



Physician and Infection Preventionist Perceptions on Communicable Disease Reporting, Indiana, 2016

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Background

Previous studies regarding mandatory reporting of communicable diseases have examined the compliance rate of physicians, but not the barriers or preferred public health outreach methods.

This study assessed perceptions for reporting communicable diseases and identified the preferred route of education for Indiana healthcare professionals.

Methods

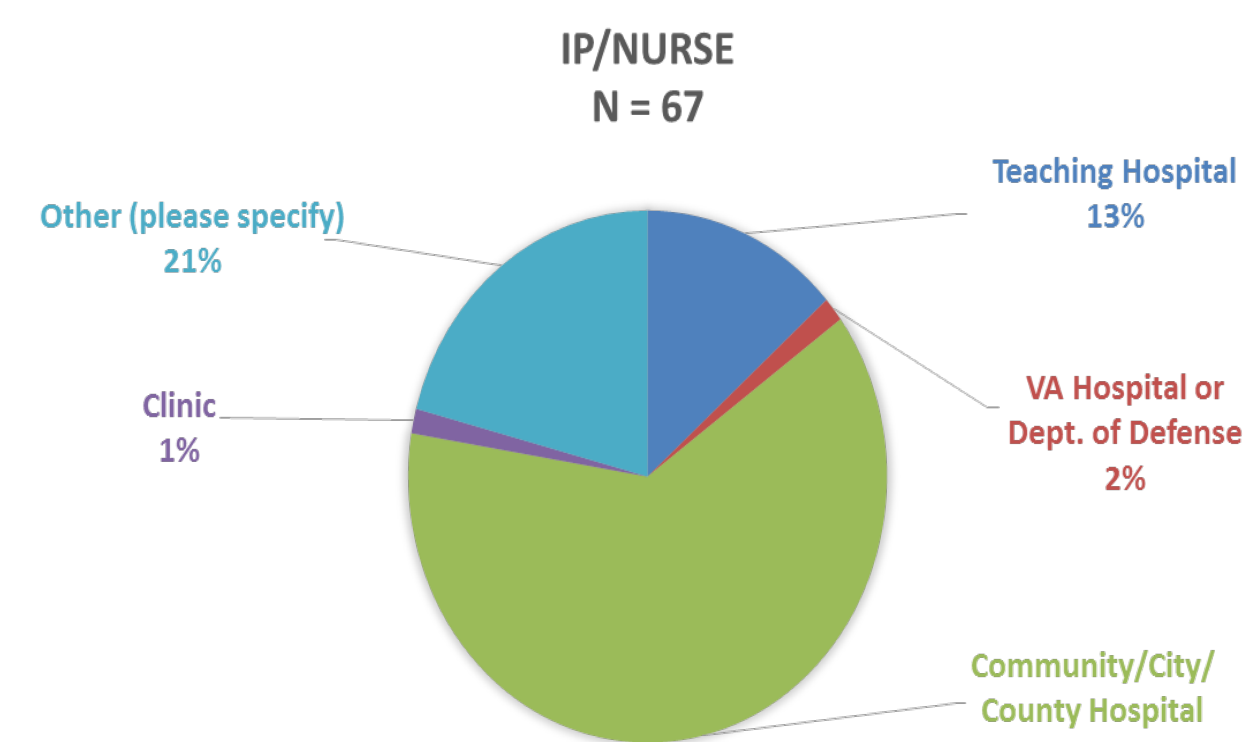
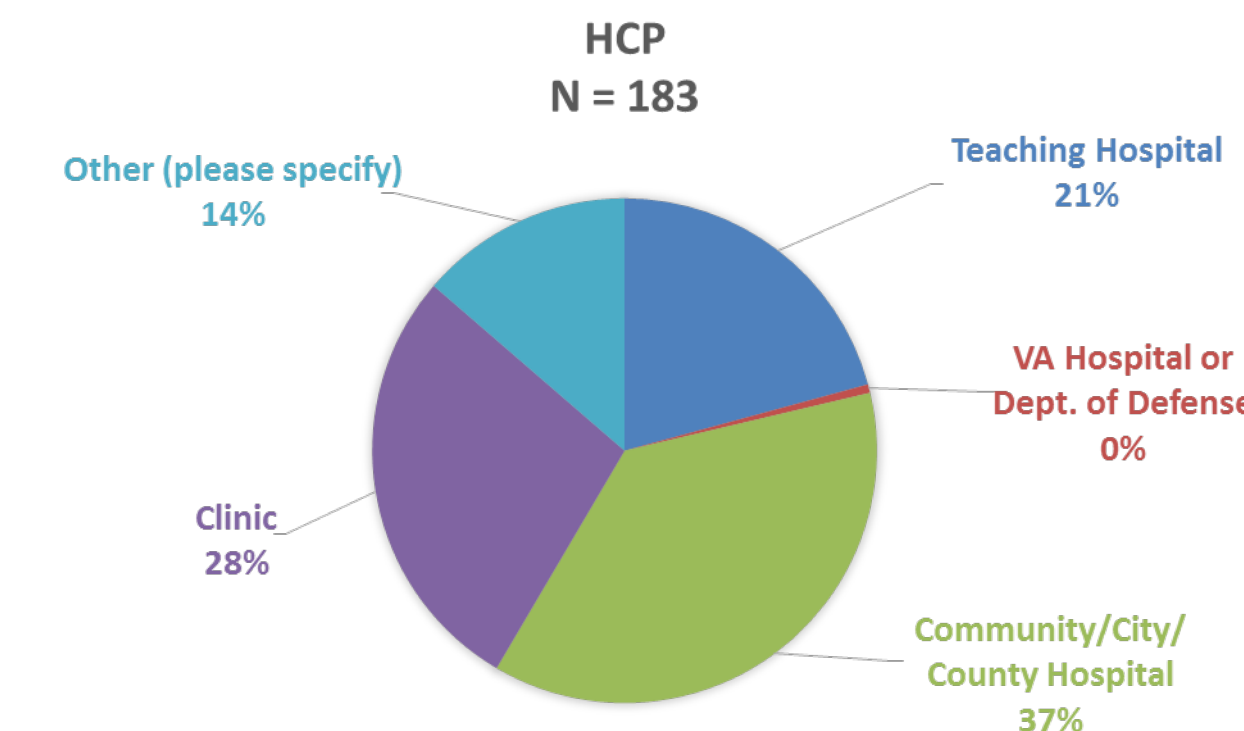
A web-based survey was developed using SurveyMonkey and distributed via several Indiana healthcare distribution lists. The survey consisted of 17 questions and responses were collected for seven days.

The target population included advanced health care providers (AHCP), infection preventionists (IP), and nurses.

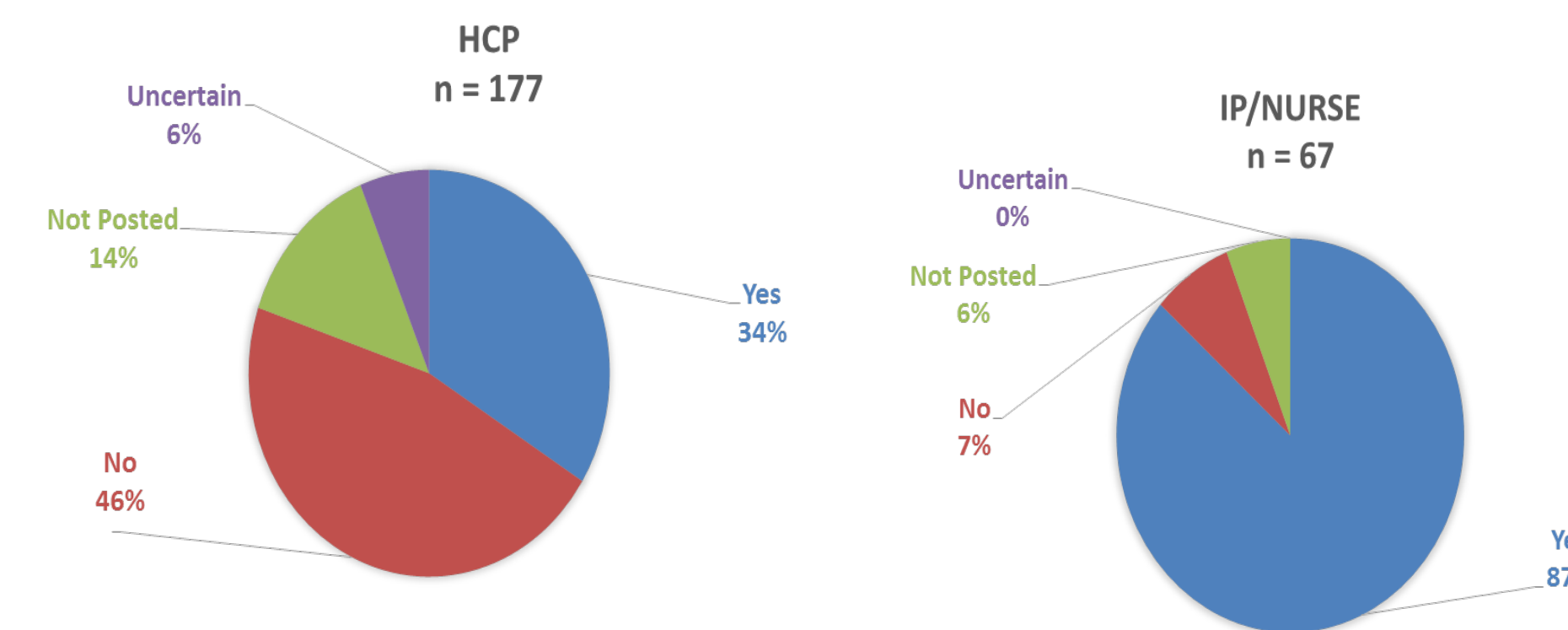
Respondents were separated into two distinct categories, AHCP and IP/nurses, based on reported professional role.

Results

Survey collected 250 responses which included 183 AHCP's and 67 IP/nurses.



Do you know number of public health department?



Perceived barriers to reporting

Barrier	HCP n (%)	IP/Nurse n (%)
Too much time required	71 (17)	15 (17)
I do not know what number to call	68 (17)	7 (8)
I do not know what disease are reportable	76 (18)	1 (1)
There are no barriers to reporting	40 (10)	32 (37)
Too difficult to reach the right public health person	43 (10)	9 (10)
Many diseases too common or too unimportant to merit effort of reporting	23 (6)	3 (3)
Ethical considerations	6 (1)	0 (0)
HIPAA compliance issue	11 (3)	0 (0)
Not my job	19 (5)	1 (1)
Not compensated for my time	22 (5)	2 (2)
Other (please specify)	30 (8)	17 (20)

How would you like to receive education from the health department (broken down by HCP specialty and IP/Nurse)

Answer	HCP n (%)	IP/Nurse n (%)
Literature provided via email	135 (40)	51 (29)
Videos provided via email	76 (22)	47 (27)
Grand Rounds	34 (10)	14 (8)
Lunch and Learn	42 (12)	37 (21)
After work mini sessions or conferences	17 (5)	10 (6)
Weekend workshop	16 (5)	7 (4)
Don't want any supplementary information/education	3 (1)	1 (1)
Other (please specify)	16 (5)	6 (3)

Answer	Pediatrics n (%)	OB/GYN n (%)	NA/Other n (%)	IM/Peds n (%)	IM n (%)	Family n (%)	EM n (%)
Literature provided via email	27 (36)	9 (38)	21 (50)	5 (33)	22 (39)	29 (39)	22 (42)
Videos provided via email	18 (34)	4 (17)	11 (26)	5 (33)	12 (21)	16 (21)	10 (19)
Grand Rounds	12 (16)	2 (8)	1 (2)	3 (20)	7 (13)	5 (7)	4 (8)
Lunch and Learn	13 (17)	3 (13)	1 (2)	1 (7)	7 (13)	10 (13)	7 (13)
After work mini sessions or conferences	2 (3)	2 (8)	0 (0)	1 (7)	3 (5)	6 (8)	3 (6)
Weekend workshop	3 (4)	3 (13)	2 (5)	0 (0)	2 (4)	3 (4)	3 (6)
Don't want any supplementary information/education	0 (0)	1 (4)	1 (2)	0 (0)	0 (0)	0 (0)	1 (2)
Other (please specify)	0 (0)	0 (0)	5 (12)	0 (0)	3 (5)	6 (8)	2 (4)

CONCLUSIONS

Barriers to reporting can significantly hinder communicable disease surveillance in Indiana.

AHCP feel reporting takes too much time, do not know what to report and do not know what number to call to report communicable diseases

Educational outreach should use preferred methods reported by AHCPs and IP/nurses to reduce barriers to reporting and improve reporting compliance

Majority of HCP's and IP/Nurses would prefer to receive educational material through e-mail

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