

Tool to Assess Infection Preventionist Resources

Infection Preventionist Assessment Subcommittee
Presented May 8, 2014

Task: Per California Health & Safety Code 1288.6

- “(2) In accordance with subdivision (a) of the code, *[the HAI Advisory Committee shall]* recommend a method by which the number of infection prevention professionals would be assessed in each hospital.”
- Designed for use by CDPH Licensing Surveyors
- Part I replicates New York public report data from 2007 to present
- Part II is unique to California

Part I – IP Staffing Per Licensed Acute Care Beds and Weighted Staffing

- General demographics to understand overall scope of what Infection Prevention (IP) departments cover.
Accommodates:
 - Hospitals in different counties
 - Multiple CMS licenses
 - Multiple NHSN numbers
- Gathers data on number of ‘licensed’ beds and different types of satellite areas covered (e.g., free standing clinics, long term care, MD offices, etc.)
- Applies a formula to ascertain
 - # IPs per licensed bed
 - # IPs per weighted bed

Part II – Snapshot of IP Allotted Time Resources

- IP experience and certification status

| | years' experience as IP (if <1 yr, enter # mos) | Certified (CIC) | # assigned hrs/wk | extra hours worked | if yes, ave # extra hrs/wk |
|--------|---|-----------------|-------------------|--------------------|----------------------------|
| IP #1 | | N Y | | N Y | |
| IP #2 | | N Y | | N Y | |
| IP #3 | | N Y | | N Y | |
| IP #4 | | N Y | | N Y | |
| IP #5 | | N Y | | N Y | |
| IP #6 | | N Y | | N Y | |
| IP #7 | | N Y | | N Y | |
| IP #8 | | N Y | | N Y | |
| IP #9 | | N Y | | N Y | |
| IP #10 | | N Y | | N Y | |

- Hours allotted and estimate of hours actually worked to fulfill perceived job requirements

Part II – Snapshot of Range and Frequency of IP Duties

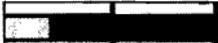
Categories of areas queried:

- IP interface w/ an IP Department budget
- **Routine duties**
- Education, consultation, professional development
- **Quality activities**
- Other IP duties, responsibilities, formal authority
- **Measure of prevention and sustainability efforts**
- Other IP Department resources
- **Whether/what electronic resources are available to the Department**
- Text box for comments

Thoughts on Analysis Part I

- Part I is straight-forward; could be reported out in the below format:

Figure 29. Infection Preventionist Personnel Resources in NYS Hospitals, 2011 (page 1 of 6)

| Hospital | FTE for IPs | Acute Care Beds | Acute Beds Per IP | Add. Bed EQ | Add. Bed EQ Per IP | Beds Per One FTE Infection Preventionist | LOW Resources Flag |
|---------------------|-------------|-----------------|-------------------|-------------|--------------------|--|--------------------|
| AO Fox Memorial | 0.8 | 60 | 75 | 238 | 298 |  | LOW |
| Adirondaack Medical | 0.9 | 52 | 61 | 198 | 233 |  | |
| Albany Medical | 6.1 | 616 | 102 | 645 | 107 |  | |
| Albany Memorial | 0.5 | 90 | 180 | 82 | 164 |  | |
| Alice Hyde | 1.0 | 53 | 53 | 281 | 281 |  | |
| Arnot Ogden | 2.3 | 219 | 95 | 472 | 205 |  | |

Thoughts on Analysis Part II

- Frequencies measured per daily/weekly (DW), monthly (M), quarterly (Q), annually (A) and not applicable (NA)
- It is anticipated that many IPs do most of these tasks:
 - Picture painted of complexity of their duties can serve as an educational tool for non-IPs
- Looks at items of interest that affect ease of the job
 - IP experience and education
 - Extent of responsibilities not specifically infection prevention
 - Electronic medical record, data mining, ...
 - Measure of sustainability of prevention practices

What the IPA Subcommittee Seeks Today:

- Input from the Committee
 - A pilot of the survey is planned
- Approval to proceed with testing and distribution of the survey
- Recommendations for resources to perform this survey
 - Put into survey format
 - Distribution
 - Place for data repository
 - Data analysis

Subcommittee Members

- Chair: Elizabeth Clark
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