

HOP #s Project 2016 Report



The purpose of this project was to gain a clearer understanding of specific numbers and types of HOP interactions with child patients. MANY thanks to the HOP specialists who recorded interactions and to the hospitals for their support of this project. The term "interaction" refers to Camp-style experiences with HOP Specialist that are guided by a child's choice in terms of length of visit and type of activity or project provided.

During the first two weeks of February 2016, HOP specialists and regional managers collected information on the numbers of child patients with whom they interacted. The HOP team recorded 1,450 interactions. After HOP received permission from the hospitals and clinics to record this information and later de-identifying notes, volunteers entered data into an Excel sheet. Data were analyzed and are presented below.

Summary

1. The Boston region reported the most HOP interactions with children, representing 1/3 of HOP interactions.
2. The three hospitals with the most HOP interactions are Boston Children's Hospital (14%), Children's Hospital of Philadelphia (13%), and The Children's Hospital at Montefiore (8%).
3. The average age of child patients is 10.6 years old.
4. The average length of a HOP interaction is 44 minutes.
5. Crafts (76%) are the most common HOP activity.
6. Inpatient rooms (48%) are the most common location for HOP interactions.
7. Two-thirds of HOP interactions are with individuals, and one-third are in groups.
8. 54% of HOP interactions are one-time-only. 39% of HOP interactions take place with the same child two, three, or four times over two weeks. 7% of HOP interactions take place 5-8 times over two weeks.
9. 90% of HOP interactions are with children who are known to have *not* been to Camp in Ashford. 4% of HOP interactions are with children who are known to have attended Camp.
10. There are an estimated 30,000+ HOP interactions and 20,000+ individual child patients seen each year.

Data for each region and for the top ten hospitals are located on pages 9-16.

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Regions

Percentage of HOP interactions in each region:

Boston: 34%

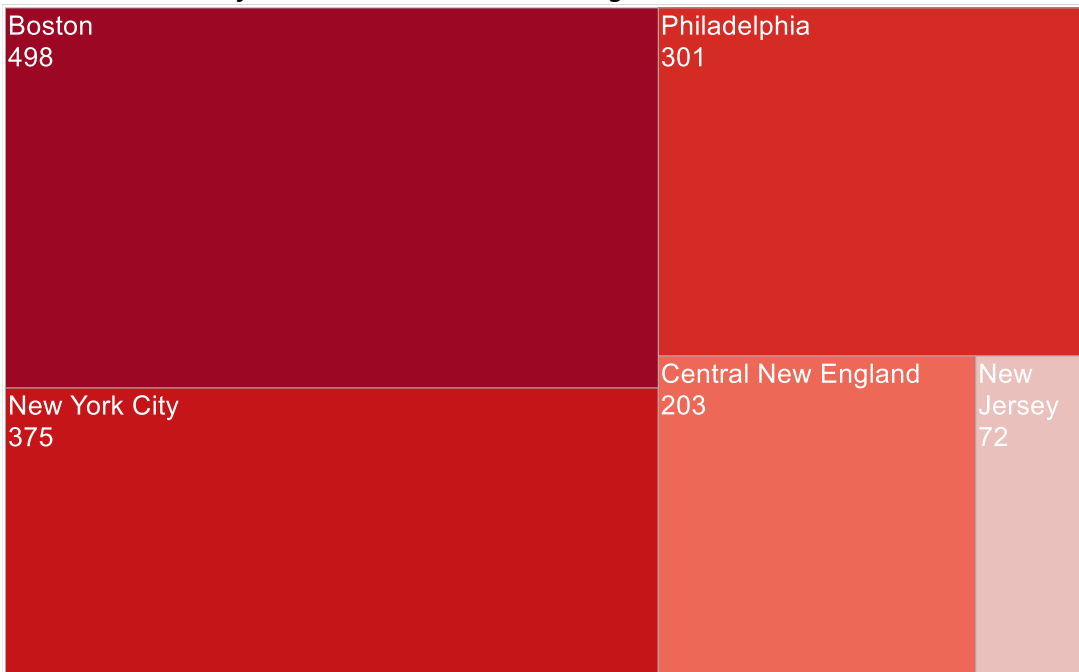
New York City: 26%

Philadelphia: 21%

Central New England: 14%

New Jersey: 5%

Table 1. Number of HOP interactions in each region.

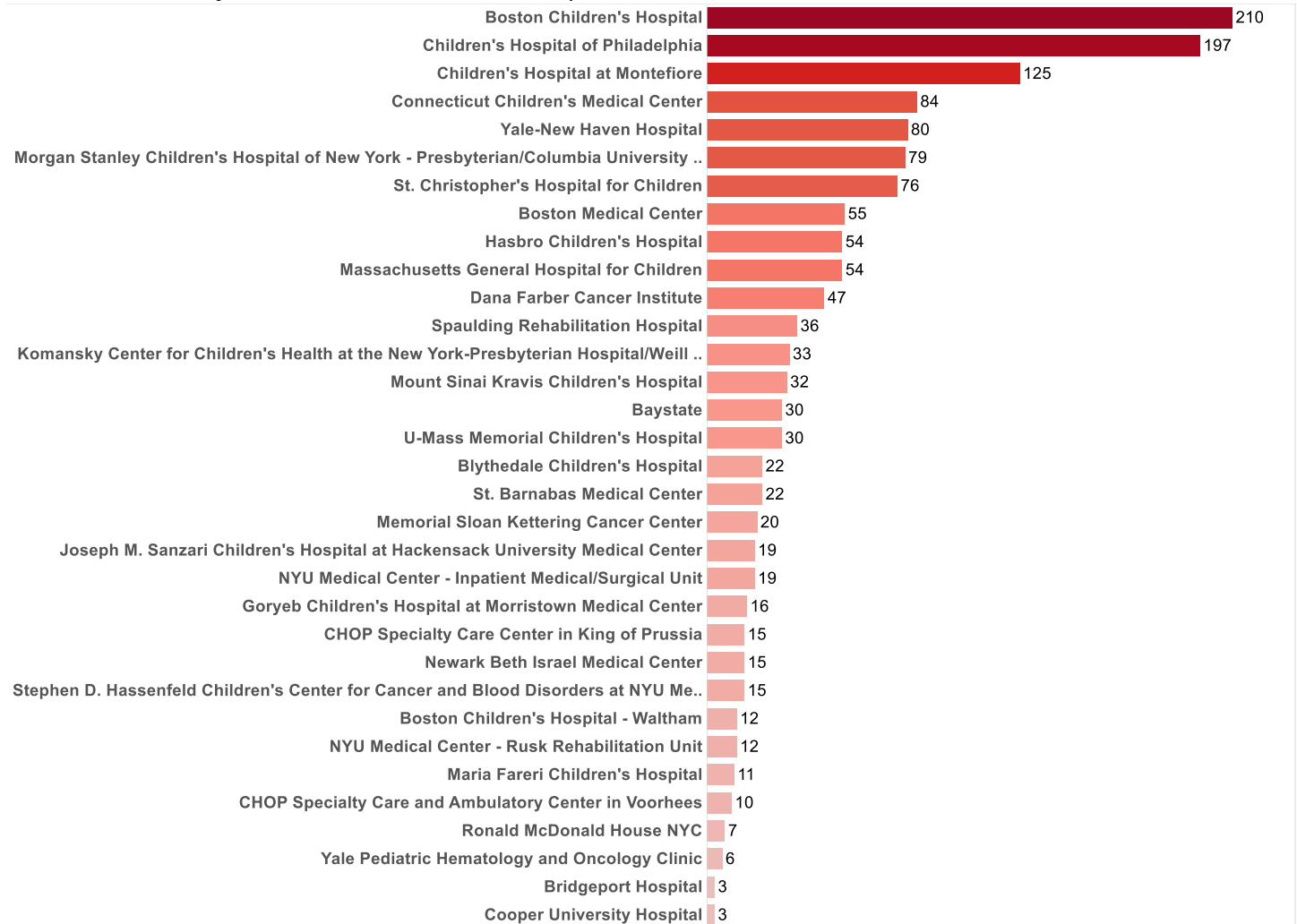


Hospitals

The top 3 hospitals:

1. Boston Children’s Hospital: 14%
2. Children’s Hospital of Philadelphia: 13%
3. The Children’s Hospital at Montefiore: 8%

Table 2. Number of HOP interactions at each hospital.



Hospitals and clinics not represented in this report include: Robert Wood Johnson, Bridgeport, Ronald McDonald House, Cohen Eating Disorder Clinic, and Maimonides.

Age

Age range: **1-25** (5 people older than 25 were removed from analyses)

Age average: **10.6** years (standard deviation: 5 years)

Age median: 10 years

Age mode: 7 years

Length of Time of Interactions

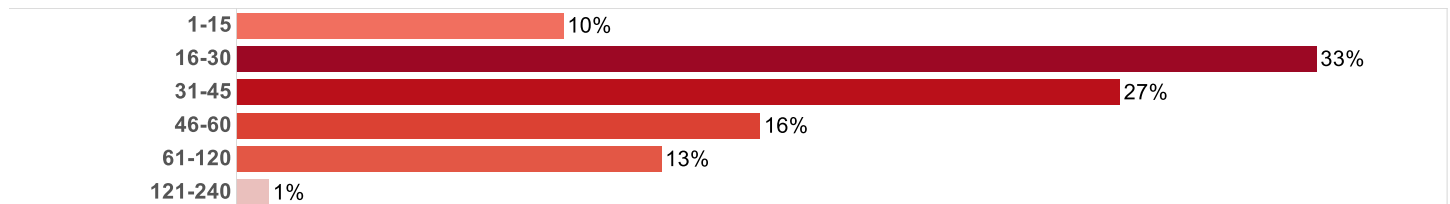
Length of time of interactions: **5-240** minutes

Length average: **44** minutes (standard deviation: 27 minutes)

Length median: **40** minutes

Length mode: **30** minutes

Length of time (in minutes):



Programming Types

Percentage of HOP interactions using each programming type:

Crafts: 76%

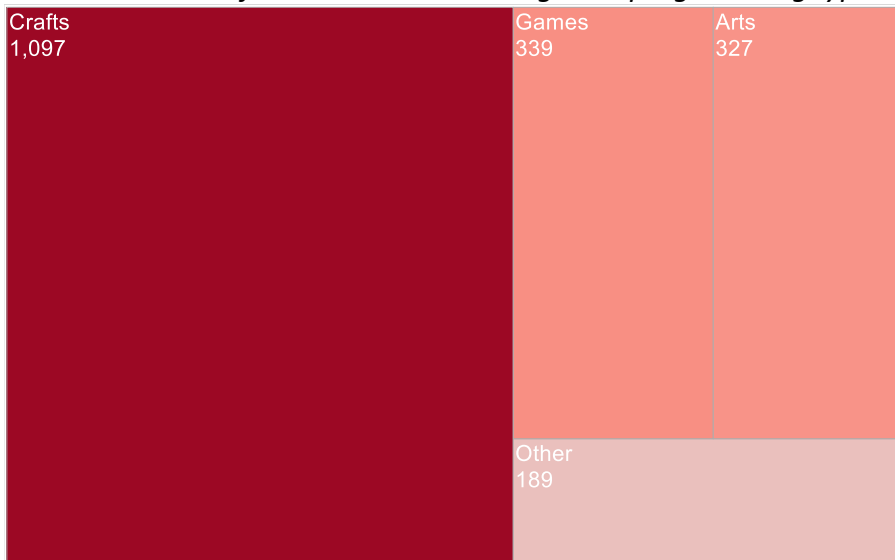
Arts: 23%

Games: 23%

Other: 13

(About 12% of HOP interactions included more than one type of programming)

Table 3. Number of HOP interactions using each programming type.



Programming Locations

Percentages of HOP interactions in each location:

Inpatient room: 48%

Inpatient playroom: 23%

Outpatient clinic waiting area: 19%

Outpatient clinic treatment area: 7%

Outpatient clinic individual room: 4%

Table 4. Number of HOP interactions in each location.

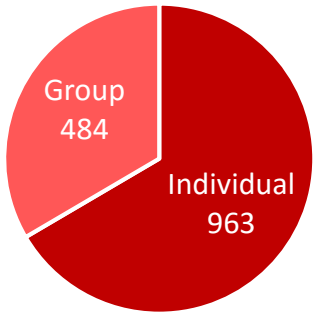
Inpatient room		697
Inpatient playroom		324
Outpatient clinic waiting area		278
Outpatient clinic treatment area		89
Outpatient clinic individual room		61

Individual or Group Interactions

Individual: 67%

Group: 33%

Table 5: Number of each type of interaction.



Number of Times Seen by HOP

Percentage of times individual child patients were seen by HOP:

Once: 54%

Twice: 25%

Three times: 9%

Four times: 5%

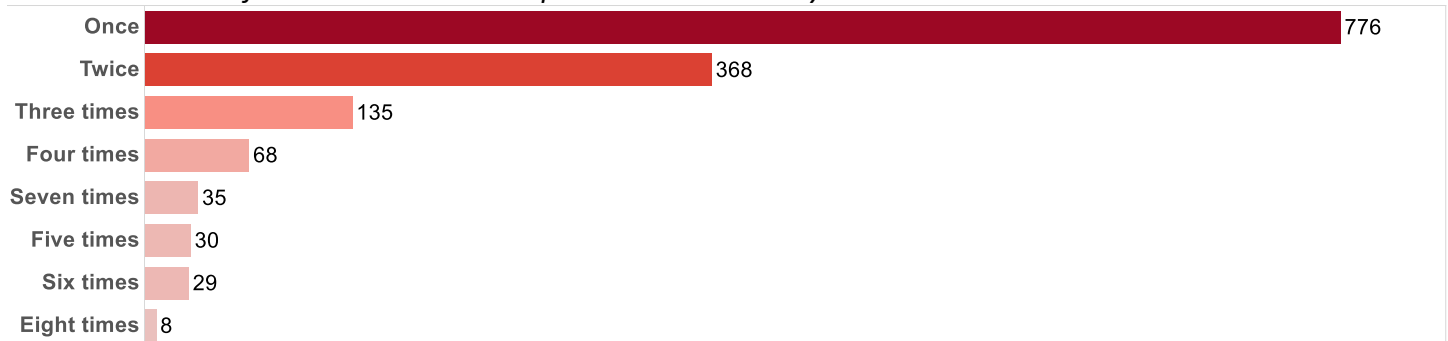
Five times: 2%

Six times: 2%

Seven times: 2%

Eight times: 1%

Table 6. Number of times individual child patients were seen by HOP.



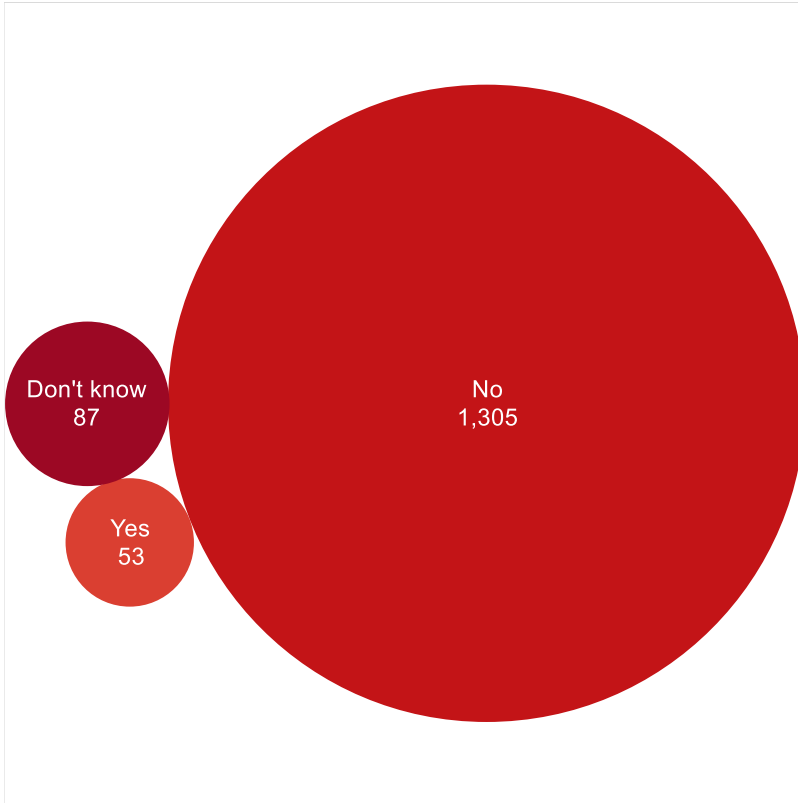
Known to Have Been to Camp in Ashford

Percentages of child patients known to have been to Camp in Ashford:

No, have not been to Camp: 90%

Don't know: 6%

Yes, have been to Camp: 4%



Major Differences from November 2014 HOP #s Project

1. In 2014, 81% of children seen by HOP were known to have *not* attended Camp in Ashford, but in 2016, it was 90%. Relatedly, in 2014, 8% of children were reported to have attended Camp, but in 2016, this number was only 4%. These changes are likely due to more emphasis and accuracy in 2016 for reporting this.
2. In 2014, 64% of children received only one HOP interaction, but this number was 54% in 2016. The reason for this discrepancy is likely due to an improved reporting mechanism of single and repeat interactions. In 2016, HOP specialists linked individual patients to interactions, and in 2014, the Director of Research and Evaluation did so. HOP specialists are more reliable in reporting single or repeat individual patient interactions.

Appendix

Given 26 HOP Specialists and Regional Managers working in 33 hospitals 168 days each per year, there are 31,450 interactions and 22,738 individual child patients seen each year. How did we get these numbers?

26 HOP specialists and regional managers recorded data at 33 hospitals and clinics

8 days in February 2016

208 HOP Days – 6 days HOP specialists absent = 202 HOP days

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52 weeks = 260 work days

- 5 days at camp
- 27 vacation
- 8 holidays
- 52 Mondays

= 168 days in hospitals (14 days/month)

168 X 26 HOP specialists and RMs = 4,368 HOP days per year.

Is 208 HOP days representative of the entire year? No, because the average of 14 days per month (including time off and office days) is less than the projected 16 days per month during the study period in February 2016 (8 days over 2 weeks x 2 = 16 days/month).

14 days is 87.5% of 16 days

87.5% of 208 HOP days is 182 HOP days for 2 weeks

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1,450 interactions in 2 weeks in February

87.5% of 1,450 is 1,269 interactions for 2 weeks

7.2 interactions per day per HOP specialist/RM

7.2 x 4,368 = **31,450 interactions per year**

...

1,039 individuals over 2 weeks

Once = 776

2 = 184

3 = 45

4 = 17

5 = 6

6 = 5

7 = 5

8 = 1

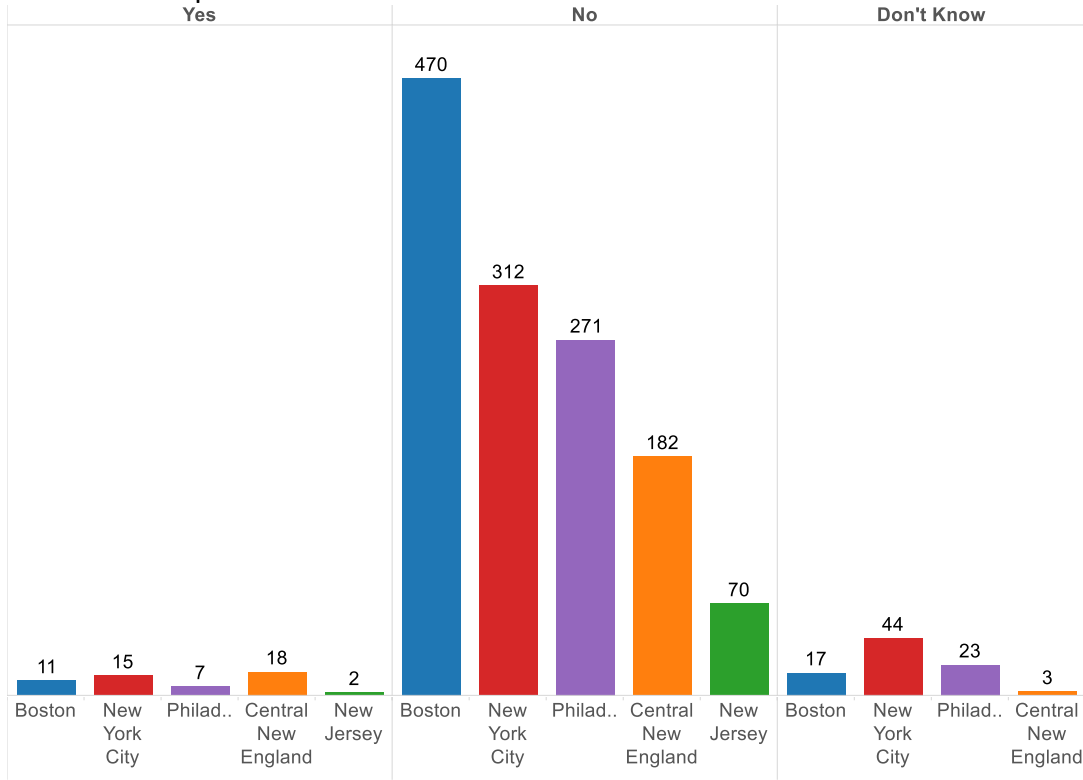
1,039 x 87.5% = 909 individuals for 2 weeks

909 individuals is 71.6% of 1,269 interactions

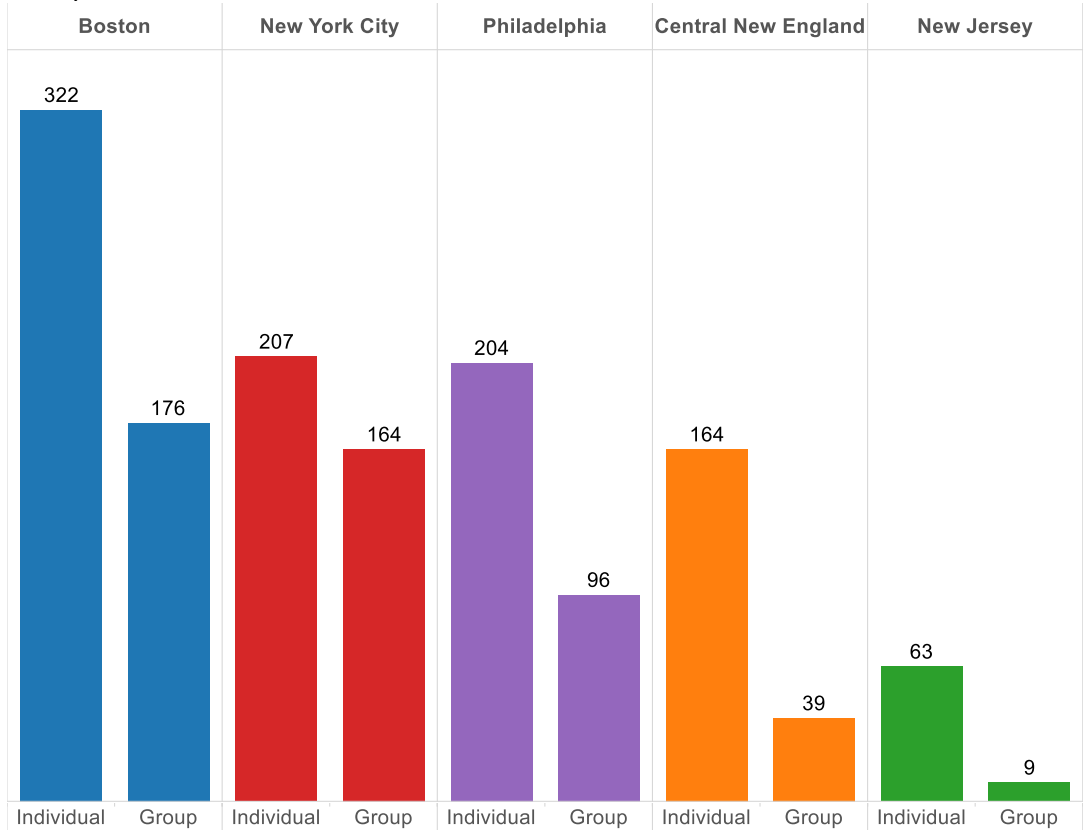
71.6% of 31,450 interactions = **22,518 individuals per year**

Appendix: Regional Data

Attended Camp in Ashford?



Group or Individual Interactions?



Location of Interactions

Key:

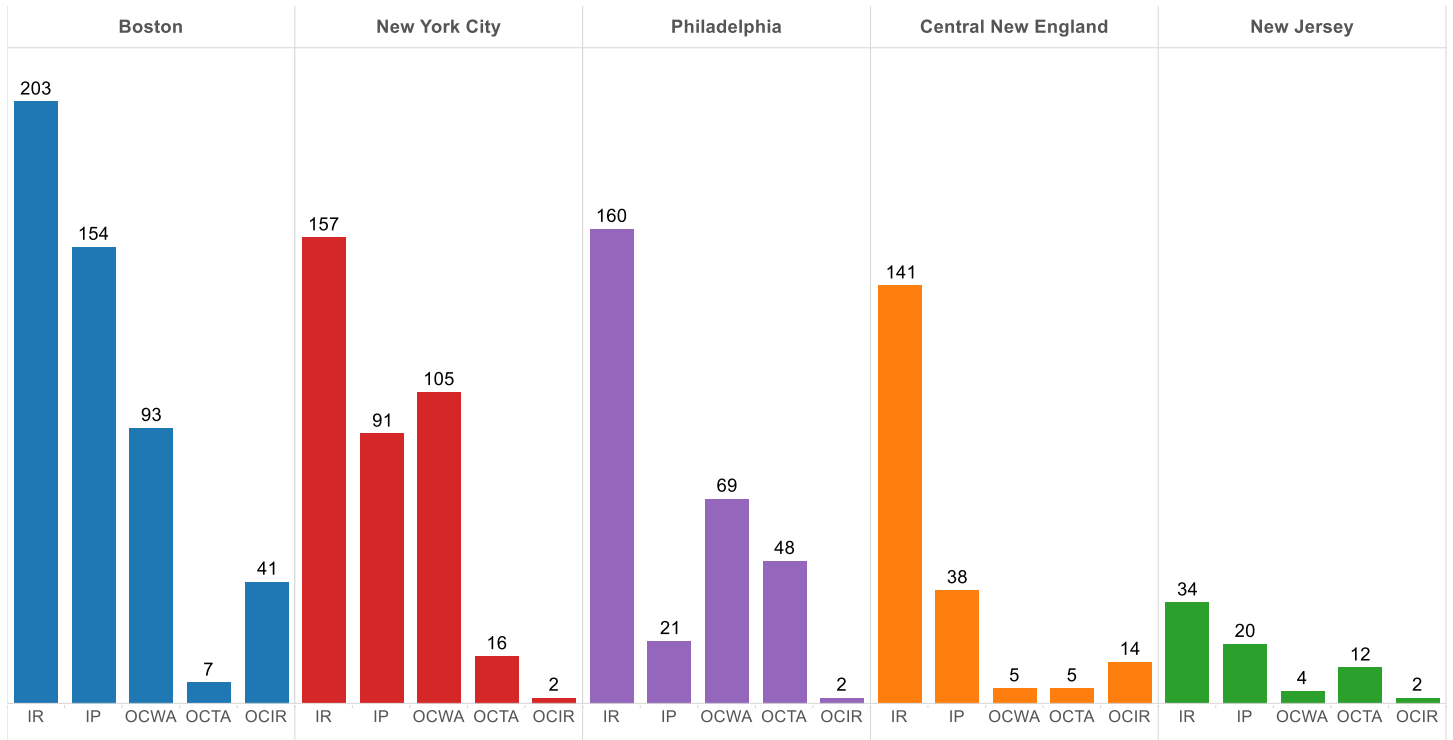
IR = Inpatient Room

IP = Inpatient Playroom

OCWA = Outpatient Clinic Waiting Area

OCTA = Outpatient Clinic Treatment Area

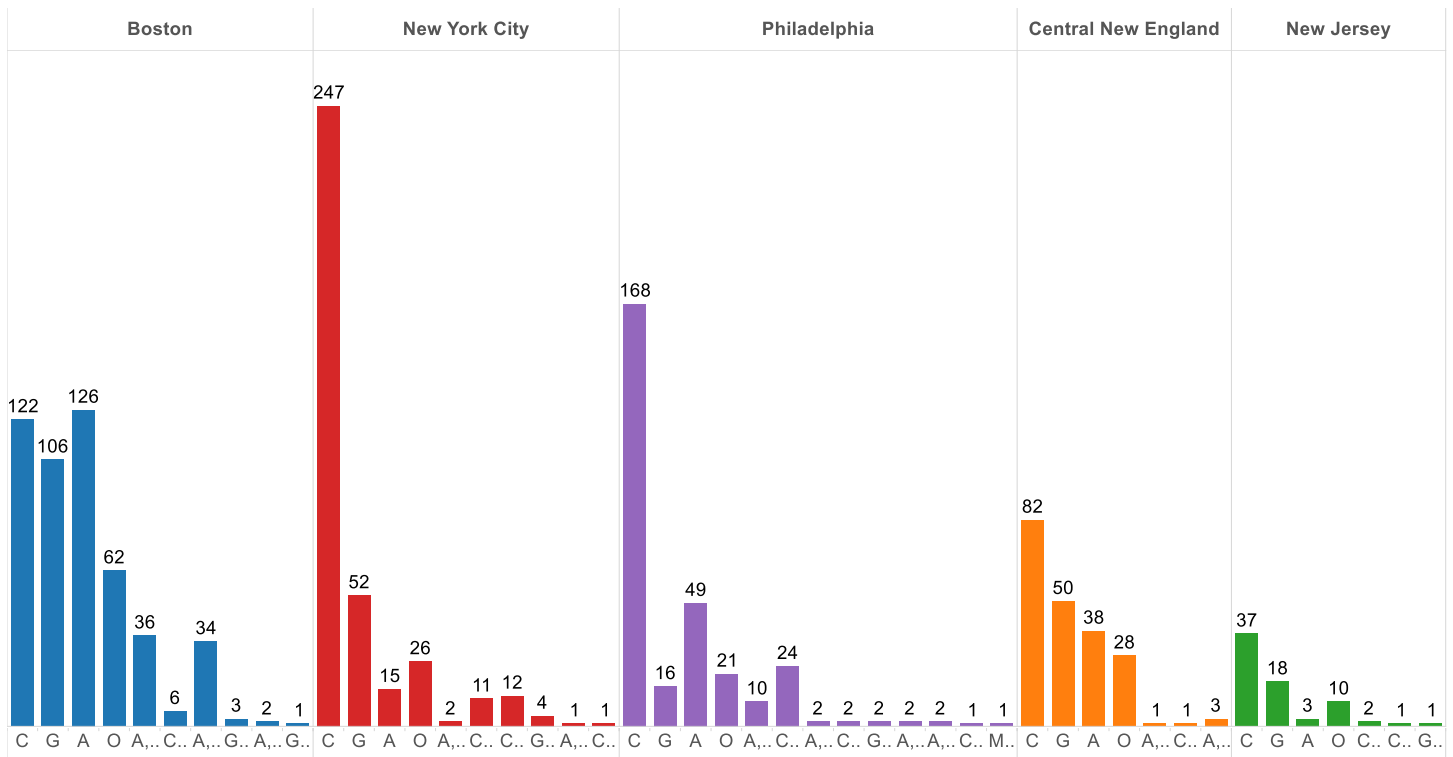
OCIR = Outpatient Clinic Individual Room



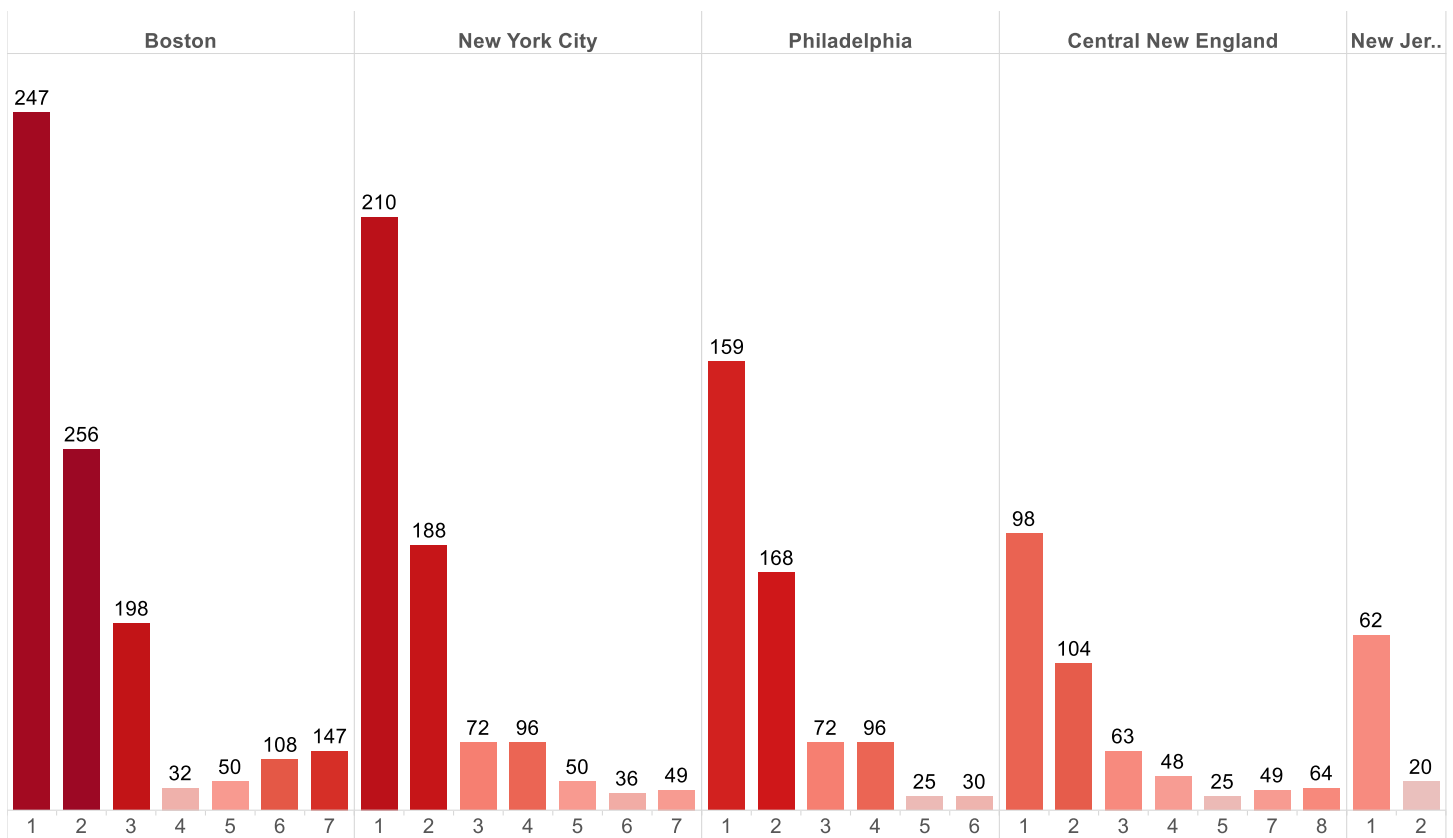
Programming Types

Key: C = Crafts G = Games A = Art O = Other

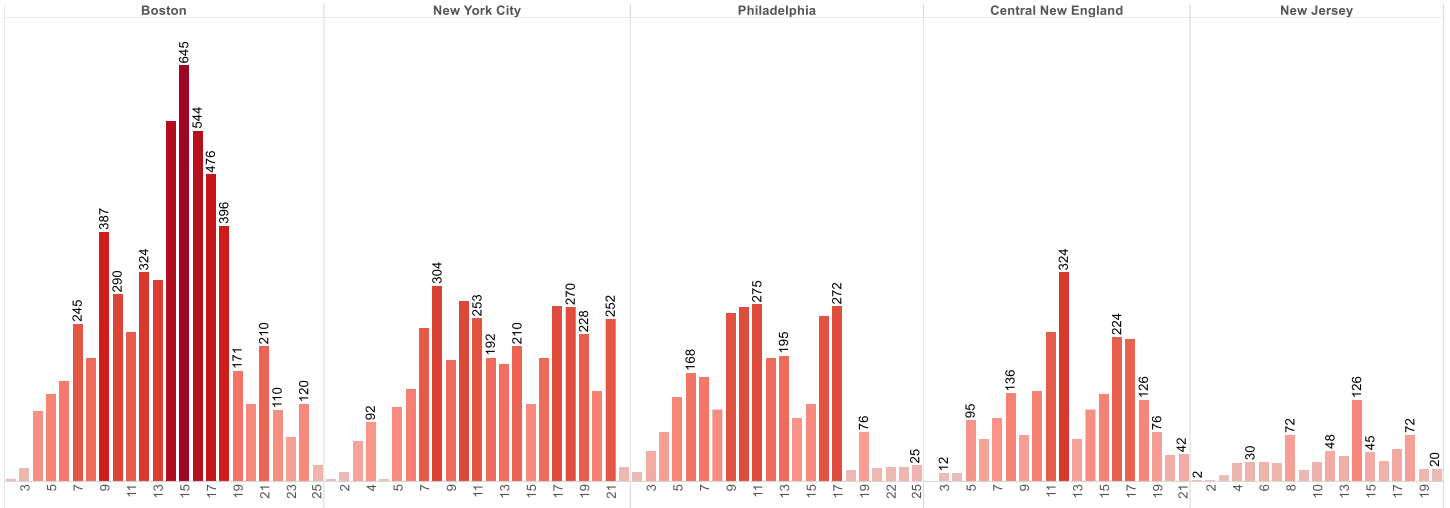
Remaining categories are combinations of the above



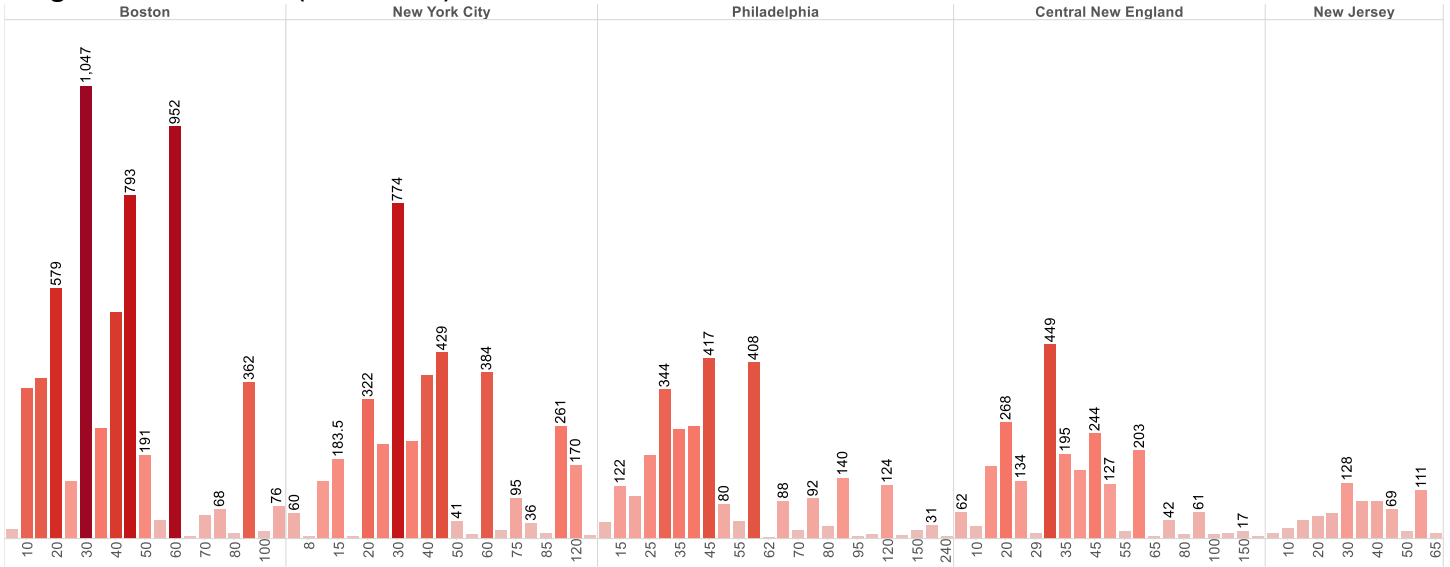
Number of Times Individual Children Were Seen Over 2 Weeks



Ages

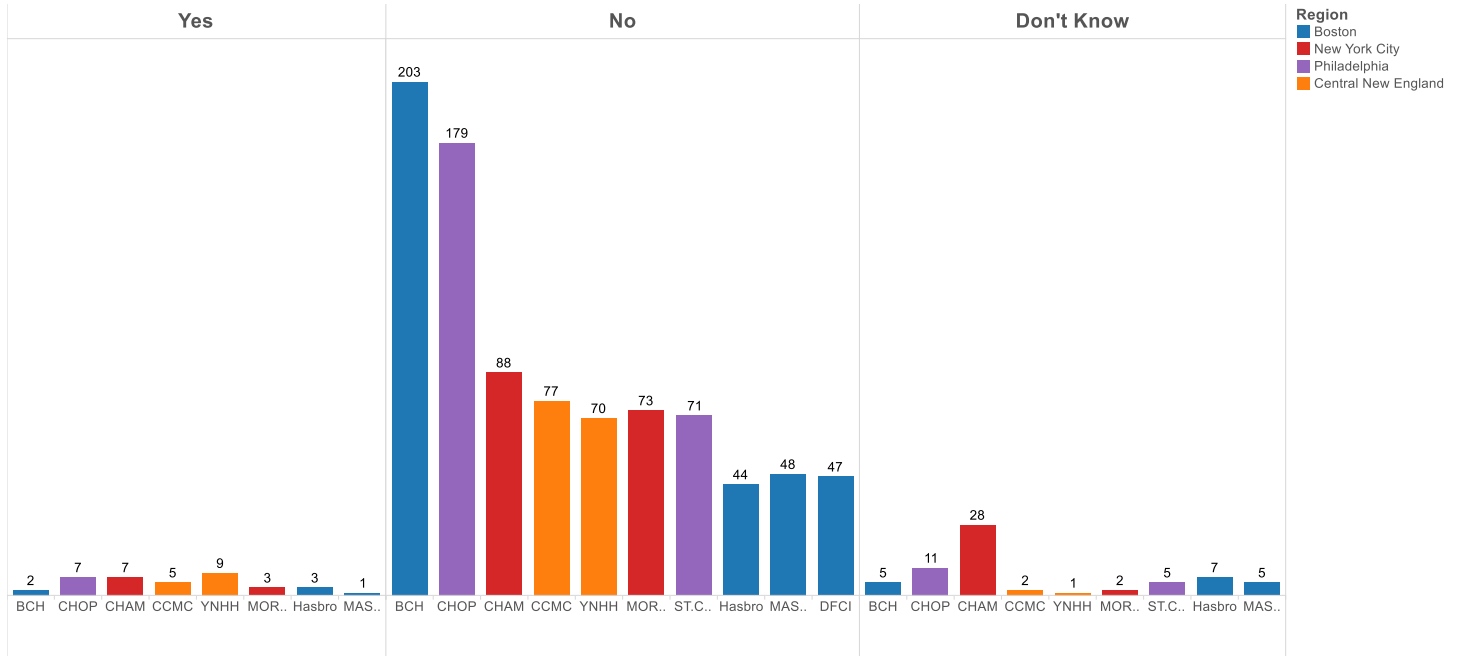


Length of interactions (in minutes)

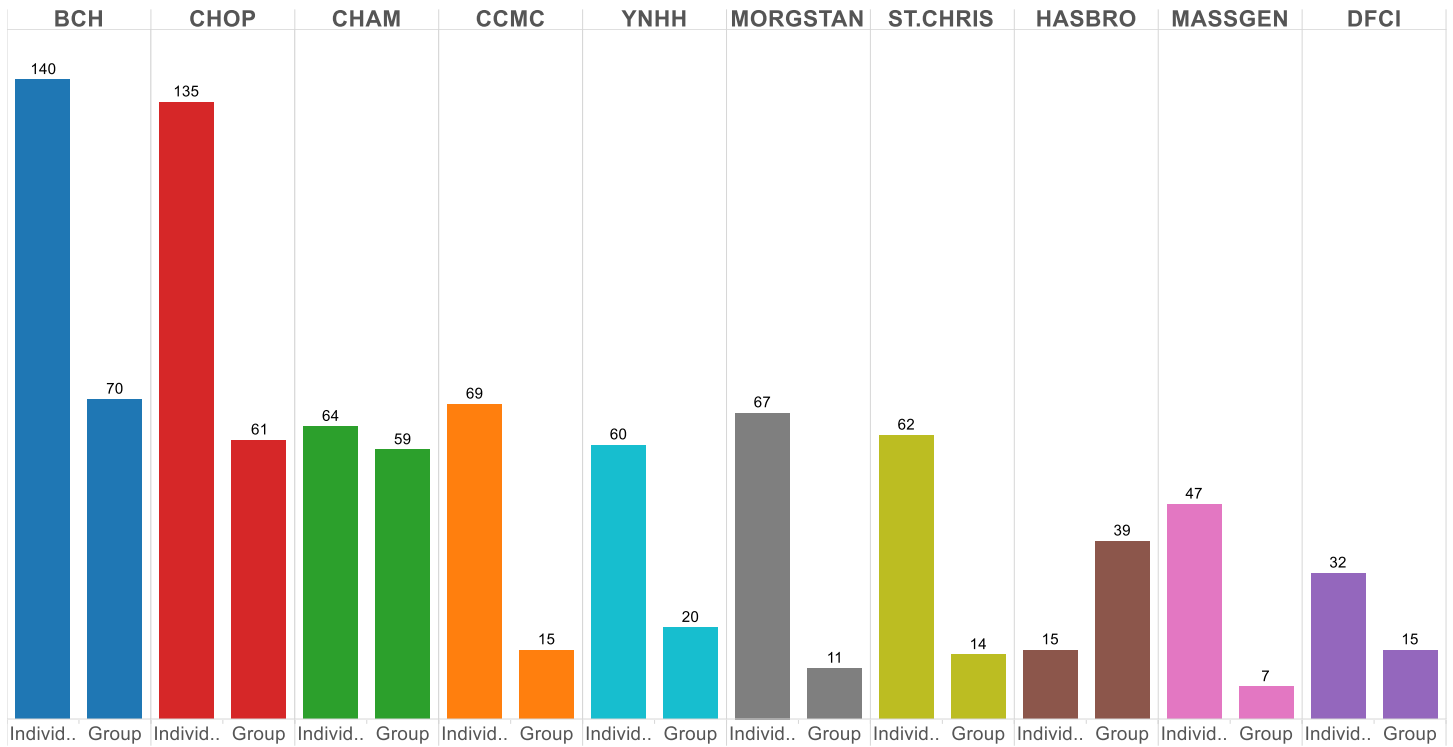


Appendix: Top Ten Hospitals' Data

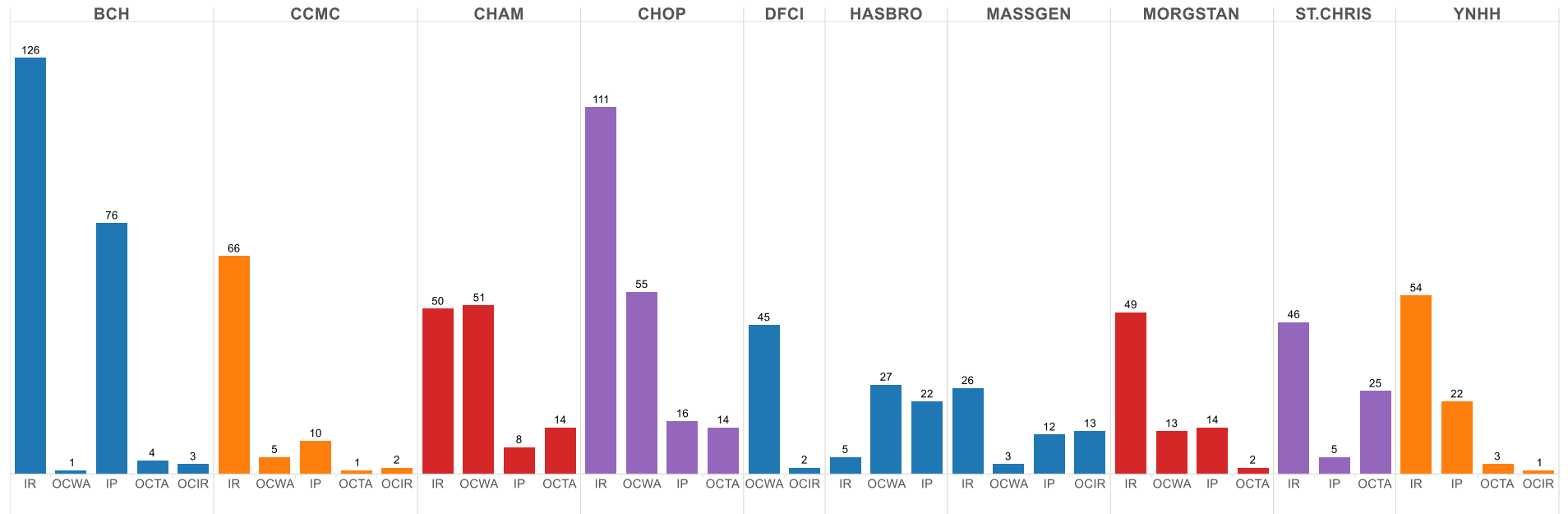
Top 10 Hospitals and Number of Interactions with Child Patients Who Have or Haven't Been to Camp.



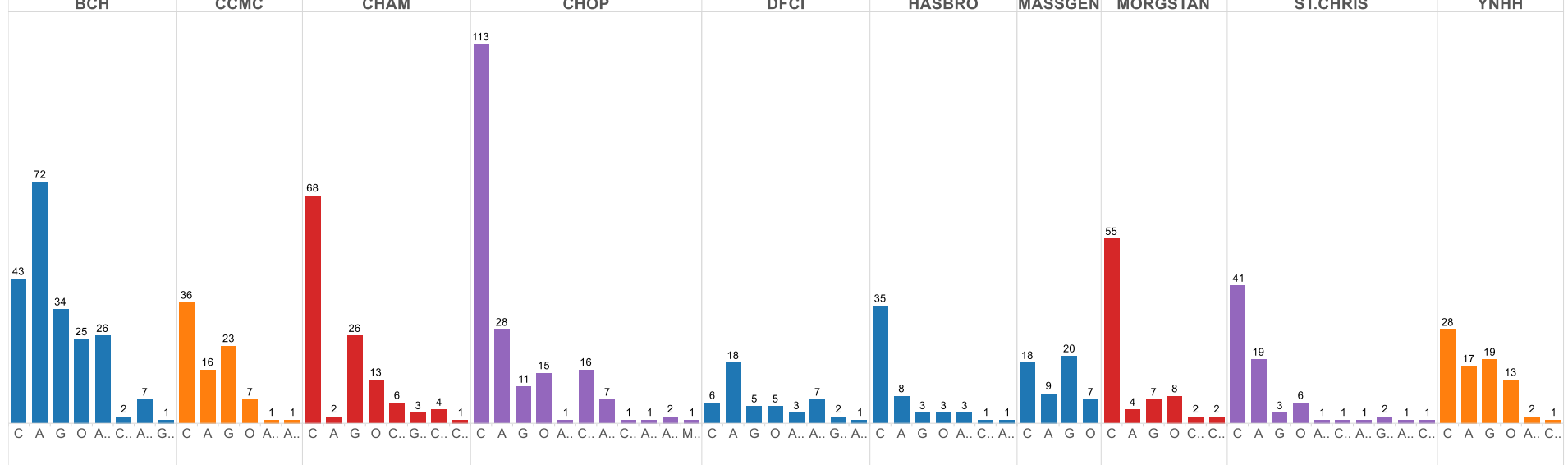
Top Ten Hospitals and Group/Individual Interactions



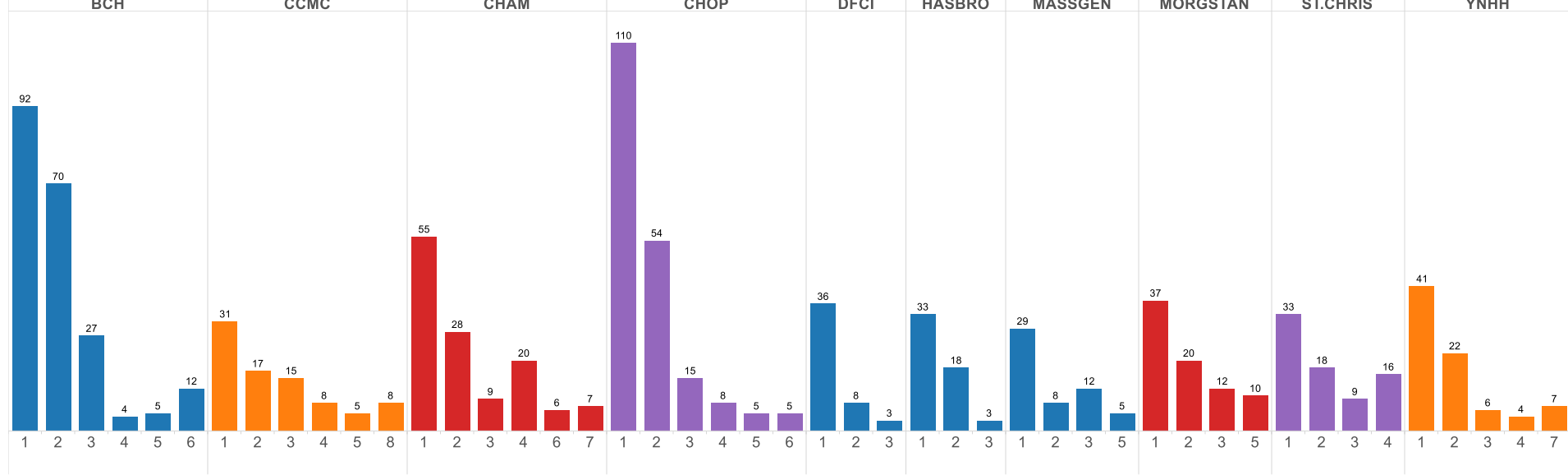
Top Ten Hospitals and Locations of Interactions



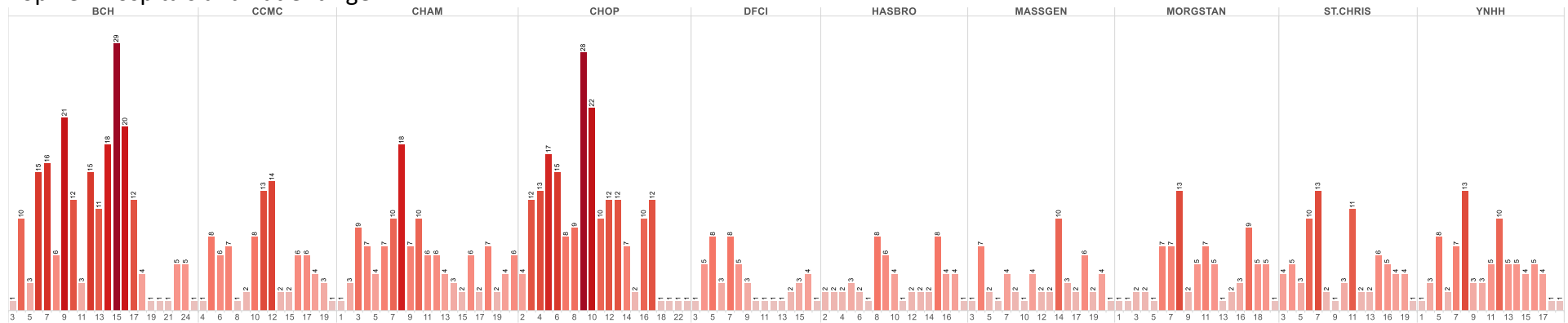
Top Ten Hospitals and Types of Programming



Top Ten Hospitals and Number of Interactions



Top Ten Hospitals and Patient Age



Top Ten Hospitals and Number of Minutes of Interactions

