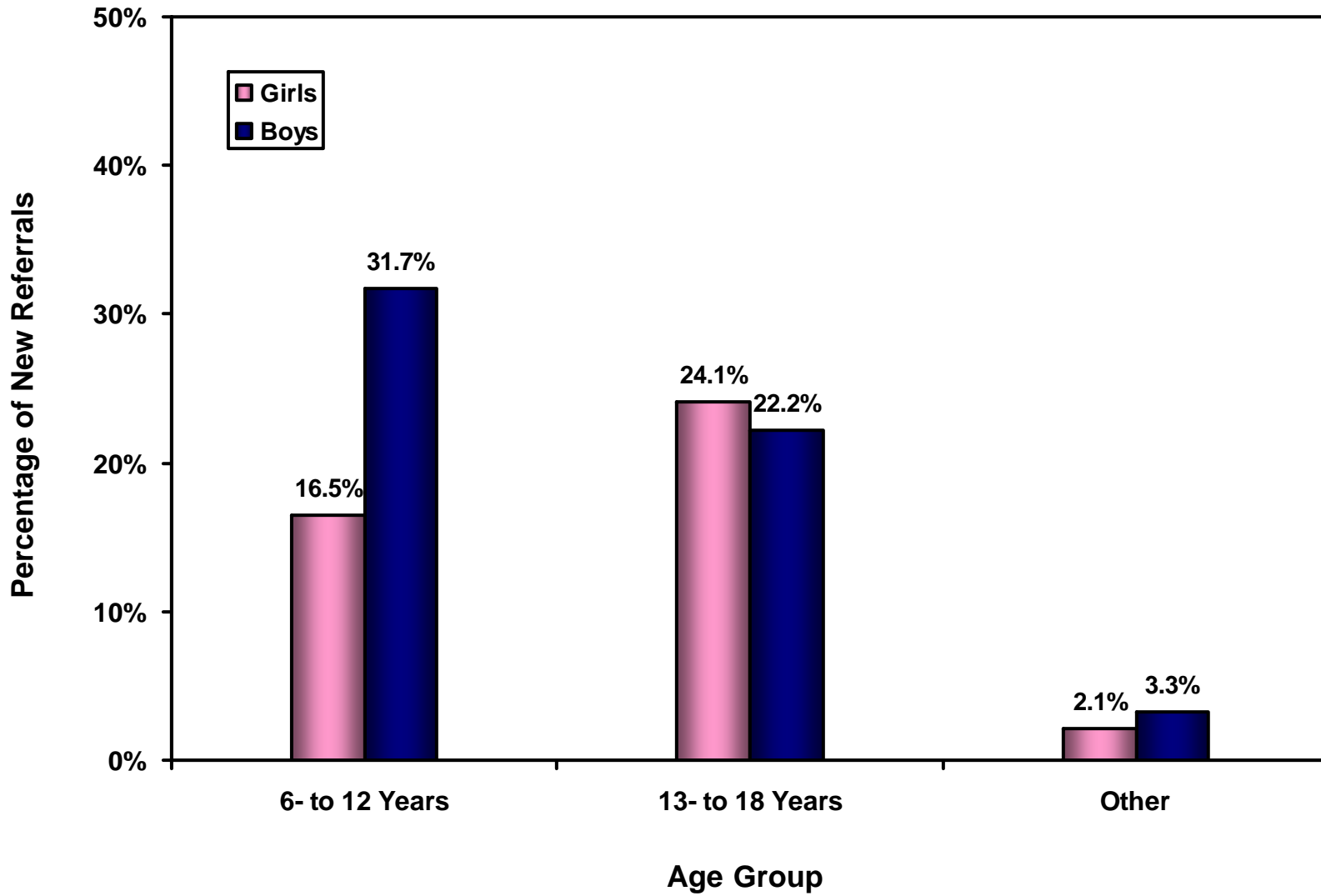
- 1) The BCFPI is mandated for use with children and youth between the ages of 6 and 18 years, and it is these ages we have emphasized in the summaries. Cases outside this age span have been grouped as *other*. The *other* category represents a comparatively small number of cases in which an individual outside the 6 to 18 year-old range has been included in the BCFPI records, or a birth date has been entered erroneously and falls outside the 6 to 18 year-old span.
- 2) Interviewed individuals may decline to respond to some questions included in the BCFPI. This reluctance is especially true of questions related to parental income, although it is true to a lesser degree for questions related to both parental education and family structure. For all three of these areas, the percentages indicated are relative to the number of interviewees answering the relevant questions.

# New Referrals by Gender: January 1, 2007 to December 31, 2007

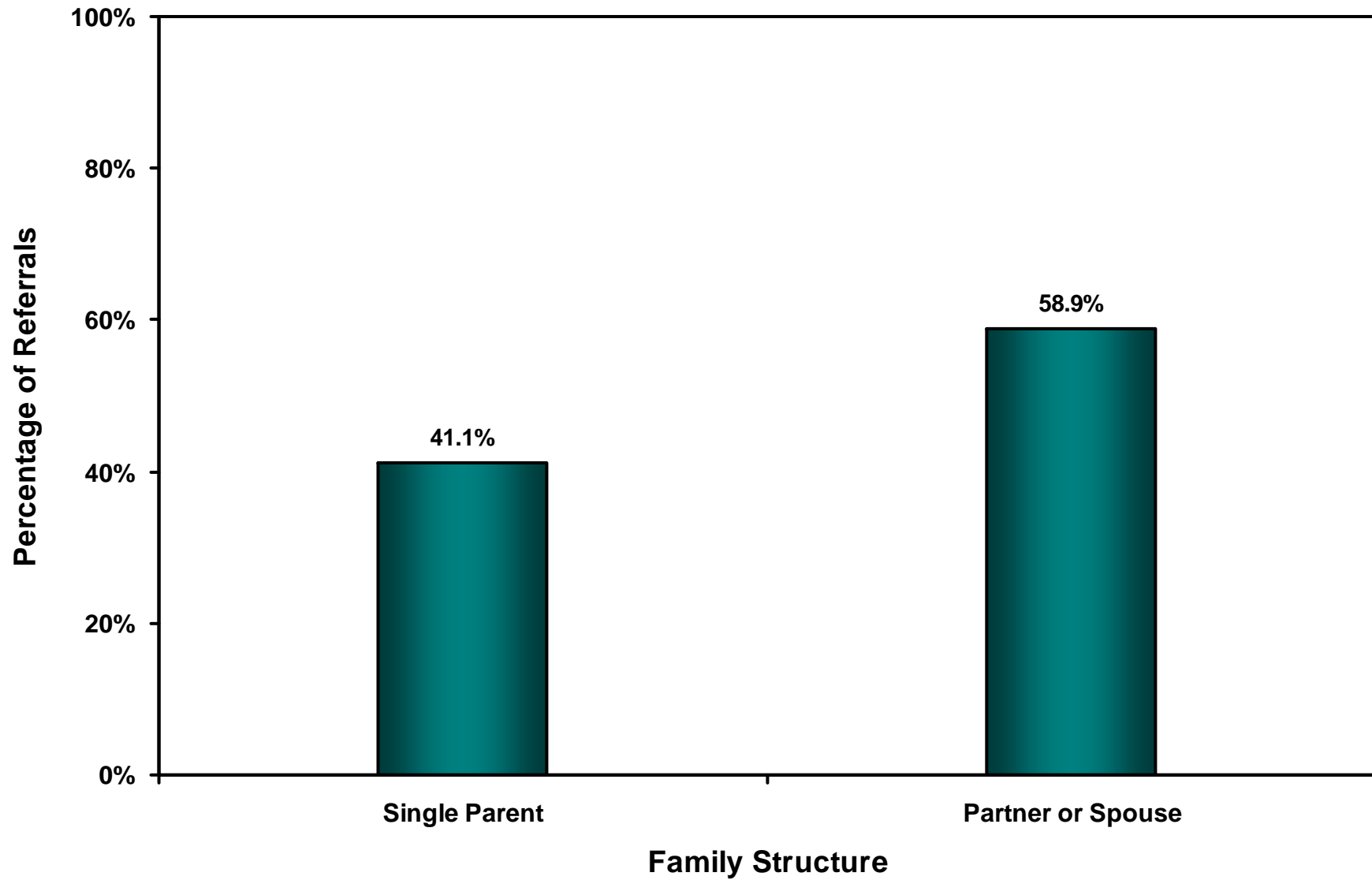
N=25,378



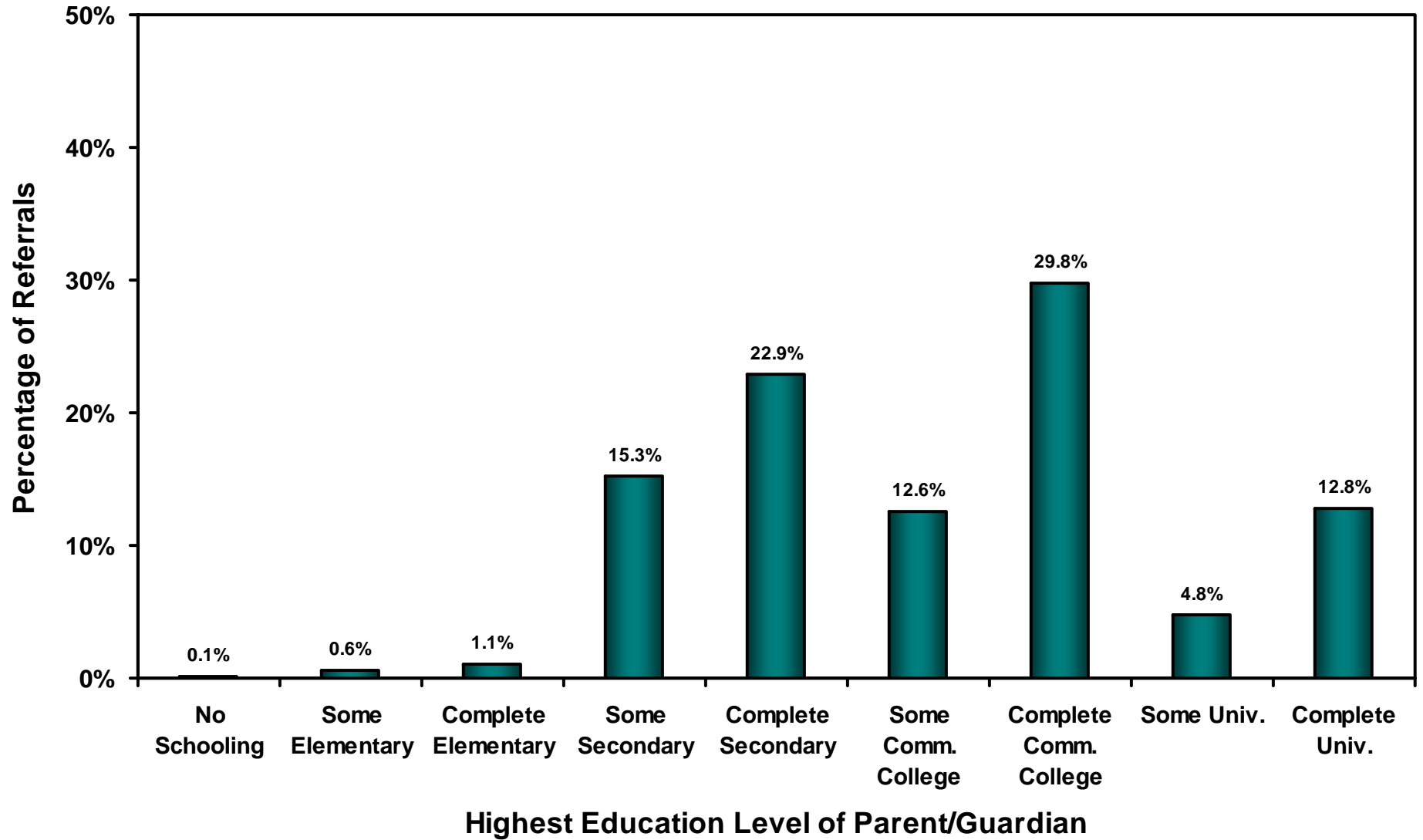
## New Referrals by Gender and Age Group January 1, 2007 to December 31, 2007



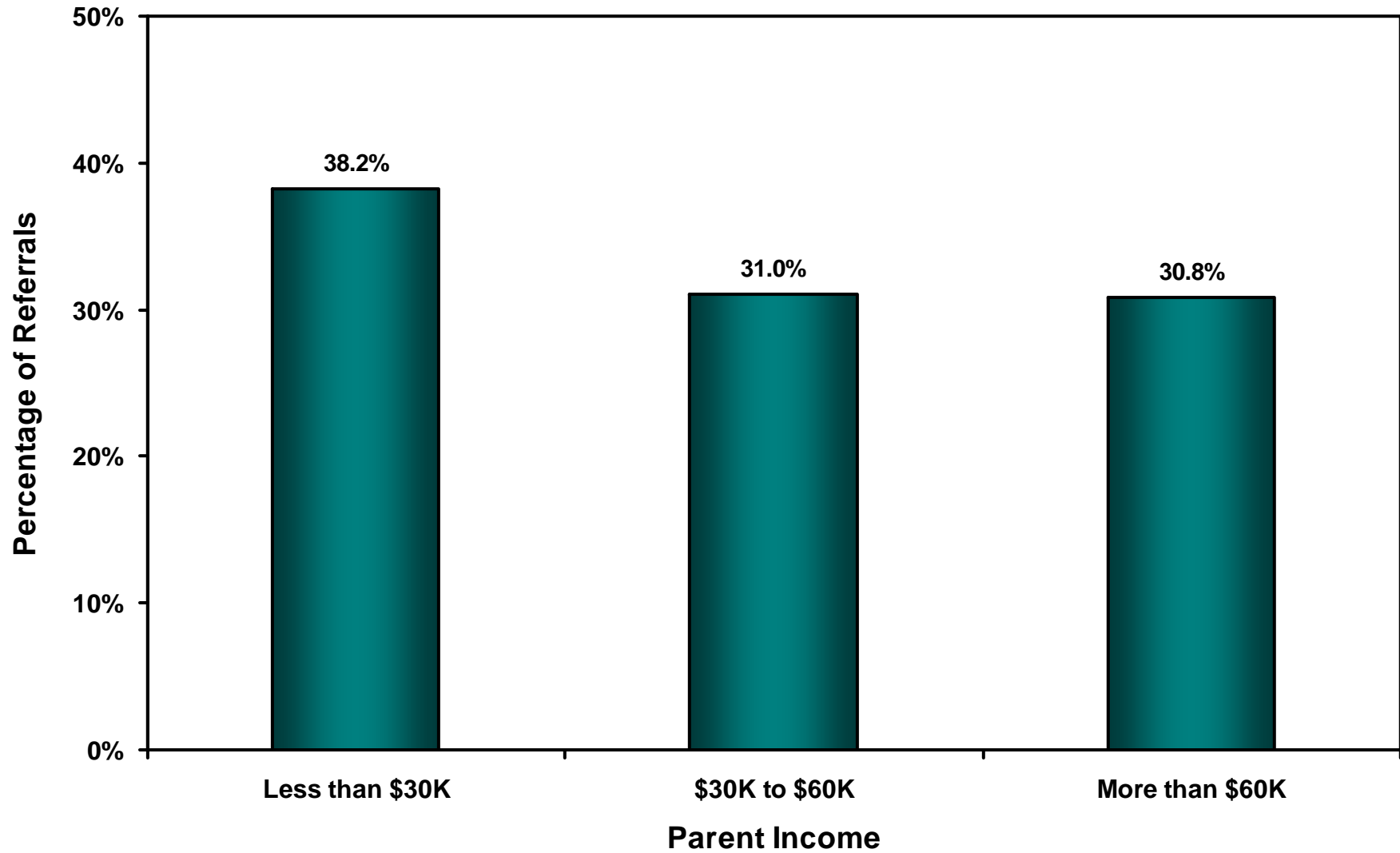
### New Referrals by Family Structure: January 1, 2007 to December 31, 2007



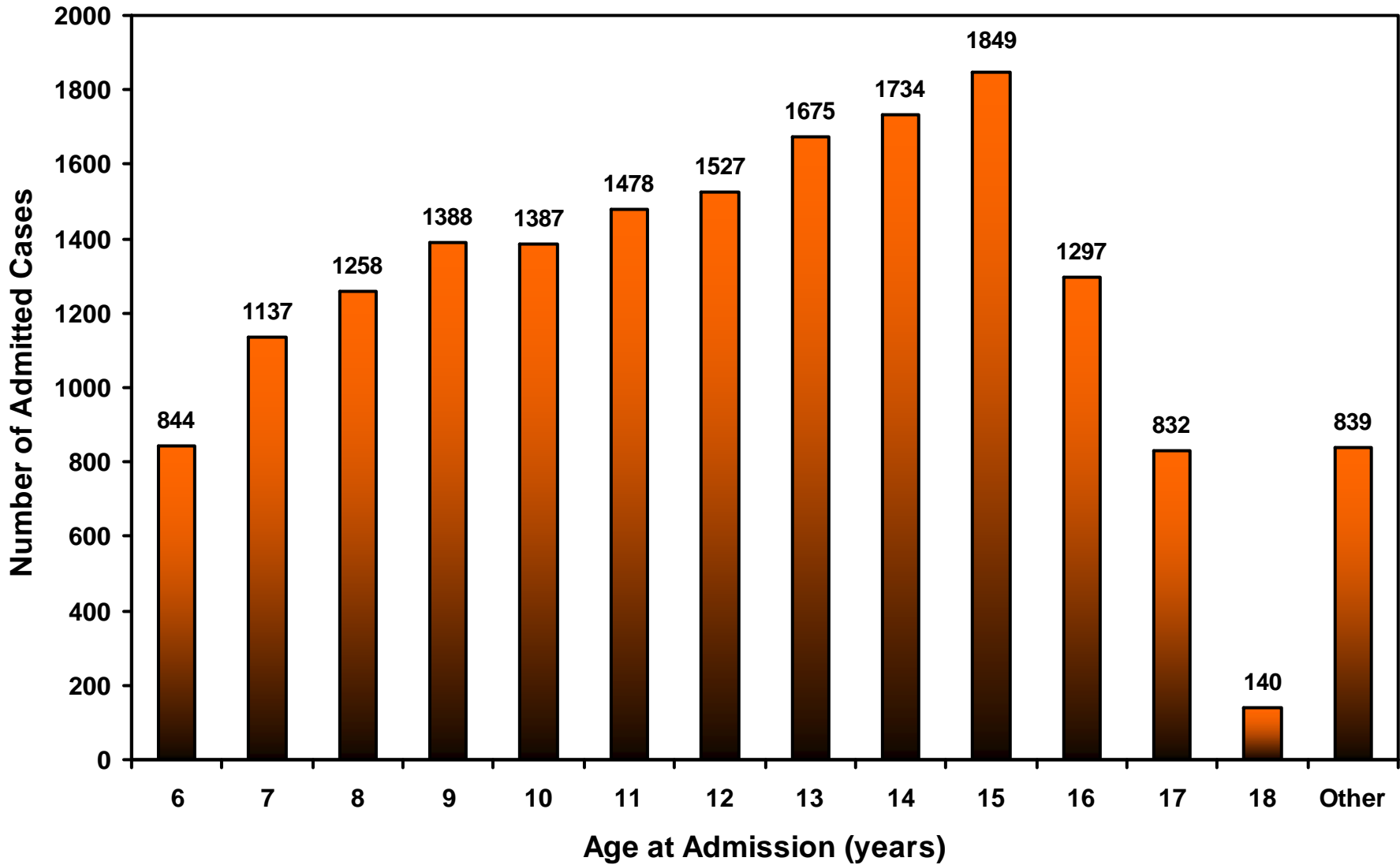
## New Referrals by Education Level of Parents January 1, 2007 to December 31, 2007



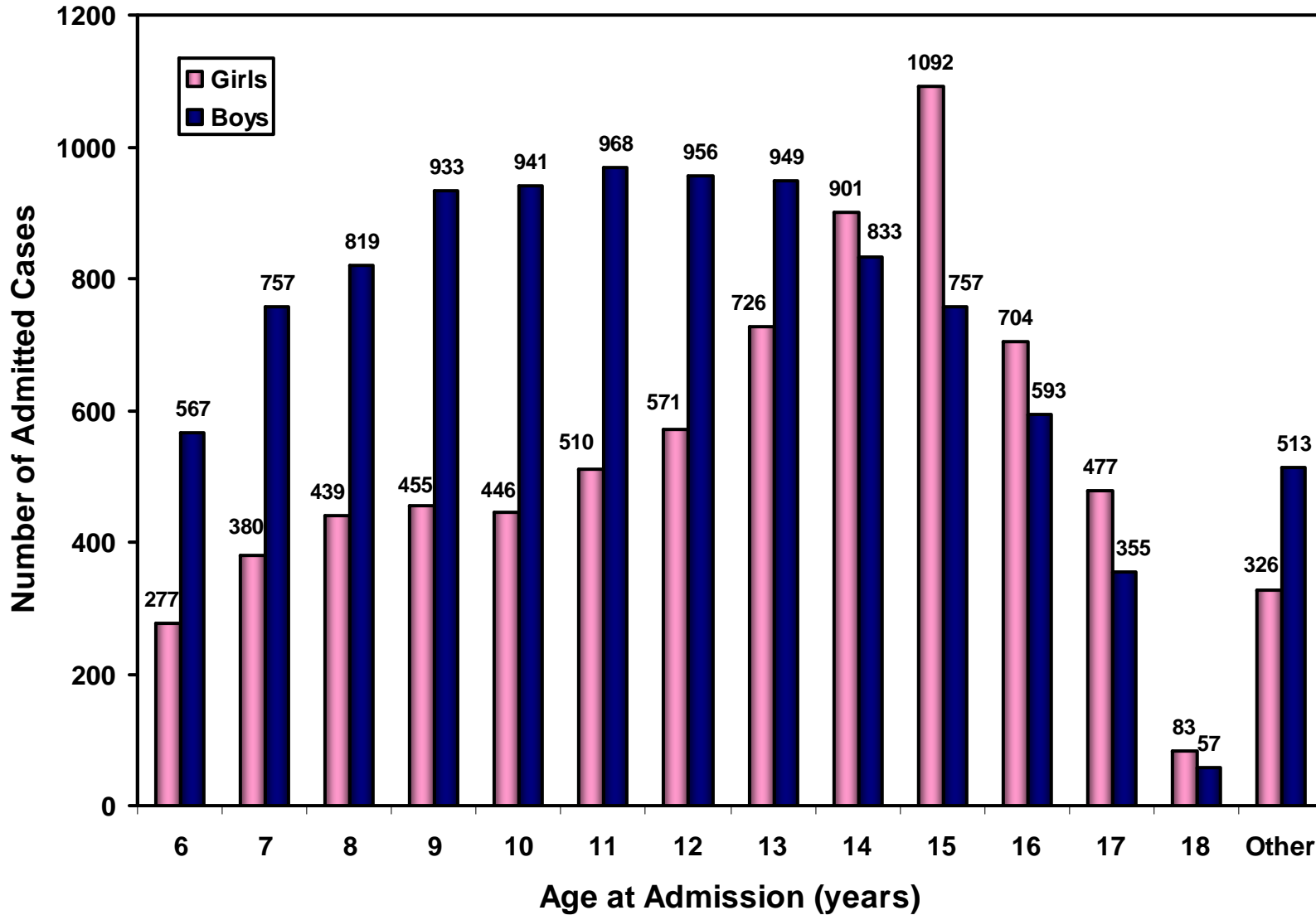
## New Referrals by Income of Parents January 1, 2007 to December 31, 2007



## Age at Admission to Treatment: January 1, 2007 to December 31, 2007



## Age and Gender at Admission to Treatment January 1, 2007 to December 31, 2007



# Prevalence of Mental Health and Functional Indicators

Ontario

January 1, 2007 to December 31, 2007

## Prevalence of Mental Health and Functional Indicators Key Statistics

Number of agencies submitting BCFPI interview data	104
Number of interviews conducted between January 1, 2007 and December 31, 2007	27,749
Of these: interviews done before service started	26,278
done before service started using the "Parent Phone Interview" format	20,759
done before service started using the Adolescent Interview	4,985
done before service started using the Teacher Interview	534

### Prevalence of Mental Health Indicators, as indicated by Parent Interviews\*, before service started

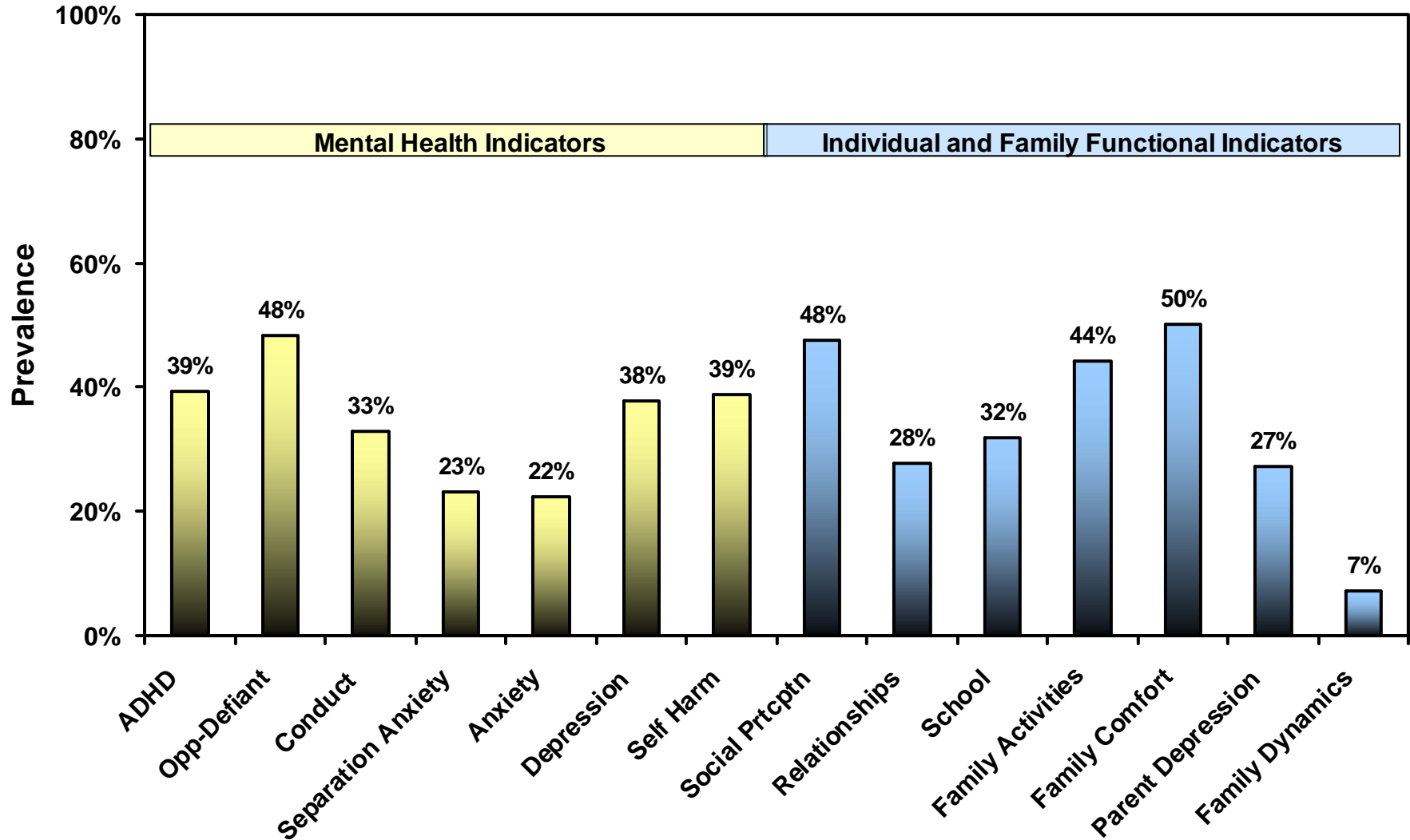
BCFPI Indicator Label	Related Diagnostic Category	Abbreviation for Charts	
Regulation of Attention, Impulsivity and Activity	Attention Deficit Hyperactivity Disorder	ADHD	39%
Cooperativeness	Oppositional-Defiant Disorder	Opp-Defiant	48%
Conduct	Conduct Disorder	Conduct	33%
Separating from Parents	Separation Anxiety Disorder	Separation Anxiety	23%
Managing Anxiety	Anxiety Disorder	Anxiety	22%
Managing Mood	Depressive Disorder	Depression	38%
Self Harm	N/A	Self Harm	39%

### Prevalence of Functional Indicators

BCFPI Indicator Label	Abbreviation for Charts	
Social Participation	Social Prtcptn	48%
Relationships	Relationships	28%
School	School	32%
Family Activities	Family Activities	44%
Family Comfort	Family Comfort	50%
Parental Mood Management	Parent Depression	27%
Family Dynamics	Family Dynamics	7%

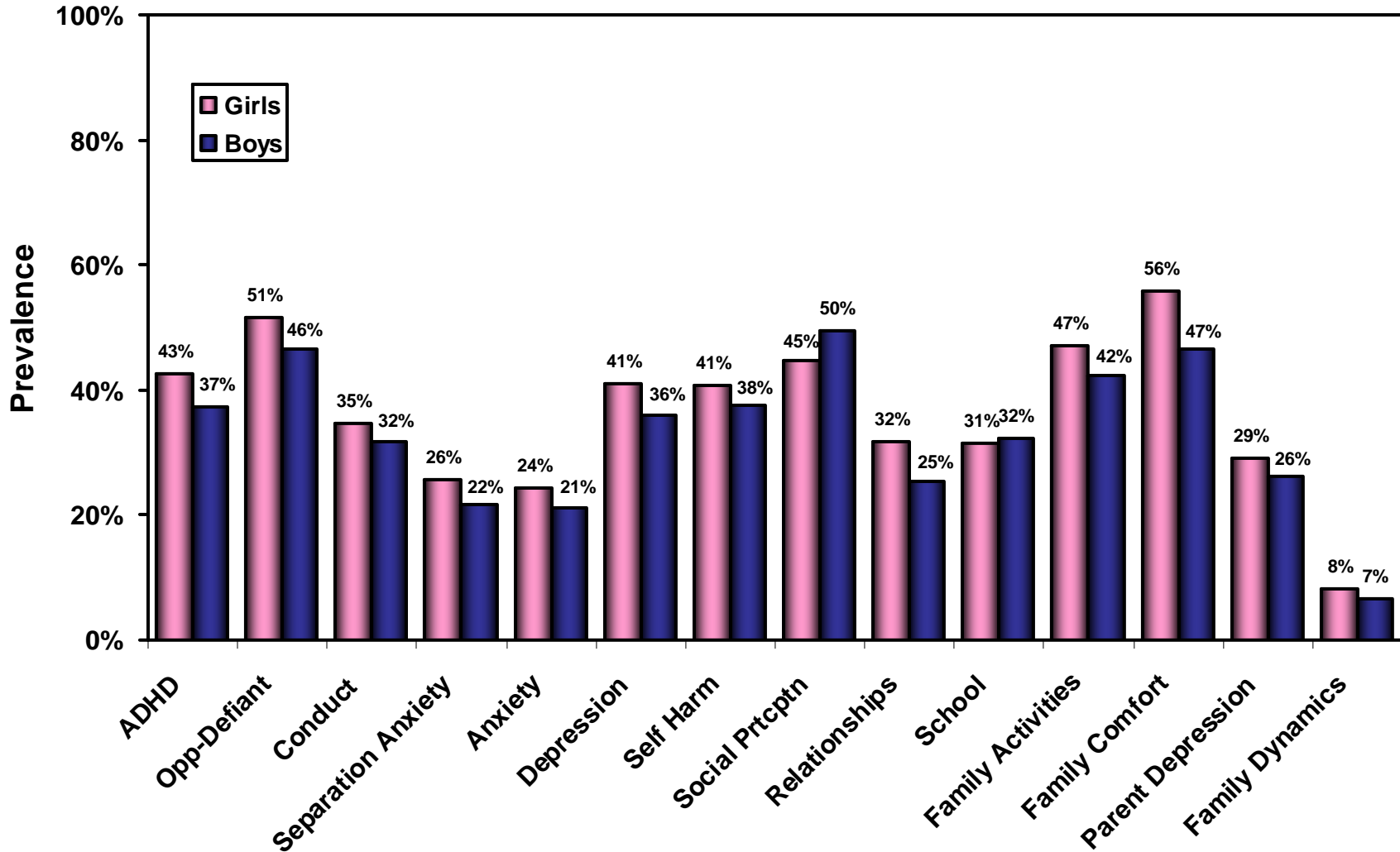
\* Parent Interview scores are used in presenting aggregate prevalence data for large data sets to ensure uniform comparisons. Adolescent and Teacher Interviews have some categories that are different. In addition, adolescents consistently rate themselves as being less troubled than the adults in their lives rate them. Further, agencies have varying proportions of interviews carried out with these three groups.

## Mental Health and Functional Indicators of New Referrals January 1, 2007 to December 31, 2007



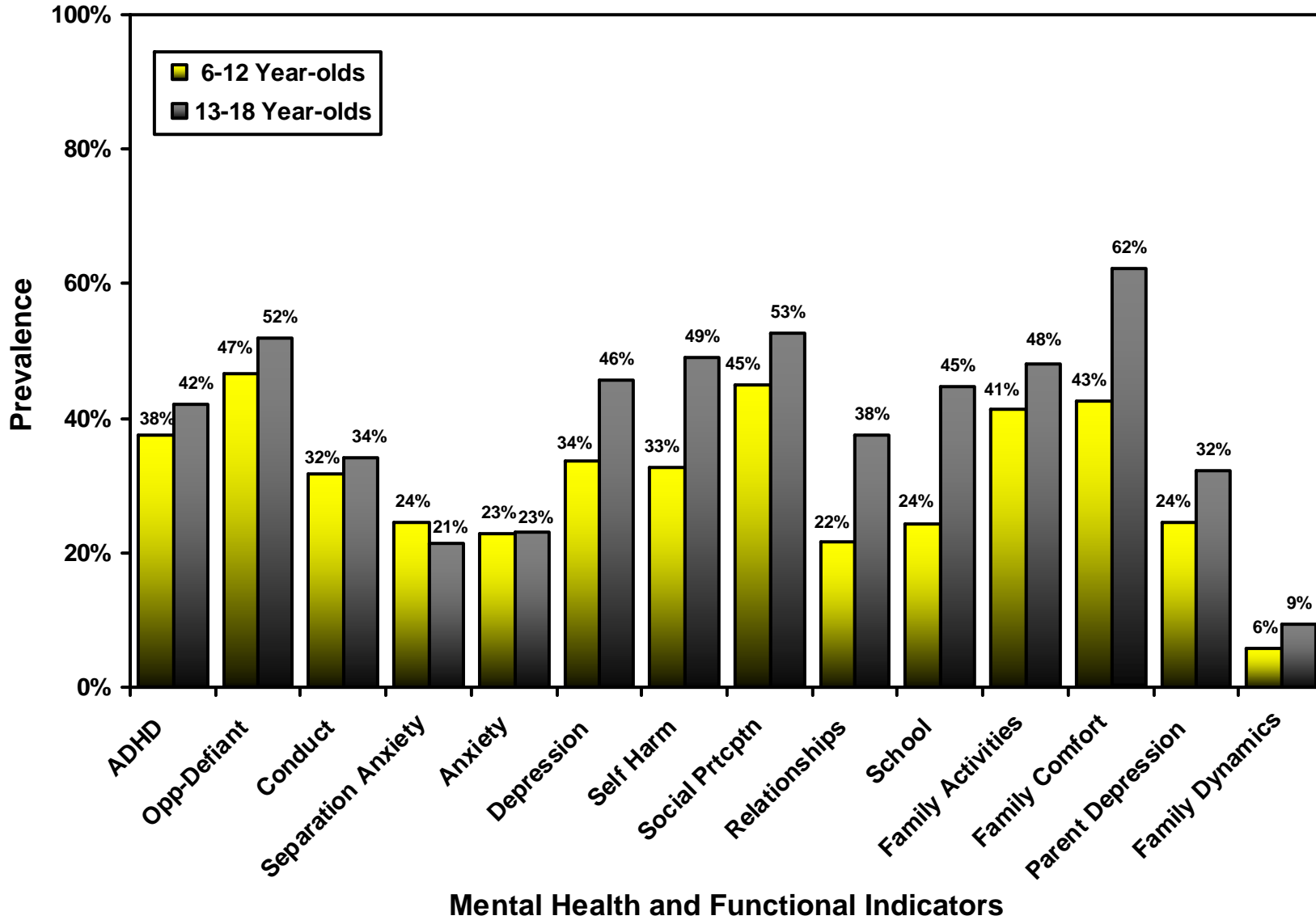
**Mental Health and Functional Indicators**

## Mental Health and Functional Indicators of New Referrals by Gender January 1, 2007 to December 31, 2007



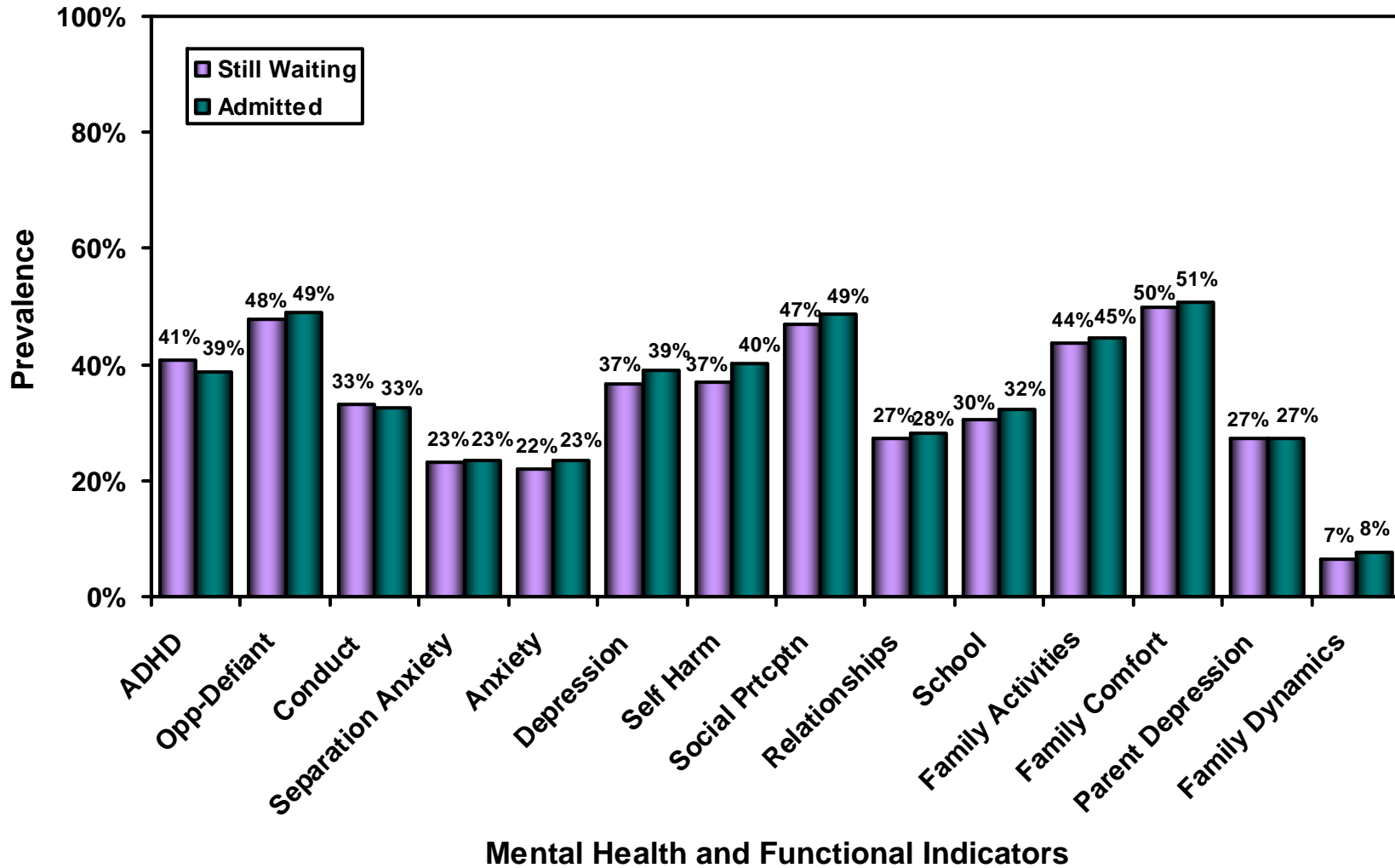
**Mental Health and Functional Indicators**

## Mental Health and Functional Indicators of New Referrals by Age Group January 1, 2007 to December 31, 2007



## Mental Health and Functional Indicators: Still Waiting vs. Admitted Cases

N=6,941 Still Waiting; N=11,646 Admitted



This graph compares indicators for children and youth still waiting and those admitted, for cases referred in the previous 12 months.

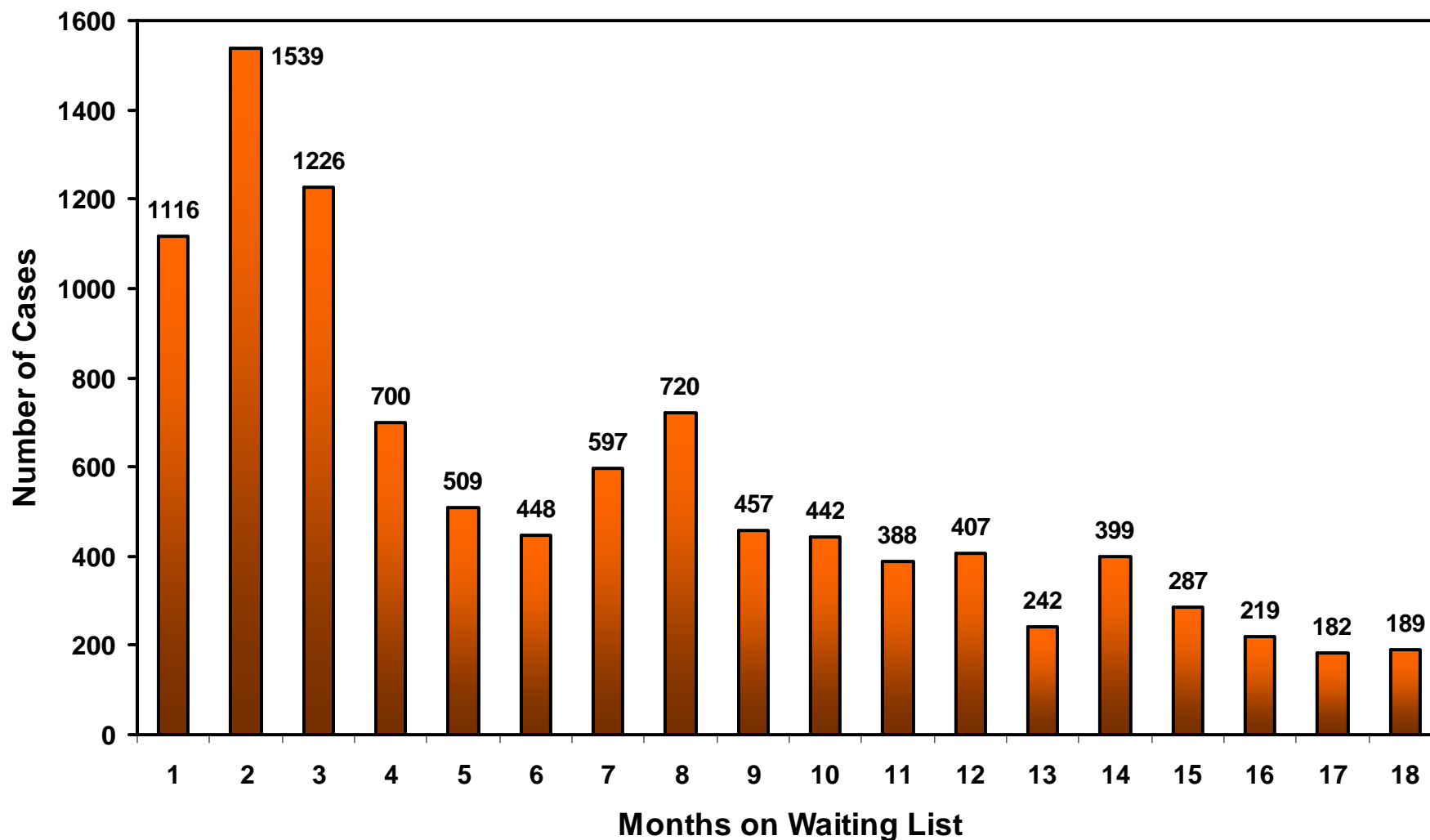
# Waiting List Statistics

## Ontario

## Waiting List Key Statistics

Number of agencies submitting enrolment data	104
Number of unique enrolment records available in the BCFPI report database for analysis on December 31, 2007, including those gathered since April 1, 2004	93,413
Number of cases referred in the 12 month period ending on December 31, 2007	25,377
Number of cases referred in the 12 month period ending on December 31, 2007, who had begun service by that date	14,112
Number of cases referred in the 12 month period ending on December 31, 2007, who began service within one month of referral	8,291
as a percentage of all referrals	33
% starting within 2 months	43
% starting within 3 months	48
Number of clients whose enrolment information indicated that they began service on the day they were referred	2,442
as a percentage of all referrals	10
Average wait time between referral and admission for 14,112 admissions	41 days
Number of clients referred in the 12 month period ending on December 31, 2007, who were still waiting to begin service on that date	8,549
Average wait time for referrals from the 12 month period ending on December 31, 2007, who were still waiting to begin service on that date	141 days
<b>Non-Materialized Cases</b>	
Number of referrals from the 12 month period ending on December 31, 2007, that were closed without receiving service ("Non- Materialized" cases)	2,716
as a percentage of cases which left "waiting list" status (admissions plus non-materialized)	16
<b>Earlier Referrals (between July 1, 2006 and December 31, 2006)</b>	
Number of cases referred between July 1, 2006 and December 31, 2006, and still waiting to begin service on September 30, 2007	1,518
Average wait time for those cases referred between July 1, 2006 and December 31, 2006, and still waiting to begin service on December 31, 2007	447 days

## Months on Waiting List for Cases Referred Since July 1, 2006 and Still Waiting on December 31, 2007



There are additional cases of wait times beyond 18 months. We have chosen to omit those from this graphic for reasons of simplicity, and, in addition, because it is much more likely that these represent cases which are not truly still waiting, but that have not materialized but not been closed out.

## Appendix 1a

# Wait List Views

Enrolment Status on December 31, 2007 of All Referrals from  
Previous 12 Months

# Wait Time Pie Chart – General Information

The slides that follow present pie chart summaries of the status, on December 31, 2007, of all referrals made in the twelve month period between January 1, 2007 and December 31, 2007. A slide representing the entire province of Ontario is presented first, followed by one for each MCYS region. The pie chart is divided into seven wedges:

**Waited: < 1 Month** - The child or youth entered into service within a month of referral.

**Waited: 1 to 2 Months** - The child or youth waited between one and two months after referral to begin receiving service.

**Waited: 2 to 3 Months** - The child or youth waited between two and three months after referral to begin receiving service.

**Waited: 3 to 6 Months** - The child or youth waited between three and six months after referral to begin receiving service.

**Waited: 6 to 12 Months** - The child or youth waited between six and twelve months after referral to begin receiving service.

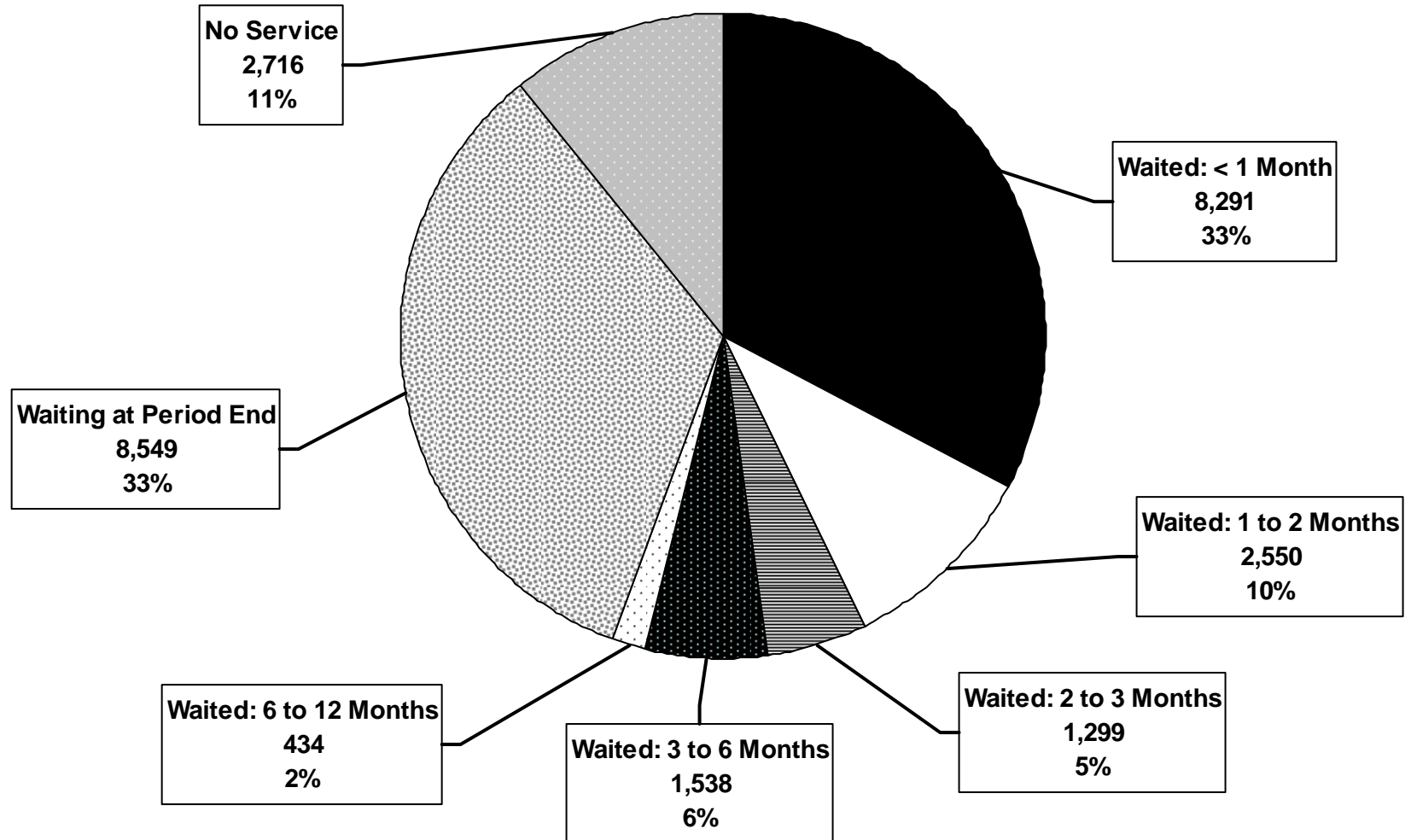
**Waiting at Period End** - The child or youth was still on a waiting list to receive service as of December 31, 2007. Because the chart is limited to referrals from the previous twelve months referrals prior to January 1, 2007 that are still waiting for service are excluded.

**No Service** - The child or youth was removed from the waiting list prior to December 31, 2007 without having received service.

A text box next to each pie chart wedge provides the category name, the frequency of occurrence of that category in the previous 12 months, and the frequency of that category as a percentage of all referrals from the previous 12 months.

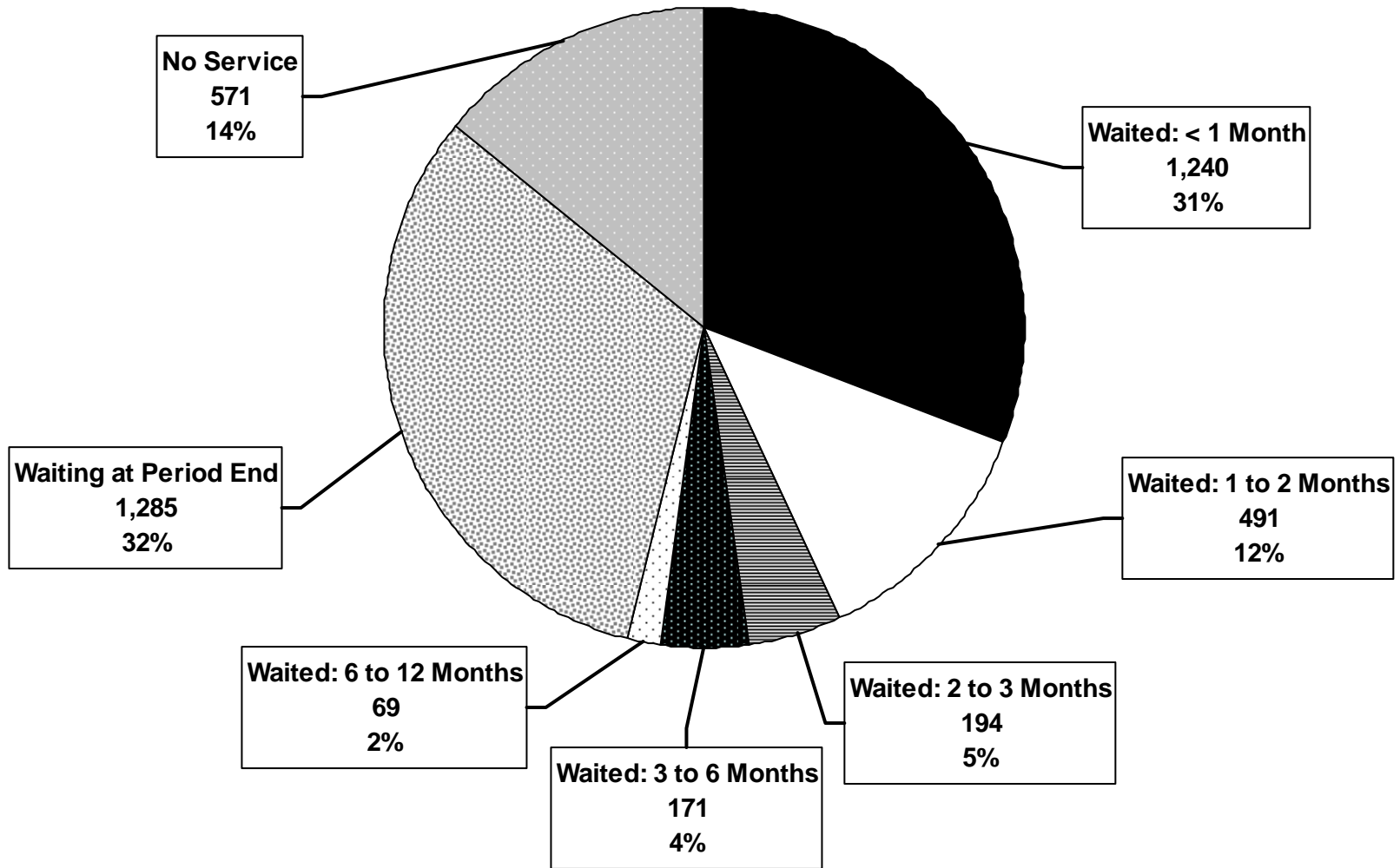
# Status on December 31, 2007 of Referrals from Previous 12 Months

## Ontario



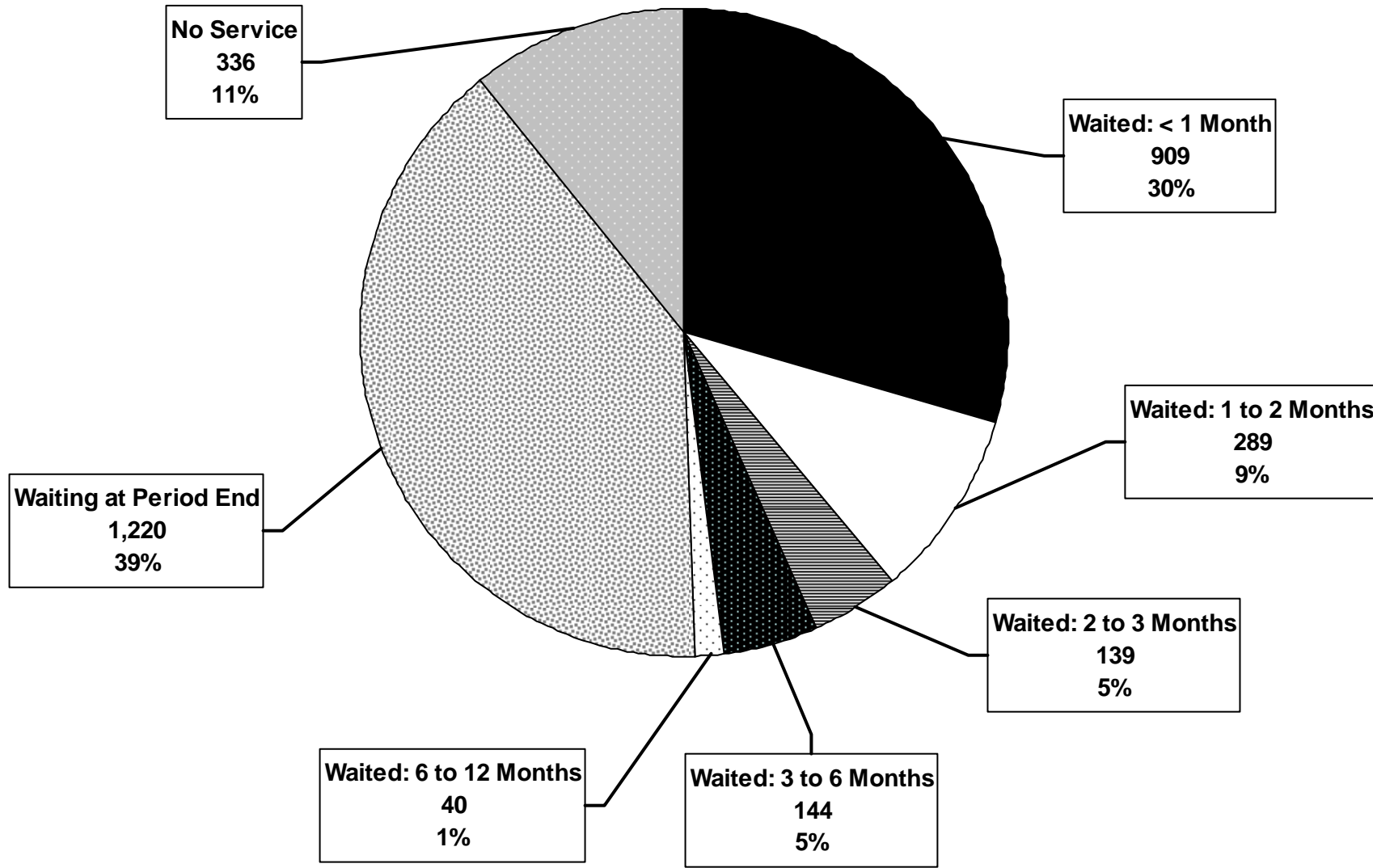
# Status on December 31, 2007 of Referrals from Previous 12 Months

## Central East Region



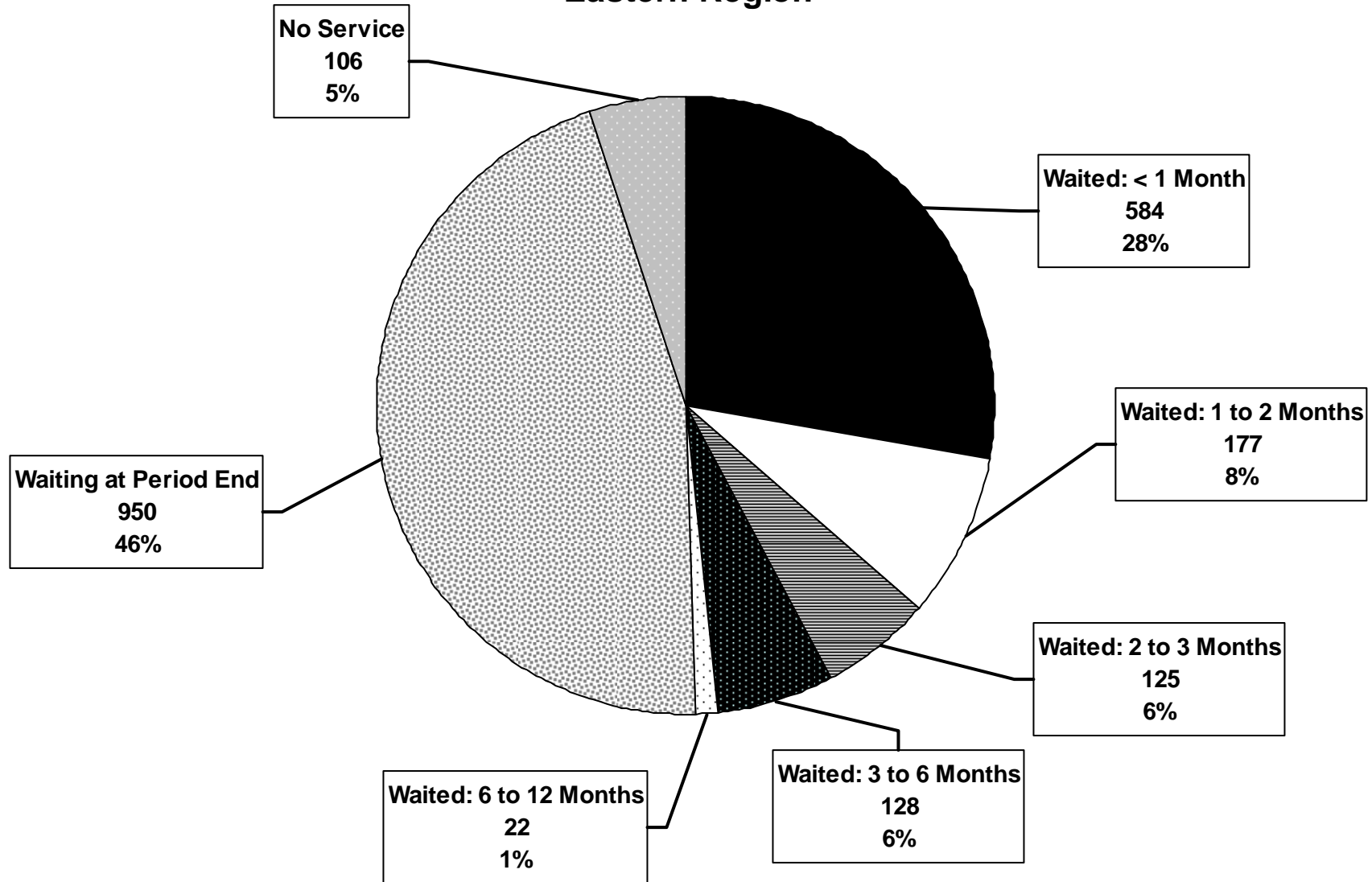
# Status on December 31, 2007 of Referrals from Previous 12 Months

## Central West Region



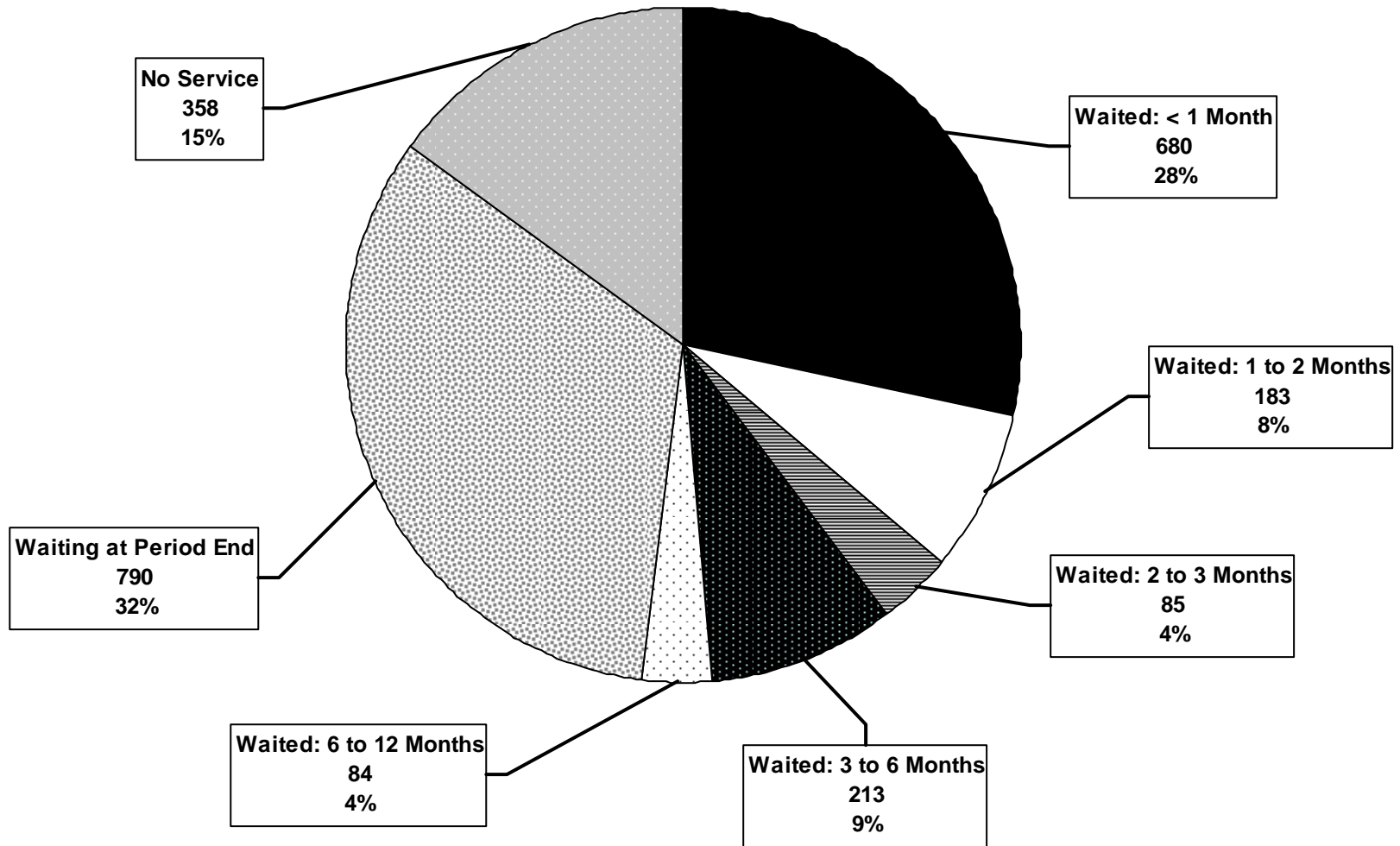
# Status on December 31, 2007 of Referrals from Previous 12 Months

## Eastern Region



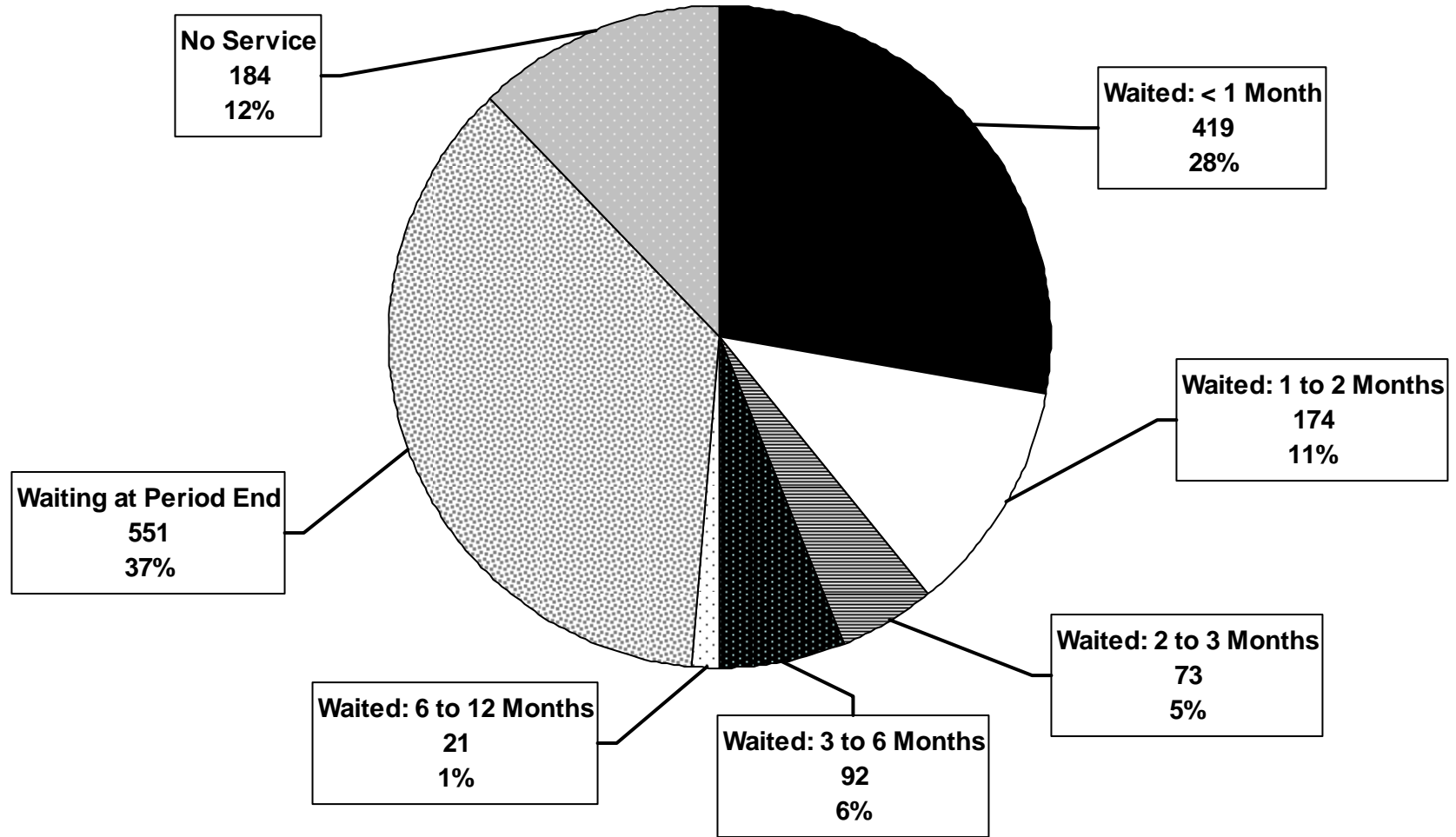
# Status on December 31, 2007 of Referrals from Previous 12 Months

## Hamilton/Niagara Region



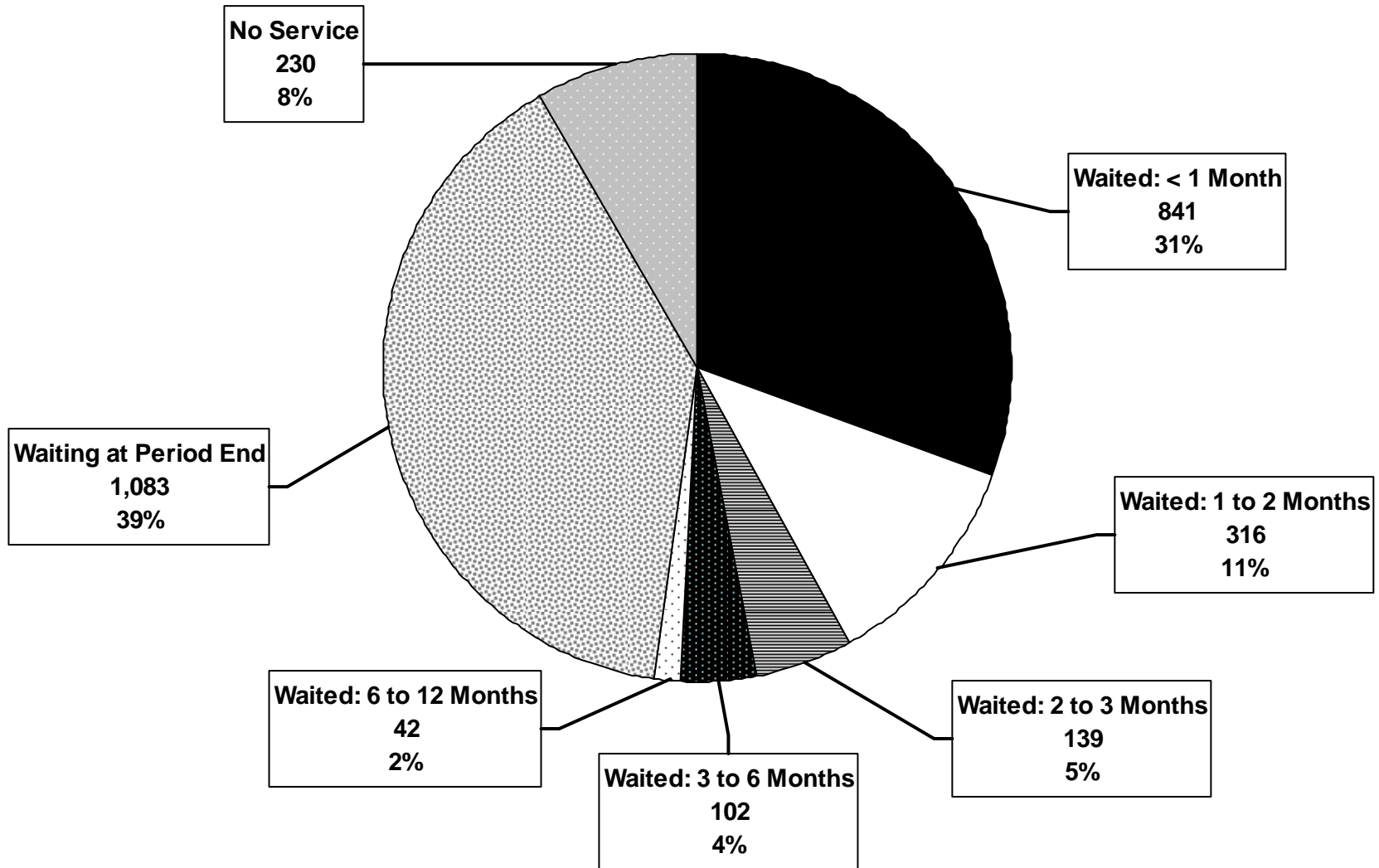
# Status on December 31, 2007 of Referrals from Previous 12 Months

## North East Region



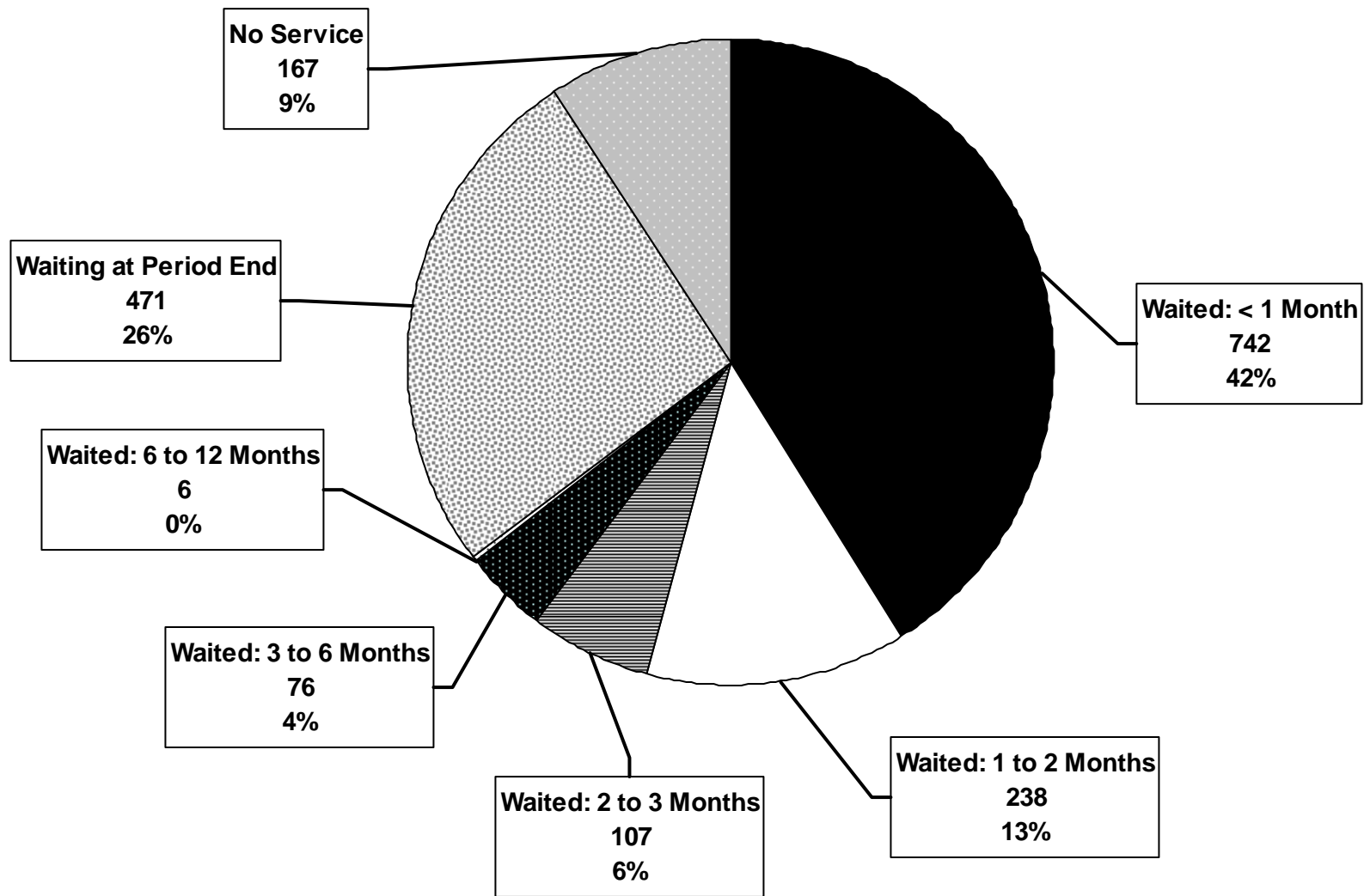
# Status on December 31, 2007 of Referrals from Previous 12 Months

## Northern Region



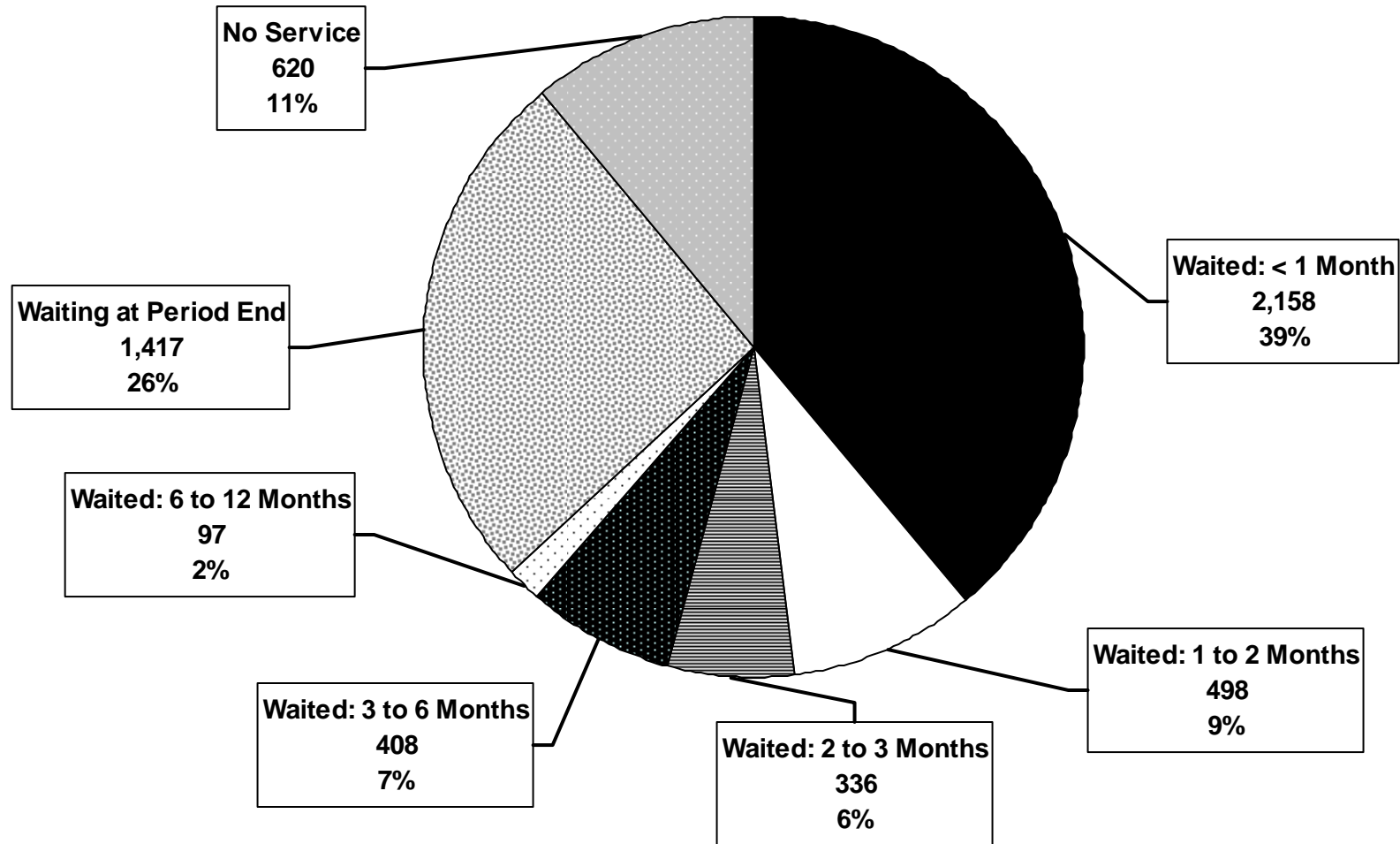
# Status on December 31, 2007 of Referrals from Previous 12 Months

## South East Region



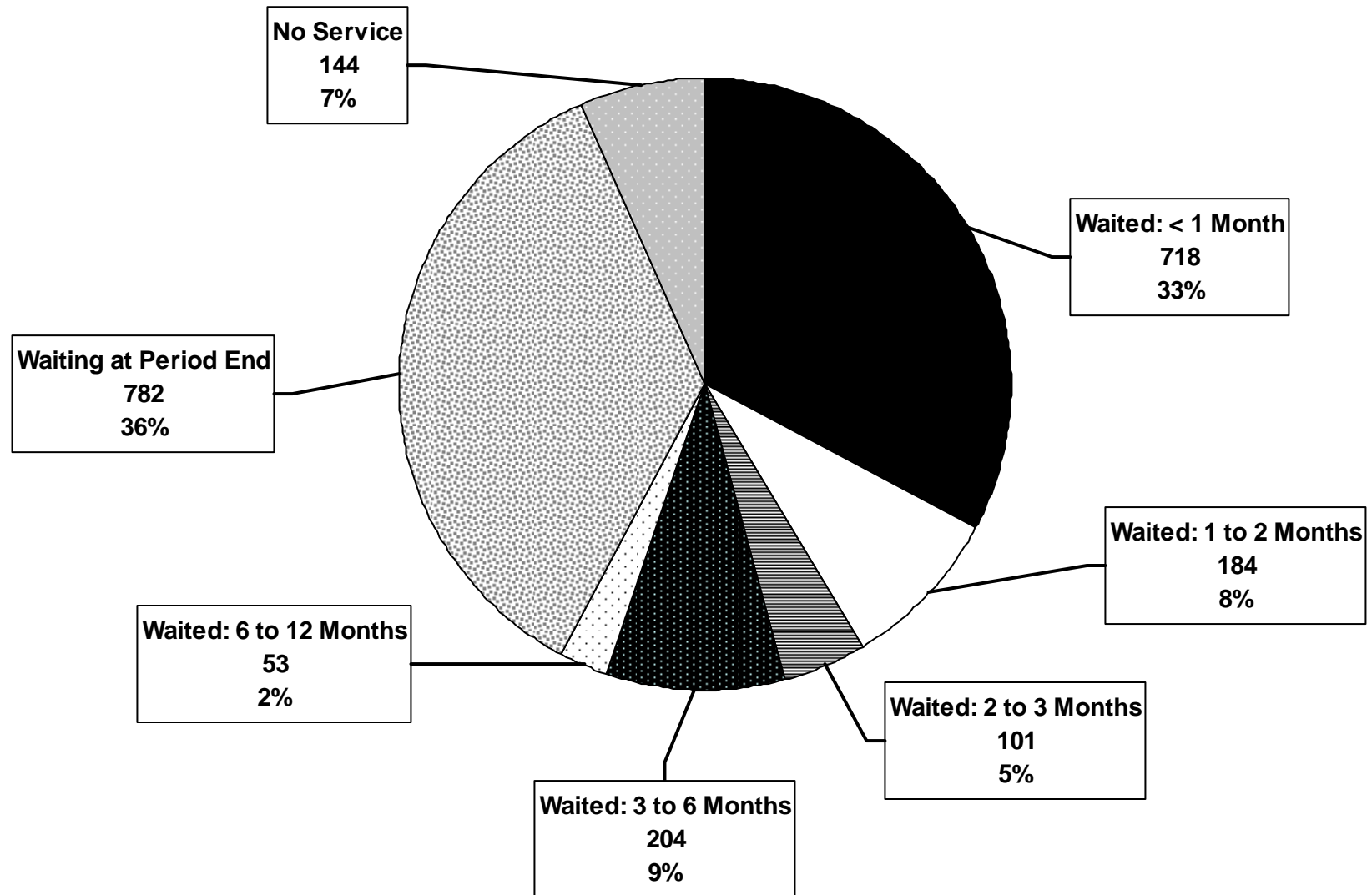
# Status on December 31, 2007 of Referrals from Previous 12 Months

## South West Region



# Status on December 31, 2007 of Referrals from Previous 12 Months

## Toronto Region



Appendix 1b

# Wait List Views

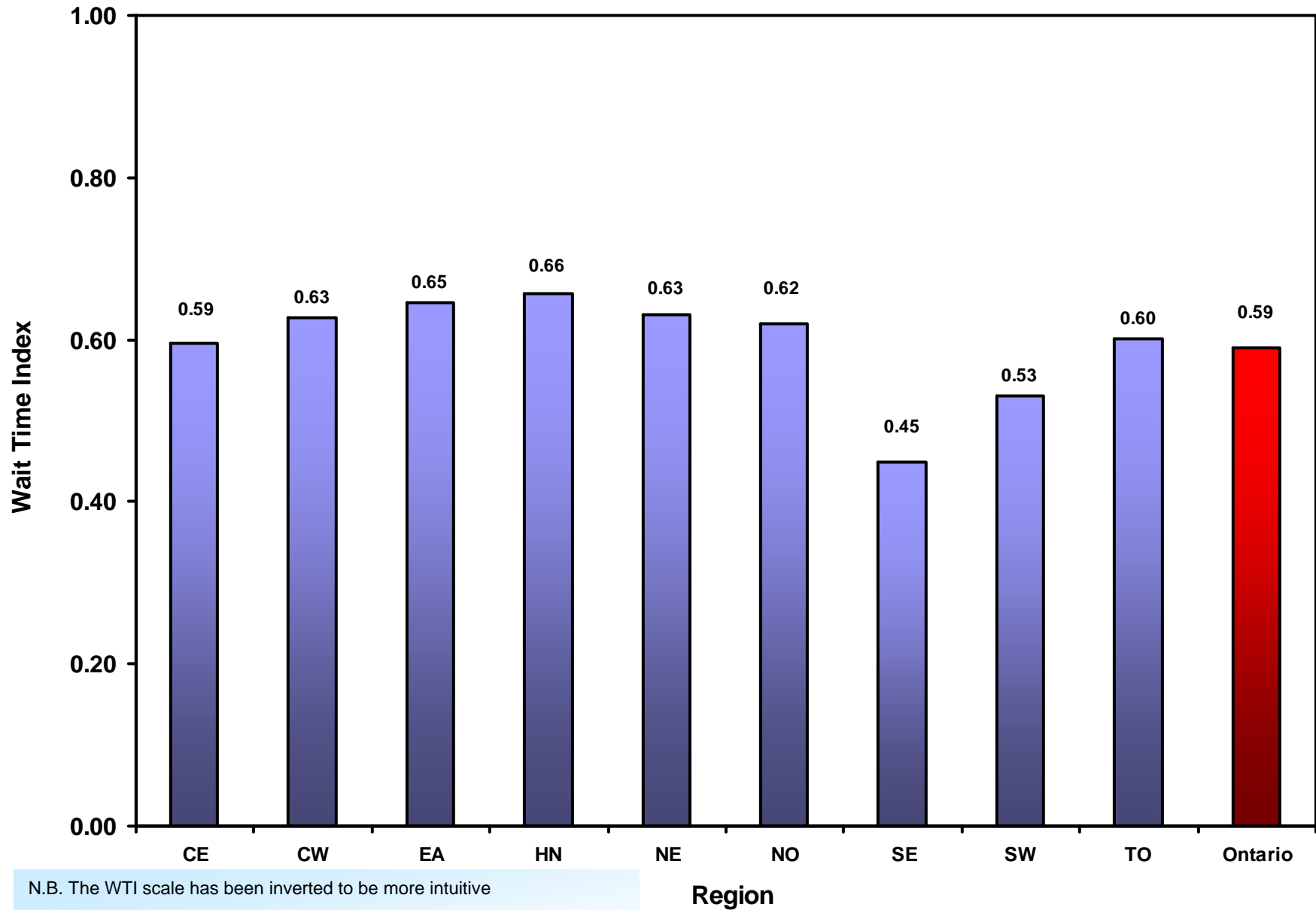
Wait Time Index

## The Wait Time Index

- The “Wait Time Index” is a calculation based on an agency’s ability to admit clients within the first three months after they are referred.
- The index is intended to provide a single measure which can provide a method to track the change in the wait time experienced by clients and to compare the waiting list situations in different regions, agencies or programs.
- Admissions within the first month are weighted as three times as valuable as those in the third month, and those in the second month are weighted as twice as valuable as those in the third month.
- The formula for the “WTI” sums the “percentage of clients admitted within one month of being referred, times 3”, the “percentage of clients admitted in the second month after referral, times 2”, and the percentage of clients admitted in the third month after referral”, divides this sum by three and then subtracts the resulting number from 1. The result is expressed as an index that is between 0 and 1.
- For example, an agency that admitted 27% of clients in the first month, another 13% in the second month and another 10% in the third month (leaving 50% still waiting at the end of the third month) would have a Wait Time Index of  $[1 - (((0.27 * 3) + (0.13 * 2) + (0.1 * 1)) / 3)]$ . This is example 8 in the table of examples of WTI calculations below.
- As demonstrated in example 1, a Wait Time Index of 0 would indicate that an agency was able to admit all clients to a “regular ongoing core service, or a service that meets the client’s current needs”, within one month of the client having been referred for help. A “Wait Time Index” of 1 would indicate that no clients were admitted within three months of having been referred. The first four examples in the table, in all of which 100% of clients are admitted by the end of the third month, are intended to demonstrate the effect of the increased weighting of the first and second month admission percentages.
- In the graphs on the following pages, participating centres for each MCYS region are listed in alphabetical order using a naming protocol where some centres’ names have been abbreviated for the purposes of presentation in this format
- Centres which are participating in the project but which do not appear on the appropriate regional graph may not have been able to submit data for this time period or there may have been data integrity problems with their submission that we were unable to resolve. Details and clarifications are available from Brian O’Hara <brian@cmho.org>

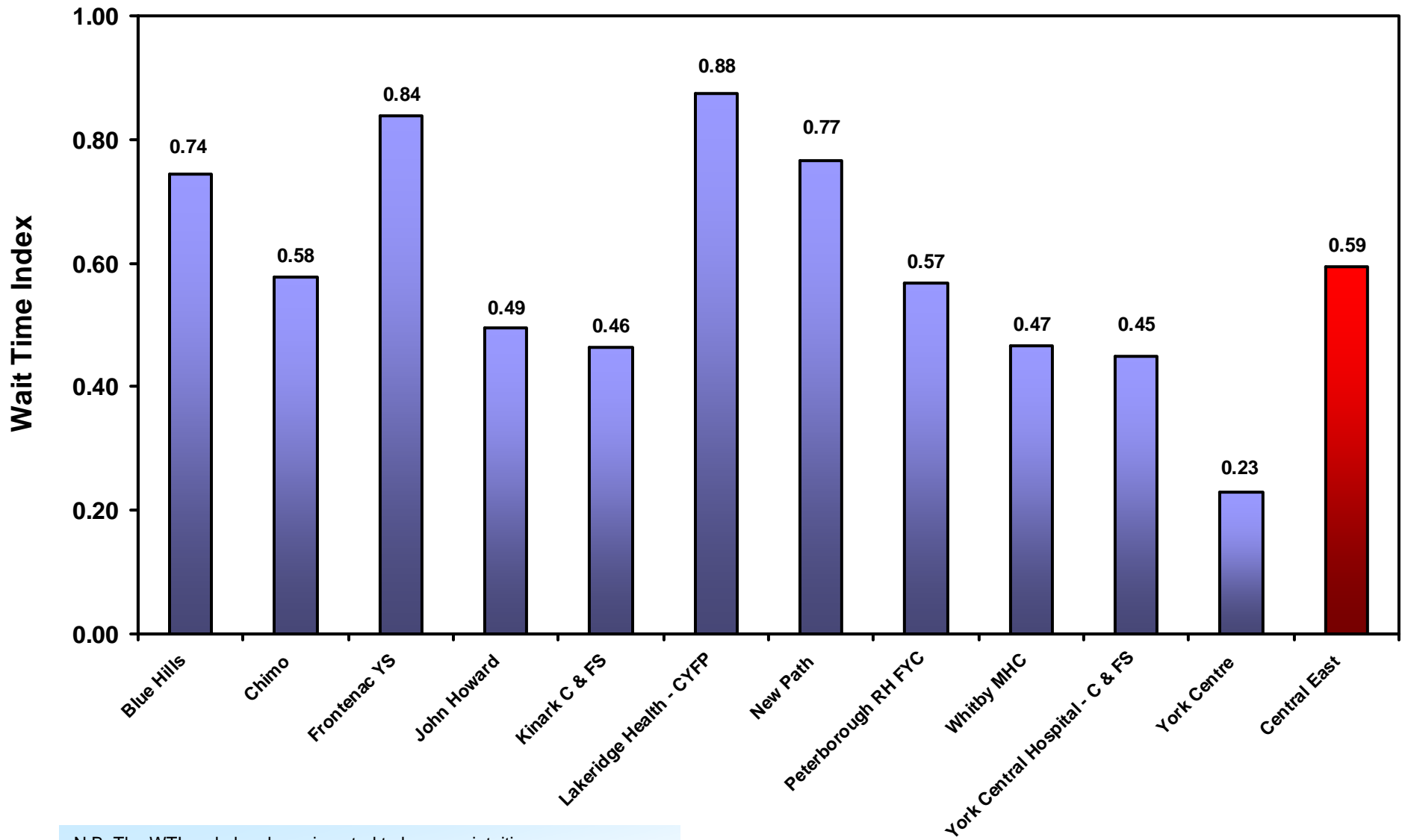
Example #	1	2	3	4	5	6	7	8	9	10
% Admitted During First Month After Referral	100	50	0	50	50	50	0	27	58	0
% Admitted During Second Month After Referral	0	50	100	25	0	25	0	13	25	17
% Admitted During Third Month After Referral	0	0	0	25	0	0	0	10	7	24
% Still Waiting After Three Months	0	0	0	0	50	25	100	50	10	59
<b>Wait Time Index</b>	<b>0.00</b>	<b>0.17</b>	<b>0.33</b>	<b>0.25</b>	<b>0.50</b>	<b>0.33</b>	<b>1.00</b>	<b>0.61</b>	<b>0.23</b>	<b>0.81</b>

### Wait Time Index - Ontario by MCYS Region: January 1, 2007 to December 31, 2007



N.B. The WTI scale has been inverted to be more intuitive  
The higher the bar, the longer the waiting time.  
A WTI of 0 = All clients admitted within first month after referral.  
A WTI of 1 = No clients admitted within 3 months

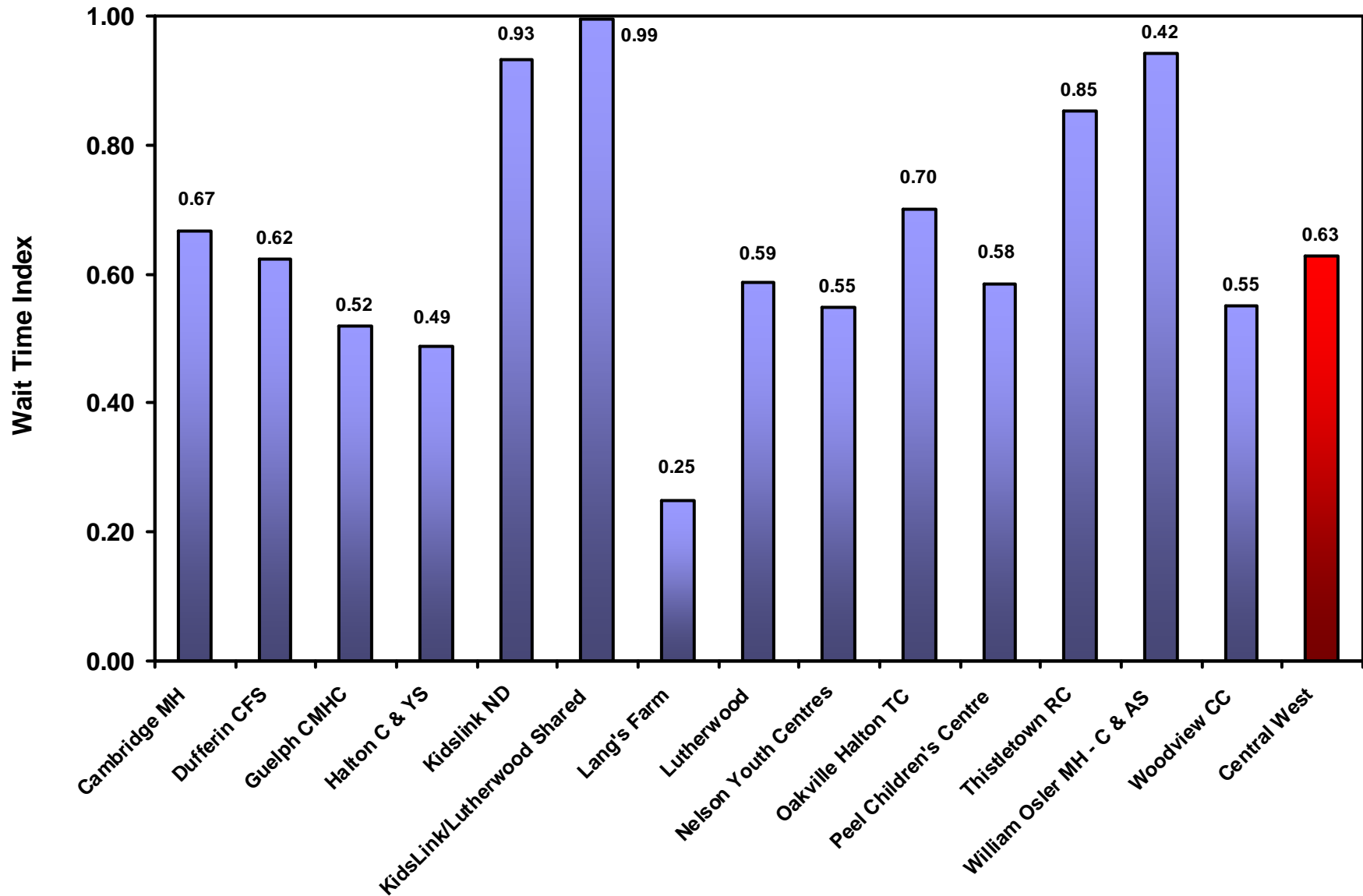
## Wait Time Index - MCYS Central East Region: January 1, 2007 to December 31, 2007



N.B. The WTI scale has been inverted to be more intuitive  
 The higher the bar, the longer the waiting time.  
 A WTI of 0 = All clients admitted within first month after referral.  
 A WTI of 1 = No clients admitted within 3 months

**Centre**

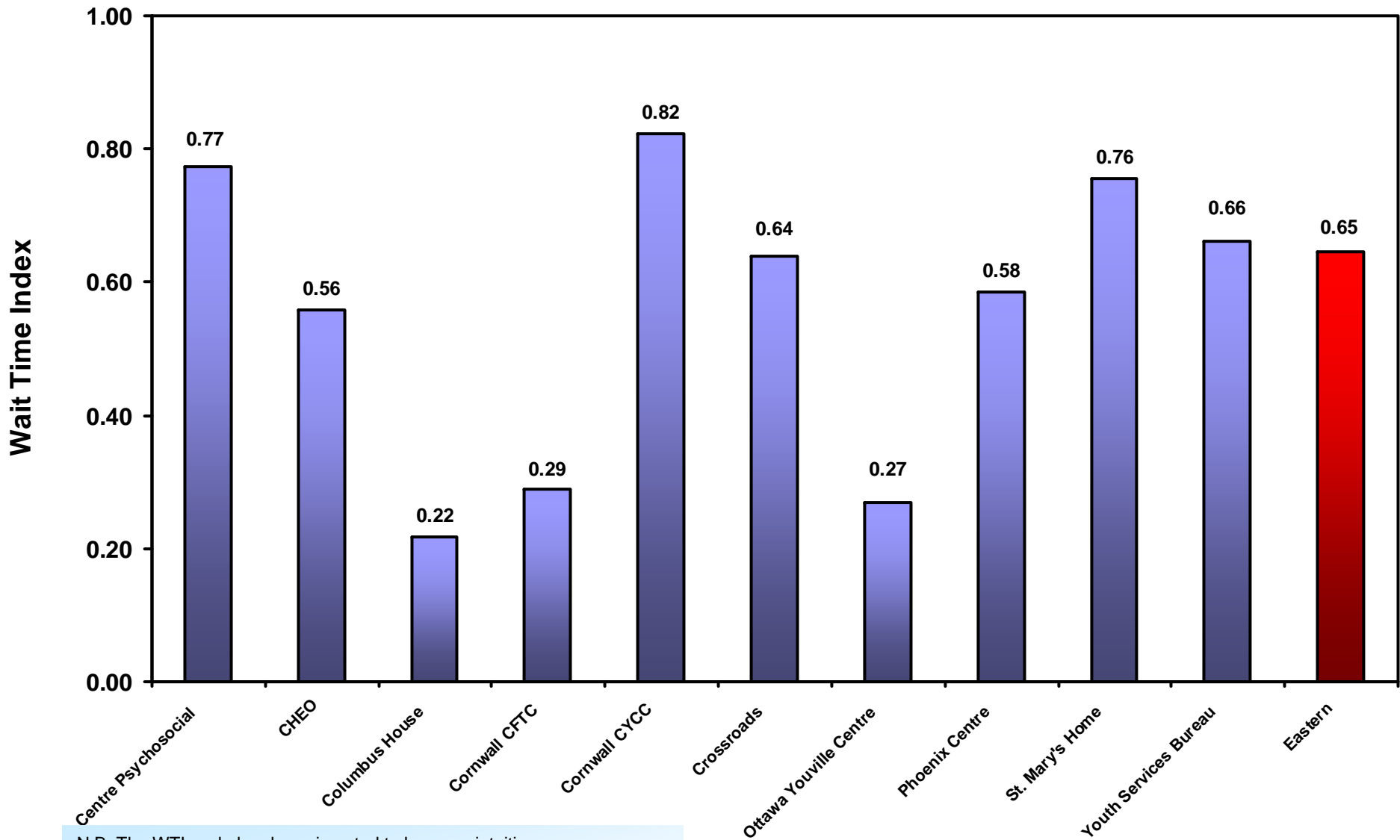
## Wait Time Index - MCYS Central West Region: January 1, 2007 to December 31, 2007



N.B. The WTI scale has been inverted to be more intuitive  
 The higher the bar, the longer the waiting time.  
 A WTI of 0 = All clients admitted within first month after referral.  
 A WTI of 1 = No clients admitted within 3 months

**Centre**

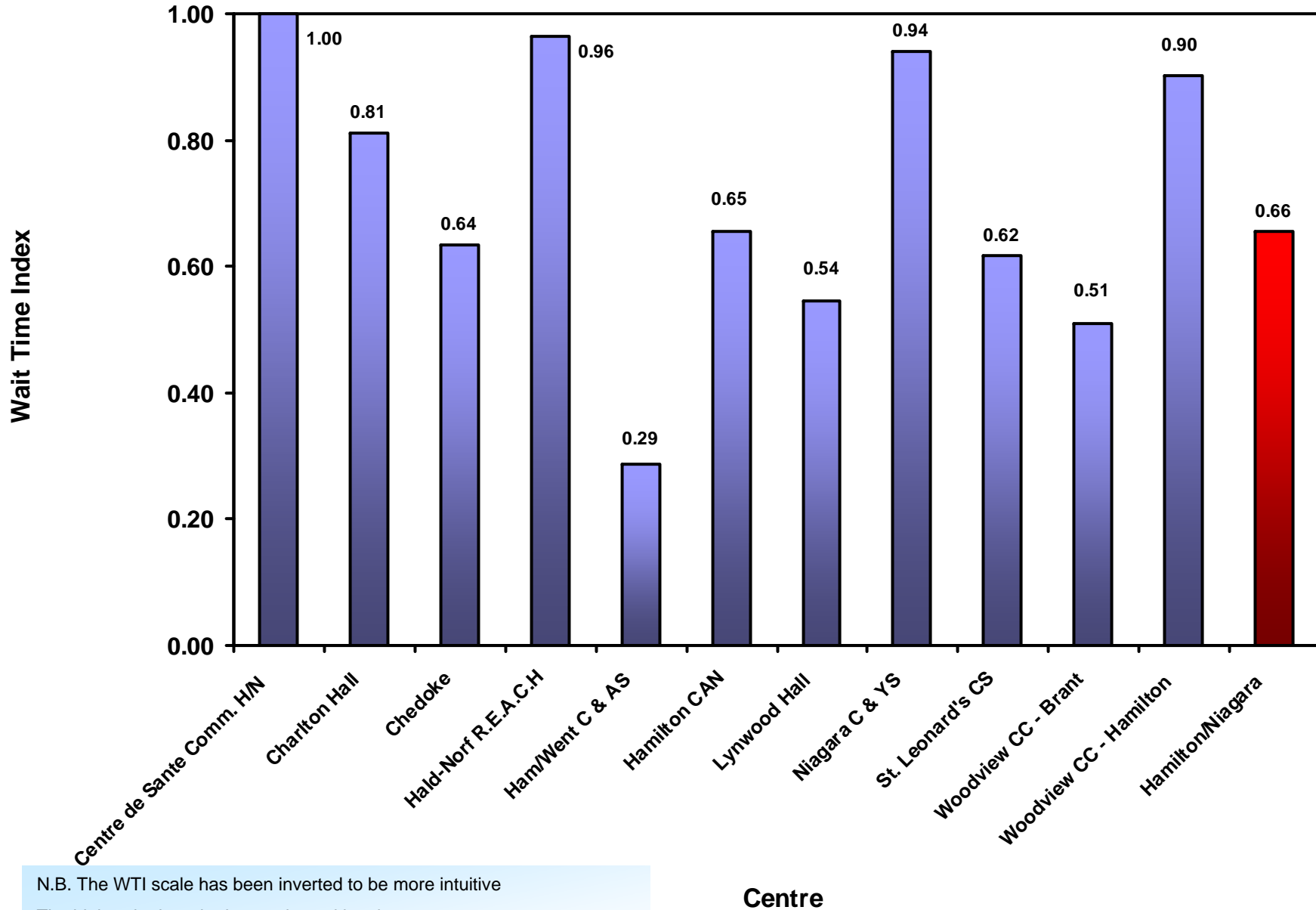
## Wait Time Index - MCYS Eastern Region: January 1, 2007 to December 31, 2007



N.B. The WTI scale has been inverted to be more intuitive  
 The higher the bar, the longer the waiting time.  
 A WTI of 0 = All clients admitted within first month after referral.  
 A WTI of 1 = No clients admitted within 3 months

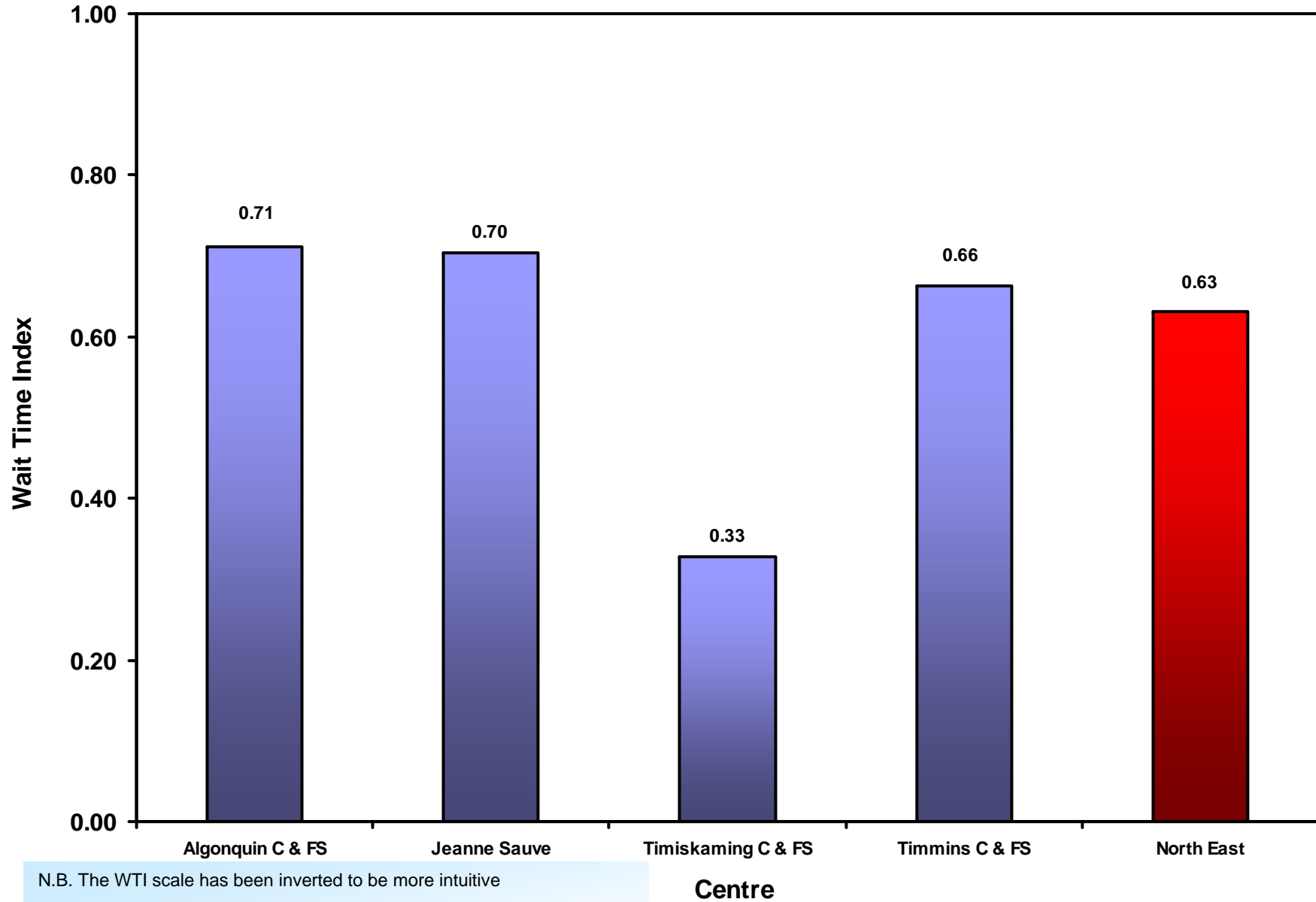
### Centre

Wait Time Index - MCYS Hamilton/Niagara Region: January 1, 2007 to December 31, 2007



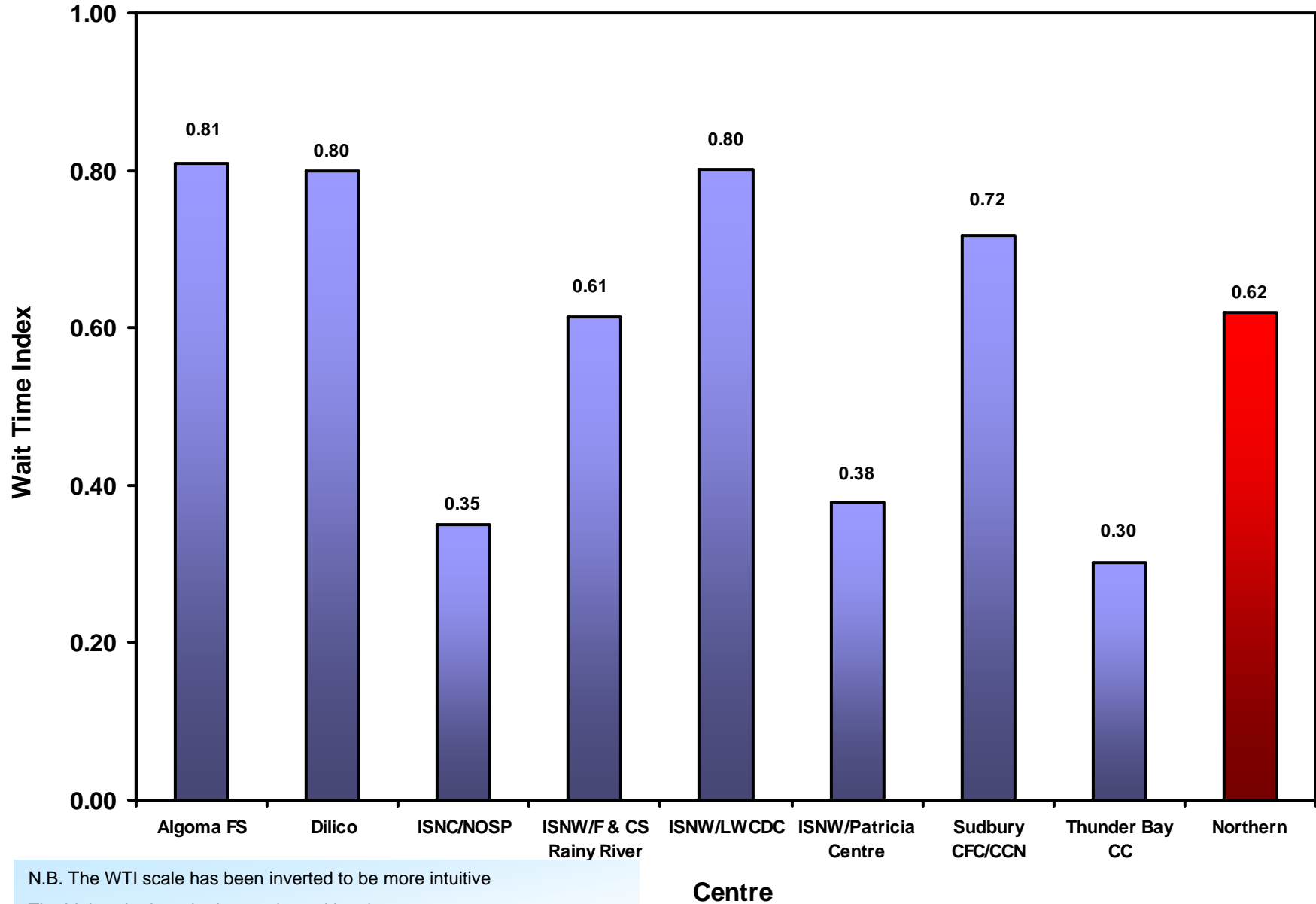
N.B. The WTI scale has been inverted to be more intuitive  
 The higher the bar, the longer the waiting time.  
 A WTI of 0 = All clients admitted within first month after referral.  
 A WTI of 1 = No clients admitted within 3 months

### Wait Time Index - MCYS North East Region: January 1, 2007 to December 31, 2007



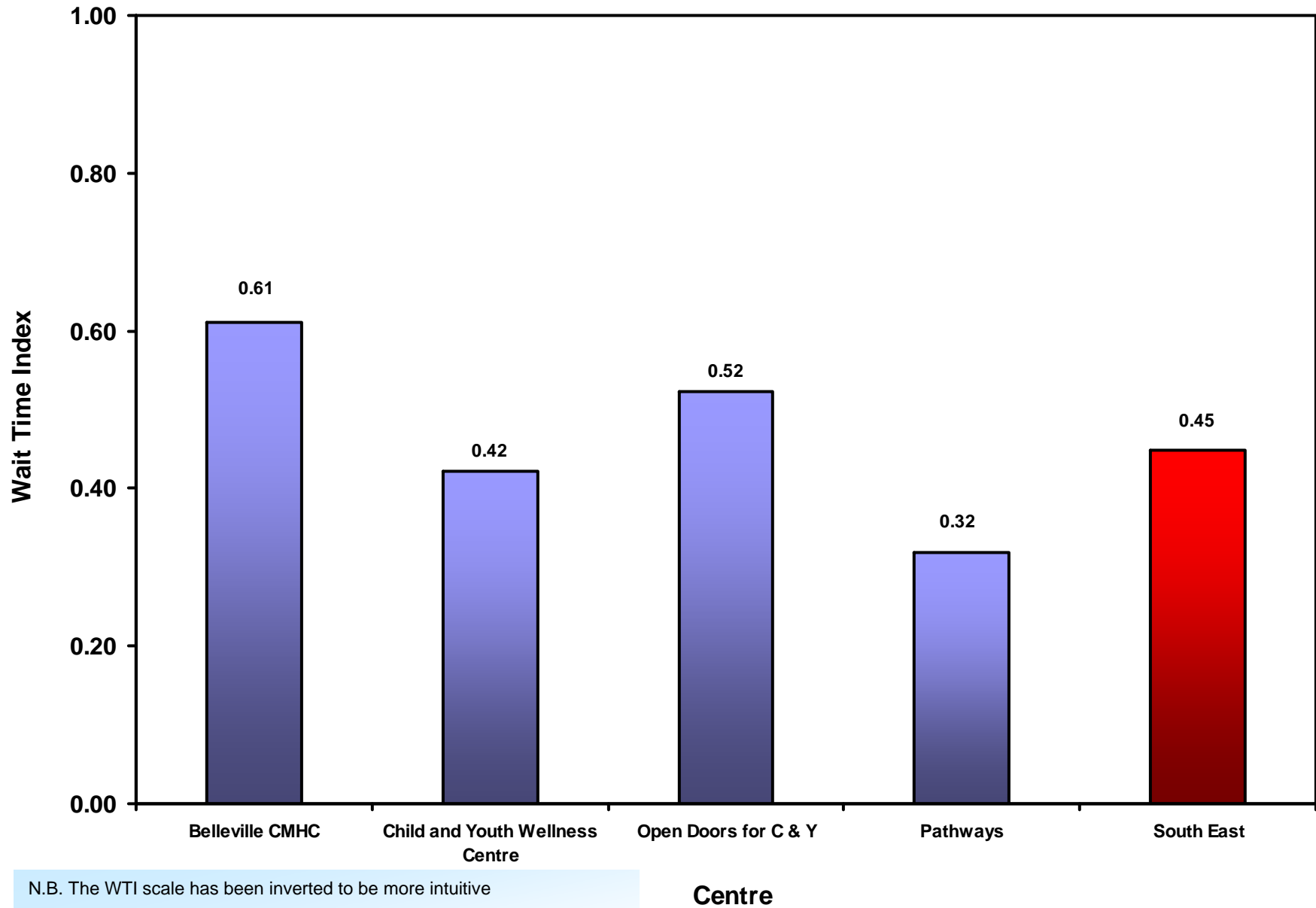
N.B. The WTI scale has been inverted to be more intuitive  
The higher the bar, the longer the waiting time.  
A WTI of 0 = All clients admitted within first month after referral.  
A WTI of 1 = No clients admitted within 3 months

## Wait Time Index - MCYS Northern Region: January 1, 2007 to December 31, 2007



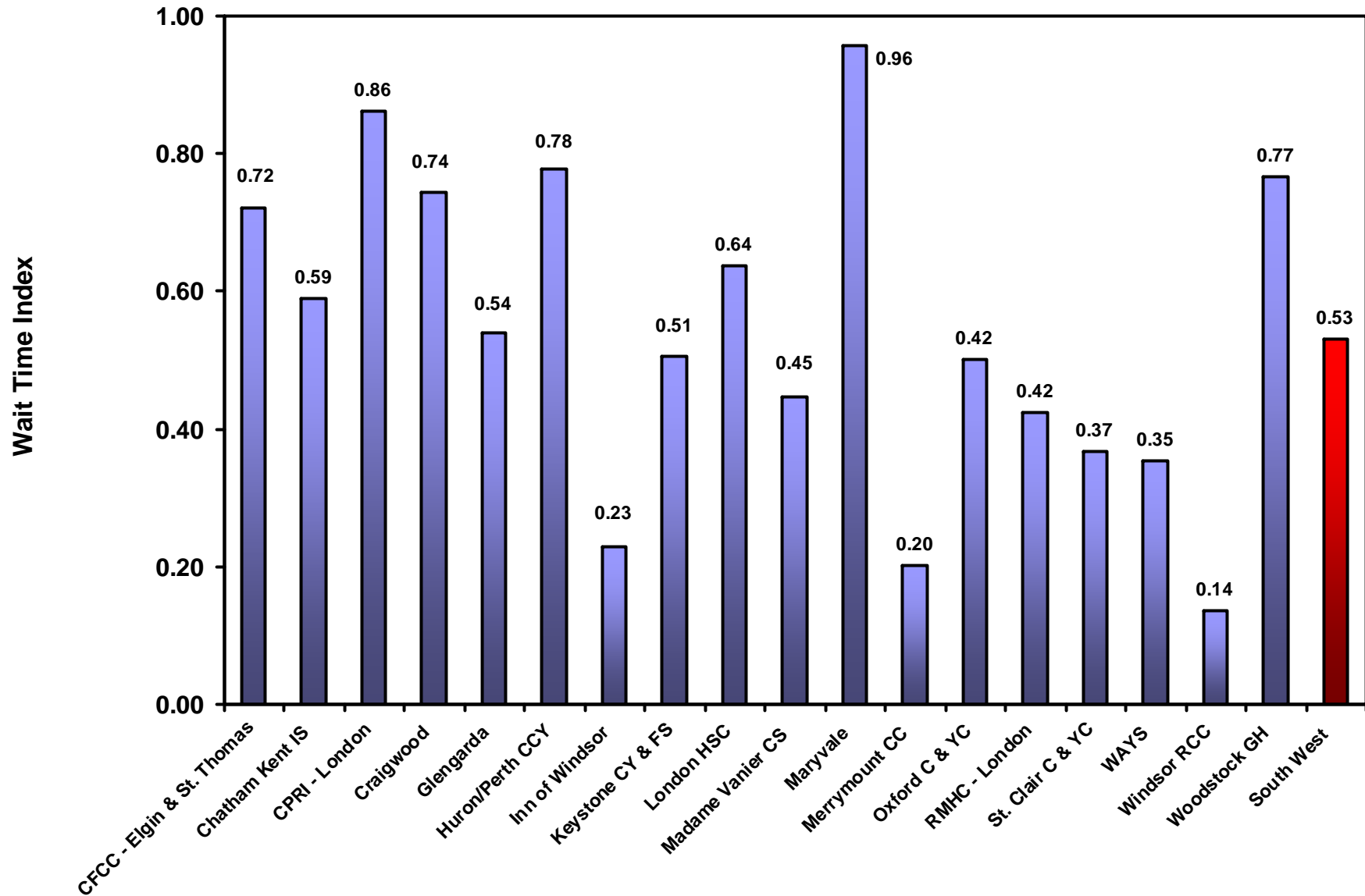
N.B. The WTI scale has been inverted to be more intuitive  
 The higher the bar, the longer the waiting time.  
 A WTI of 0 = All clients admitted within first month after referral.  
 A WTI of 1 = No clients admitted within 3 months

## Wait Time Index - MCYS South East Region: January 1, 2007 to December 31, 2007



N.B. The WTI scale has been inverted to be more intuitive  
The higher the bar, the longer the waiting time.  
A WTI of 0 = All clients admitted within first month after referral.  
A WTI of 1 = No clients admitted within 3 months

## Wait Time Index - MCYS South West Region: January 1, 2007 to December 31, 2007



N.B. The WTI scale has been inverted to be more intuitive

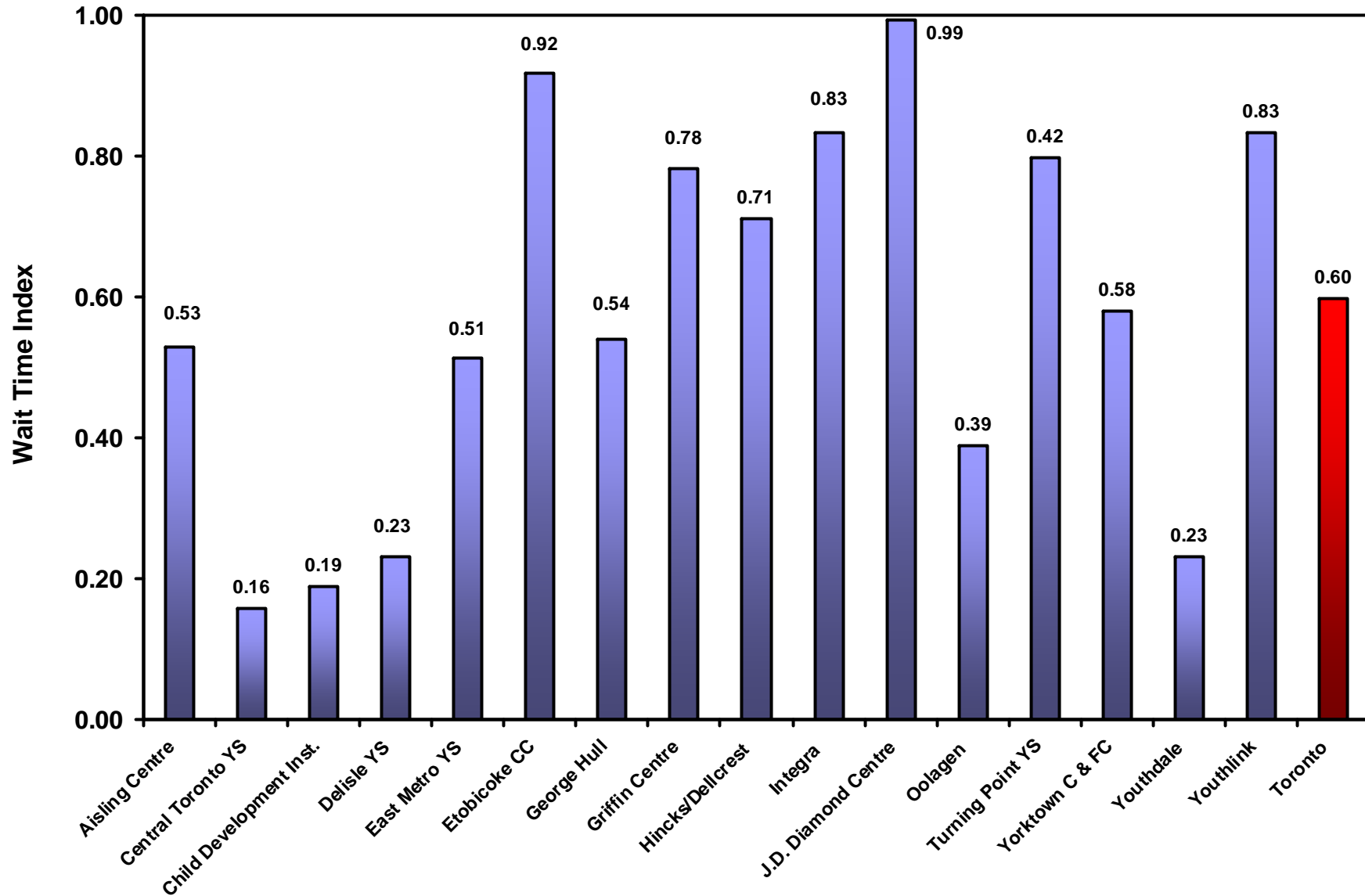
The higher the bar, the longer the waiting time.

A WTI of 0 = All clients admitted within first month after referral.

A WTI of 1 = No clients admitted within 3 months

Centre

## Wait Time Index - MCYS Toronto Region: January 1, 2007 to December 31, 2007



N.B. The WTI scale has been inverted to be more intuitive  
 The higher the bar, the longer the waiting time.  
 A WTI of 0 = All clients admitted within first month after referral.  
 A WTI of 1 = No clients admitted within 3 months

**Centre**