

Pediatric Hospitalists in Community Hospitals



**WHO ARE WE, WHERE ARE WE
AND WHAT DO WE DO?**

Background



- Many hospitalists are working in a community setting
 - Number and scope of practice not previously quantified
- Community hospitalists underrepresented in SOHM
- Distribution of pediatric beds and availability of services outside of tertiary care center not well known

Why this is important



- Community hospitalist can be a very different job than a hospitalist at a tertiary care center
- Better understanding of community hospitalists will help shape fellowship curriculum
- Likely more out there than we think
- Will demonstrate number of scope of community hospitalists to help advocate for community hospitalists in pediatric hospitalist medicine
- Many not connected with AAP/SOHM; opportunities for outreach

Methods



- Concept/goals of census projects developed at PHM pre-conference in 2014
- Developed survey questions with input from several leaders in community PHM
- Sent REDCap survey to listservs
- Recruited volunteers via listservs; recruited student/resident help
- Volunteers collected survey data in their area
- Hired paid research assistant to help finish the work with support of the AAP SOHM
- Initially focused only on community hospitalists only; project eventually expanded to include tertiary centers as well

Survey Questions



- Is the hospital considered a pediatric tertiary care referral center and/or a children's hospital?
- Distance (in miles) to nearest referral center
- How many FTE Pediatric Hospitalist does your group have dedicated to covering the hospital?
- Is this hospitalist group or hospital affiliated with a children's hospital or university?
- Which of the following duties do the pediatric hospitalists have:
 - Newborn Nursery, Delivery Attendance/Resuscitations, Inpatient Care, Level I/II/III NICU, PICU, Intermediate Level Care, Primary ED Coverage, ED consultations, Subspecialty/Surgical Co-management, Sedation Services, Transport, Other
- What is the average daily census on the pediatric hospitalist service?
- Do you have access to pediatric sub-specialists?
 - In-house or by phone
- Do you have access to pediatric surgeons?
 - In-house or by phone
- What do you consider are the primary issues facing pediatric community hospitalists?

Collection Methods



- Provided volunteers with list of hospitals (from the American Hospital Directory)
- Personal contacts
- Calling hospitals directly to determine if there are pediatric hospitalists
 - Charge nurse or secretary in ED, labor and delivery or pediatric floor
- Contacting hospitalists via phone, email or fax
- Entering survey data online

Challenges



- Defining a hospitalist
- What to include in survey
 - What is important to know?
 - Comprehensive info vs survey length
- Finding comprehensive list of hospitals
- Technical issues
- Lack of response (no returned calls/emails)
- People unwilling to answer
- Incomplete surveys
- Time consuming

Community PHM Data (so far)



- Approx 7600 hospitals screened for PHM
- 739 hospitals identified as having PHM services
- 469 Hospitals with PHM responded to survey
 - 316 Community, 153 Tertiary/Children's
- 422 FTEs: 285 in community setting
 - Mean in community setting = 4.2

Community PHM Data

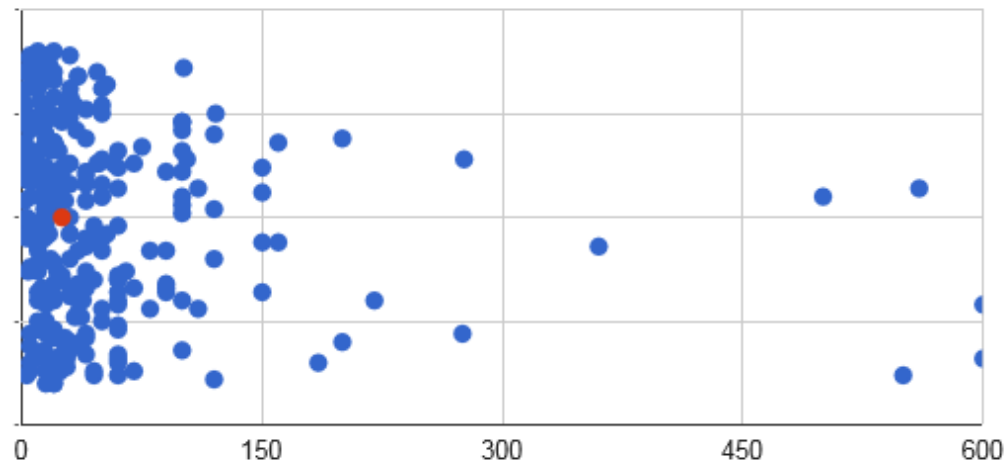


Distance (in miles) to nearest referral center [Refresh Plot](#)

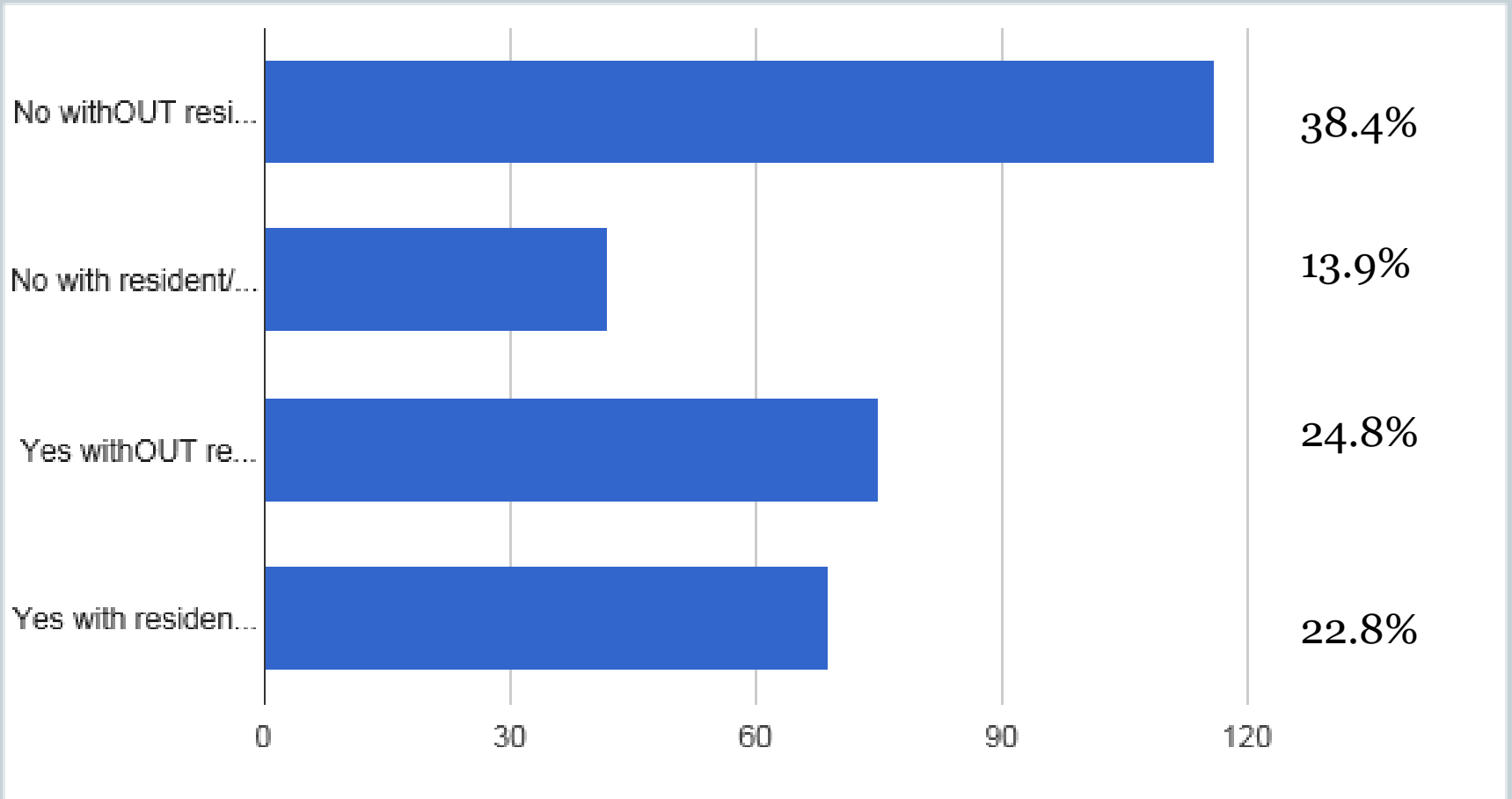
Total Count (N)	Missing	Unique	Min	Max	Mean	StDev	Sum	Percentile						
								0.05	0.10	0.25	0.50 Median	0.75	0.90	0.95
278	38 (12.0%)	70	0.00	600.00	50.17	84.20	13,948.10	3.00	5.00	14.25	25.00	50.00	100.00	151.50

Lowest values: 0, 1, 1, 1, 1.7

Highest values: 500, 550, 560, 600, 600



CPHM: Affiliation +/- Residents ?



CPHM: Average Daily Census (non-newborn)

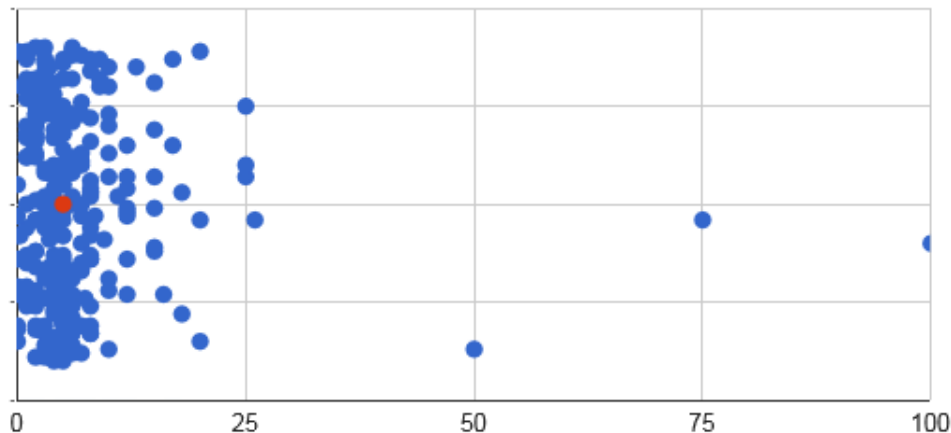


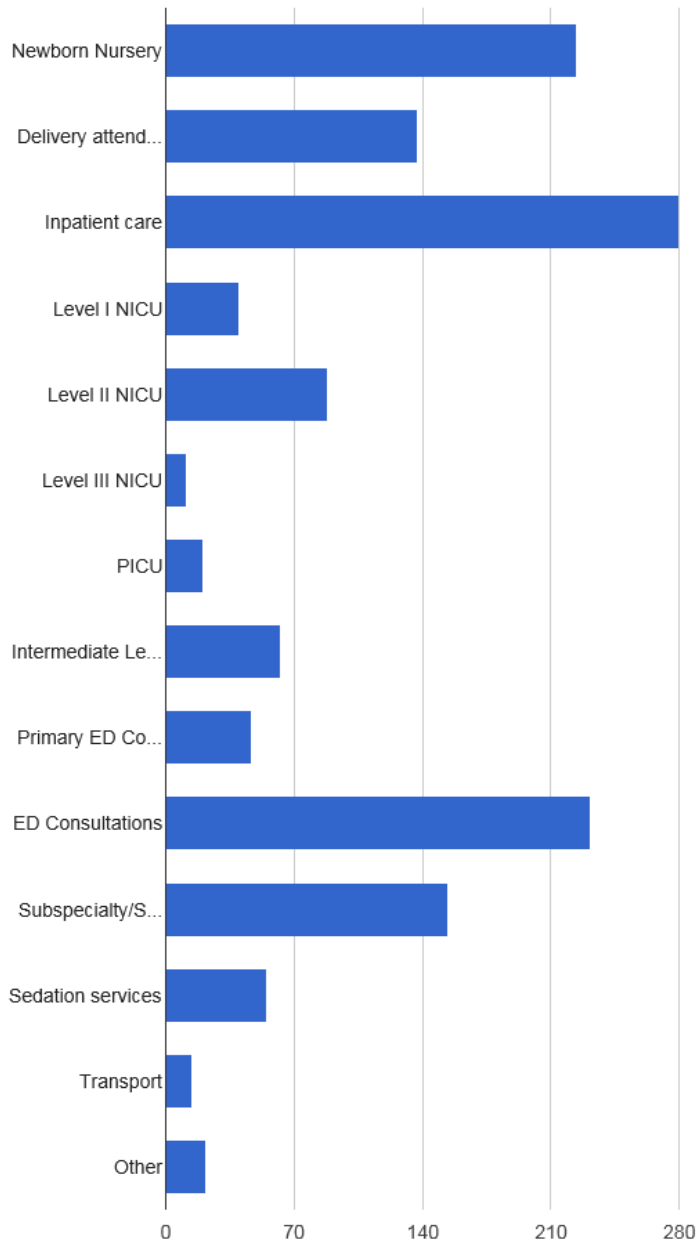
What is the average daily census on the pediatric hospitalist service at [hospital_name]? (Excluding well babies and critical care) [Refresh Plot](#)

Total Count (N)	Missing	Unique	Min	Max	Mean	StDev	Sum	Percentile						
								0.05	0.10	0.25	0.50 Median	0.75	0.90	0.95
269	47 (14.9%)	35	0.00	100.00	6.40	8.89	1,722.10	1.00	1.00	3.00	5.00	7.00	12.00	16.60

Lowest values: 0, 0, 0, 0, 0

Highest values: 25, 26, 50, 75, 100





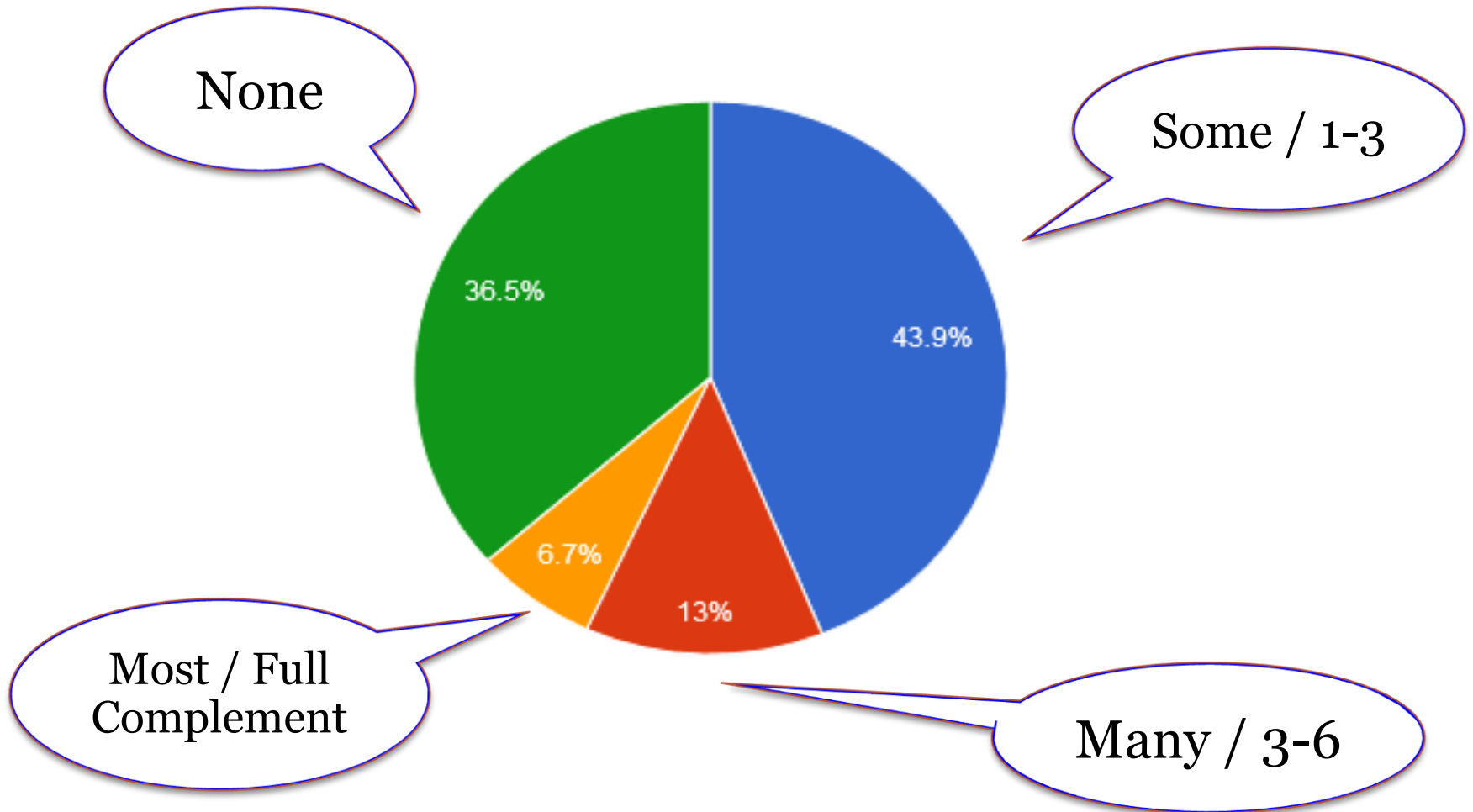
- Newborn Nursery (70.9%)
- Delivery attendance/resuscitations (43.4%)
- Inpatient care (88.6%)
- Level I NICU (12.7%)
- Level II NICU (27.8%)
- Level III NICU (3.5%)
- PICU (6.3%)
- Intermediate Level Care (19.9%)
- Primary ED Coverage (14.9%)
- ED Consultations (73.4%)
- Subspecialty/Surgical Co-management (48.7%)
- Sedation services (17.4%)
- Transport (4.7%)
- Other (7%)

CPHM: “Other” Hospital Duties

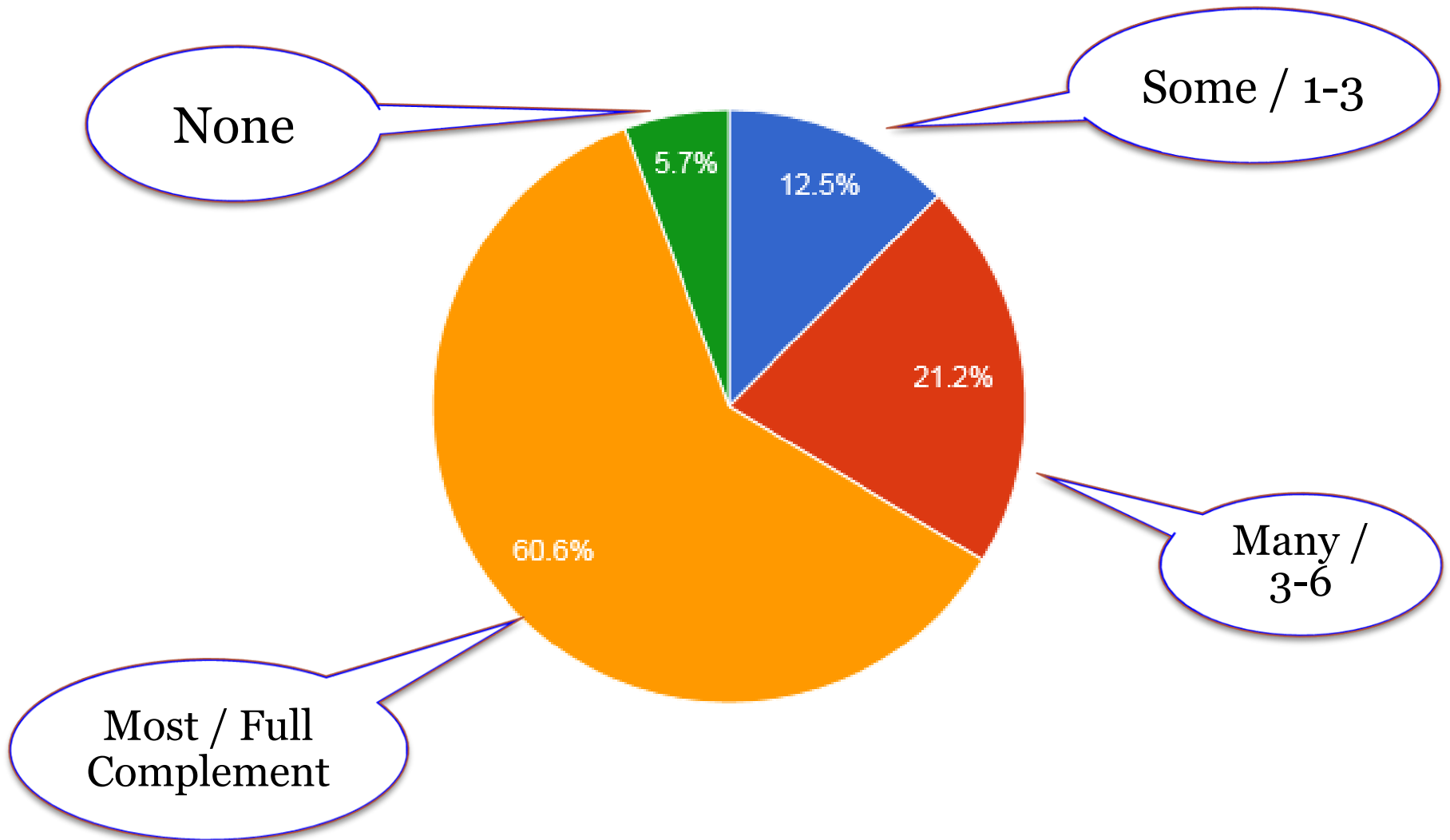


- Some clinic (7)
- Long term inpatient care - subacute care (2)
- PA student supervision
- Outpatient infusions / chemo (3)
- Medical management of inpatient psych
- Adolescent Detox Unit
- Outpatient procedures (VCUG caths)
- Circumcisions

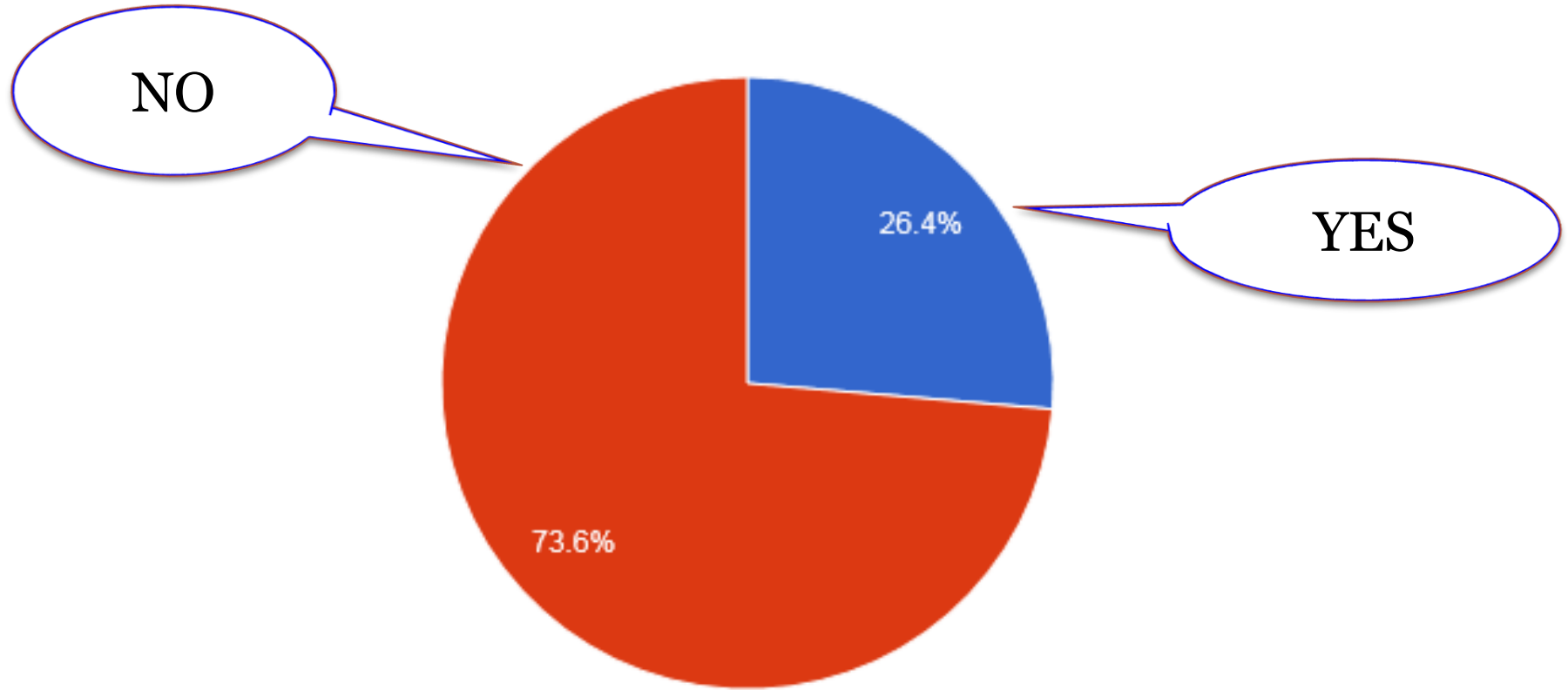
CPHM: Subspecialists In house / On-call ?



CPHM: Subspecialists Available By Phone?



CPHM: Pediatric Surgeons On-call?



What do you consider are the primary issues facing pediatric community hospitalists?



- 1. Justification/Finances (27)
- 2. Lack of Subspecialty MDs/Services (23)
- 3. Maintaining Skills, Knowledge (14)
- 4. Staffing (11)
- 5. Functioning in an Adult System (9)
- 6. Decreasing Number of Admissions (8)
- 7. Respect/Status (8)