

2014

APIC Ebola Readiness Poll

Results of an online poll of infection preventionists



APIC[®]

Association for Professionals in Infection Control and Epidemiology (APIC)
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APIC Ebola Readiness Poll

About the Association for Professionals in Infection Control and Epidemiology (APIC)

APIC is the leading professional association for infection preventionists (IPs) with more than 15,000 members. APIC's mission is to create a safer world through prevention of infection. The association advances its mission through patient safety, implementation science, competencies and certification, advocacy, and data standardization.

Most APIC members are nurses, physicians, public health professionals, epidemiologists, or medical technologists who:

- **Collect, analyze, and interpret health data in order to track infection trends, plan appropriate interventions, measure success, and report relevant data to public health agencies.**
- **Establish scientifically based infection prevention practices and collaborate with the healthcare team to assure implementation.**
- **Work to prevent healthcare-associated infections (HAIs) in healthcare facilities by isolating sources of infections and limiting their transmission.**
- **Educate healthcare personnel and the public about infectious diseases and how to limit their spread.**

Many IPs are employed within healthcare institutions and also serve as educators, researchers, consultants, and clinical scientists. The majority of APIC members are affiliated with acute care settings. An increasing number practice in ambulatory and outpatient services where they direct programs that protect patients and personnel from HAIs. Members are also involved in long-term care, home health, and other practice settings where infection prevention and control is an increasing area of responsibility for nurses and other healthcare personnel.

APIC's educational programs, products, and services support the infection prevention activities of the many patient safety stakeholders. APIC collaborates with other professional associations, consumer groups, and thought leaders, as well as regulatory and accrediting bodies, to maximize the synergy of shared interests and resources with the goal of improving patient outcomes. Visit APIC online at www.apic.org.

About the readiness poll

APIC distributed an online survey consisting of 11 open- and closed-ended questions to its 15,000 infection preventionist members on Friday, October 10, 2014. The survey concluded on Wednesday, October 15, 2014.

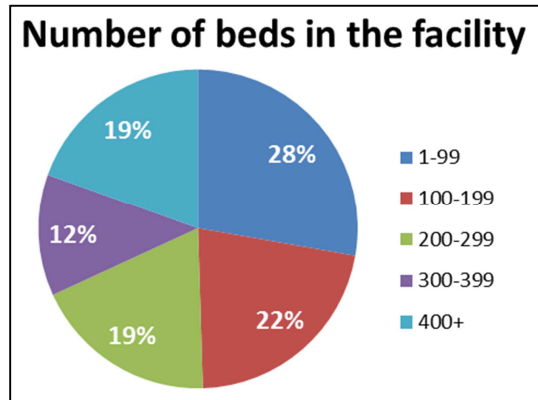
The Ebola Readiness Poll provides insight on member preparedness related to Ebola. The survey asked APIC's infection preventionists members, "How prepared is your facility to receive a patient with the Ebola virus?" The intent of the poll is to help inform dialog and indicate areas where more in-depth preparation and training might be beneficial.

Results from this survey are based on the 1,039 infection preventionists respondents located in the United States who practice in acute care hospitals.

The following results include U.S.-based infection preventionists who practice in acute care hospitals.

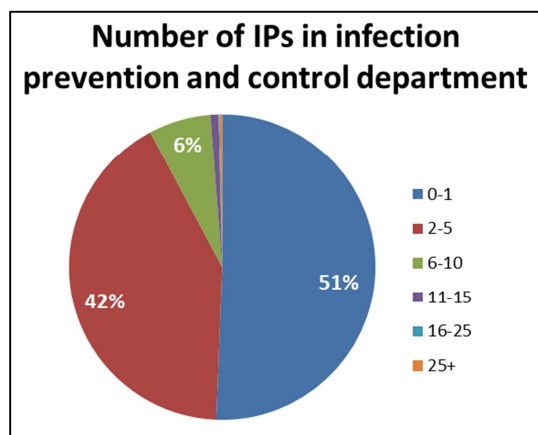
Indicate the number of beds in your facility.

Response	Count	Percentage
1-99	286	27.77%
100-199	224	21.75%
200-299	192	18.64%
300-399	127	12.33%
400+	201	19.51%
Grand Total	1030	



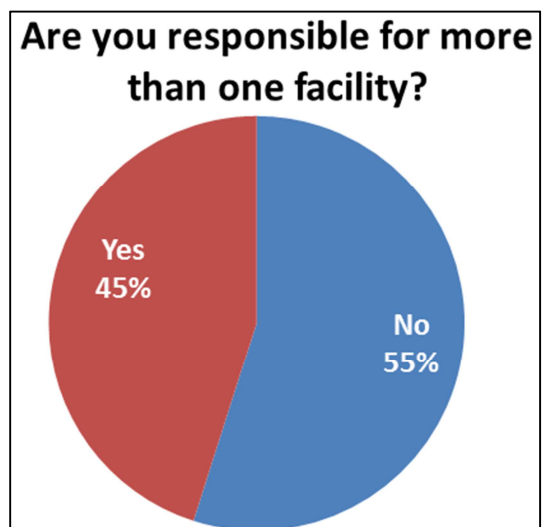
Indicate the number of infection preventionists in your infection prevention and control department.

Response	Count	Percentage
0-1	526	50.63%
2-5	432	41.58%
6-10	68	6.54%
11-15	9	0.87%
16-25	1	0.10%
25+	3	0.29%
Grand Total	1039	



Are you responsible for infection prevention and control for more than one facility?

Response	Count	Percentage
No	570	54.91%
Yes	468	45.09%
Grand Total	1038	

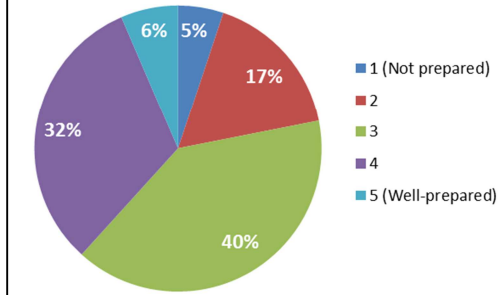


How prepared is your facility to receive a patient with the Ebola virus?

(From 1 not prepared to 5 well-prepared)

Response	Count	Percentage
1 (Not prepared)	53	5.11%
2	174	16.78%
3	413	39.83%
4	330	31.82%
5 (Well-prepared)	67	6.46%
Grand Total	1037	

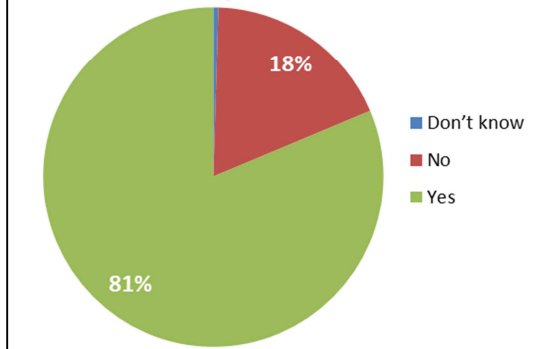
How prepared is your facility to receive a patient with the Ebola virus?



Have you initiated Ebola training for your staff?

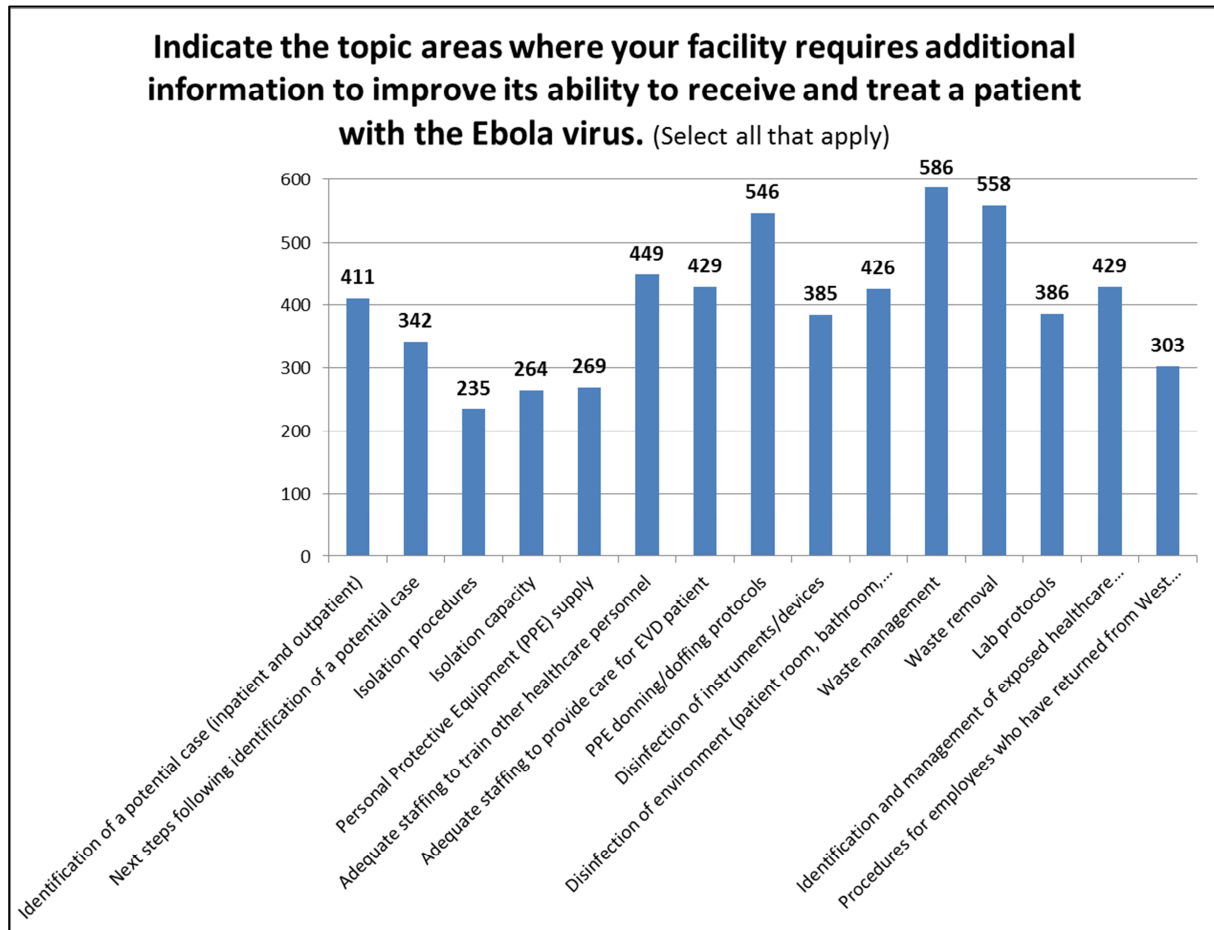
Response	Count	Percentage
Don't know	5	0.48%
No	189	18.19%
Yes	845	81.33%
Grand Total	1039	

Have you initiated Ebola training for your staff?



Indicate the topic areas where your facility requires additional information to improve its ability to receive and treat a patient with the Ebola virus. (Select all that apply)
(1027 individual responses)

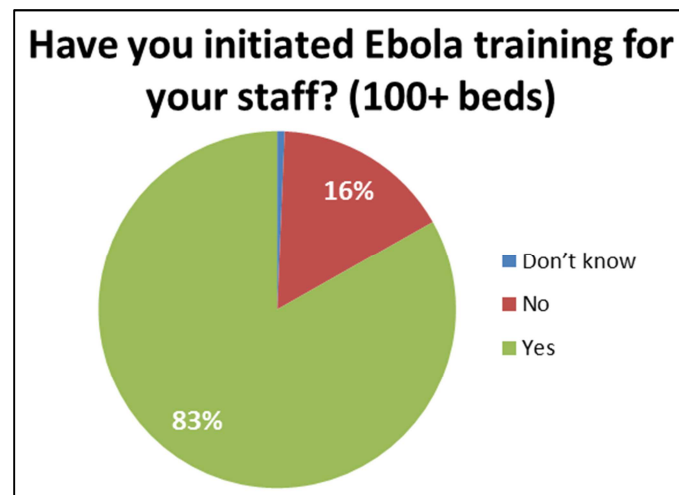
Response	Count
Identification of a potential case (inpatient and outpatient)	411
Next steps following identification of a potential case	342
Isolation procedures	235
Isolation capacity	264
Personal Protective Equipment (PPE) supply	269
Adequate staffing to train other healthcare personnel	449
Adequate staffing to provide care for EVD patient	429
PPE donning/doffing protocols	546
Disinfection of instruments/devices	385
Disinfection of environment (patient room, bathroom, patient holding areas)	426
Waste management	586
Waste removal	558
Lab protocols	386
Identification and management of exposed healthcare personnel	429
Procedures for employees who have returned from West Africa	303
Grand Total	6018



The following result includes infection preventionists working in U.S. acute care hospitals broken out by the number of beds per facility.

Have you initiated Ebola training for your staff?

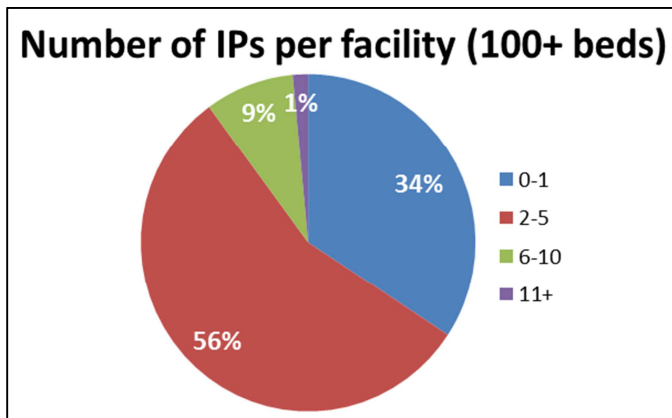
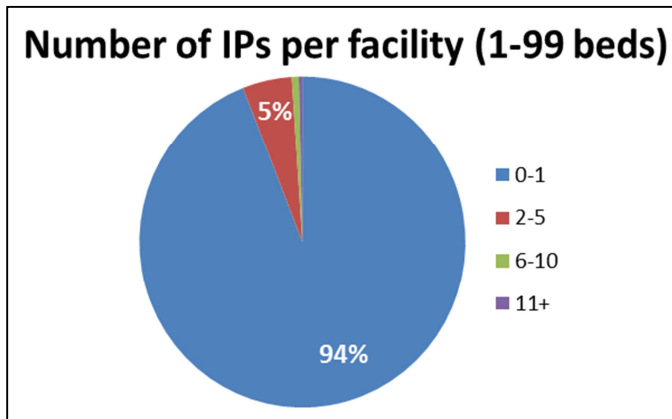
	Don't know	No	Yes	Grand Total
1-99 beds	0	69	217	286
100+ beds	5	120	619	744
Grand Total	5	189	836	1030



The following result includes infection preventionists working in U.S. acute care hospitals broken out by the number of infection preventionists working in the facility.

Indicate the number of IPs per facility, broken down by number of beds.

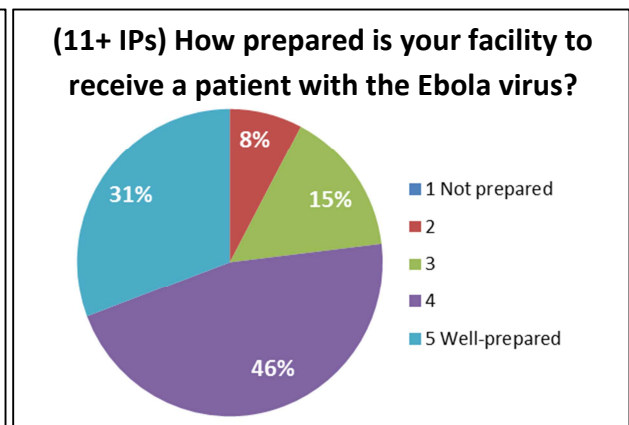
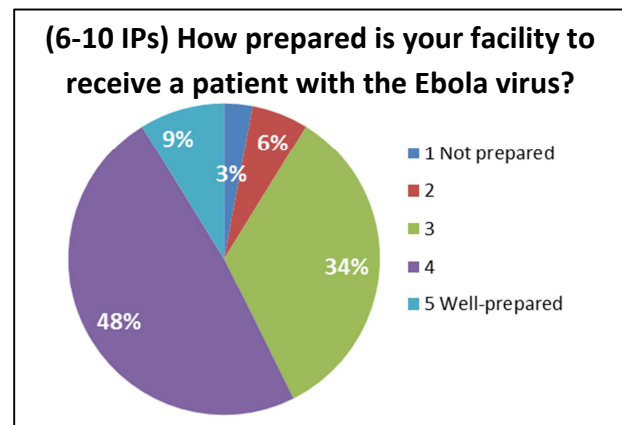
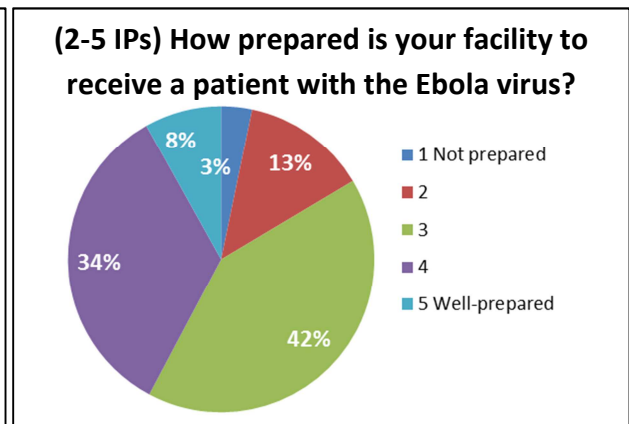
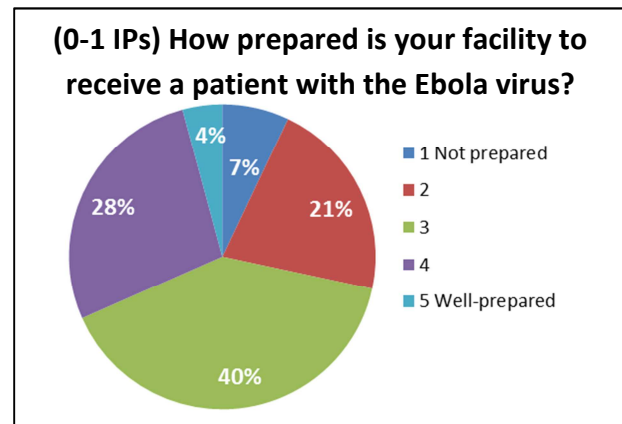
	1-99 beds	100+ beds	Grand Total
Number of IPs			
0-1	269	255	524
2-5	14	414	428
6-10	2	64	66
11+	1	11	12
Grand Total	286	744	1030



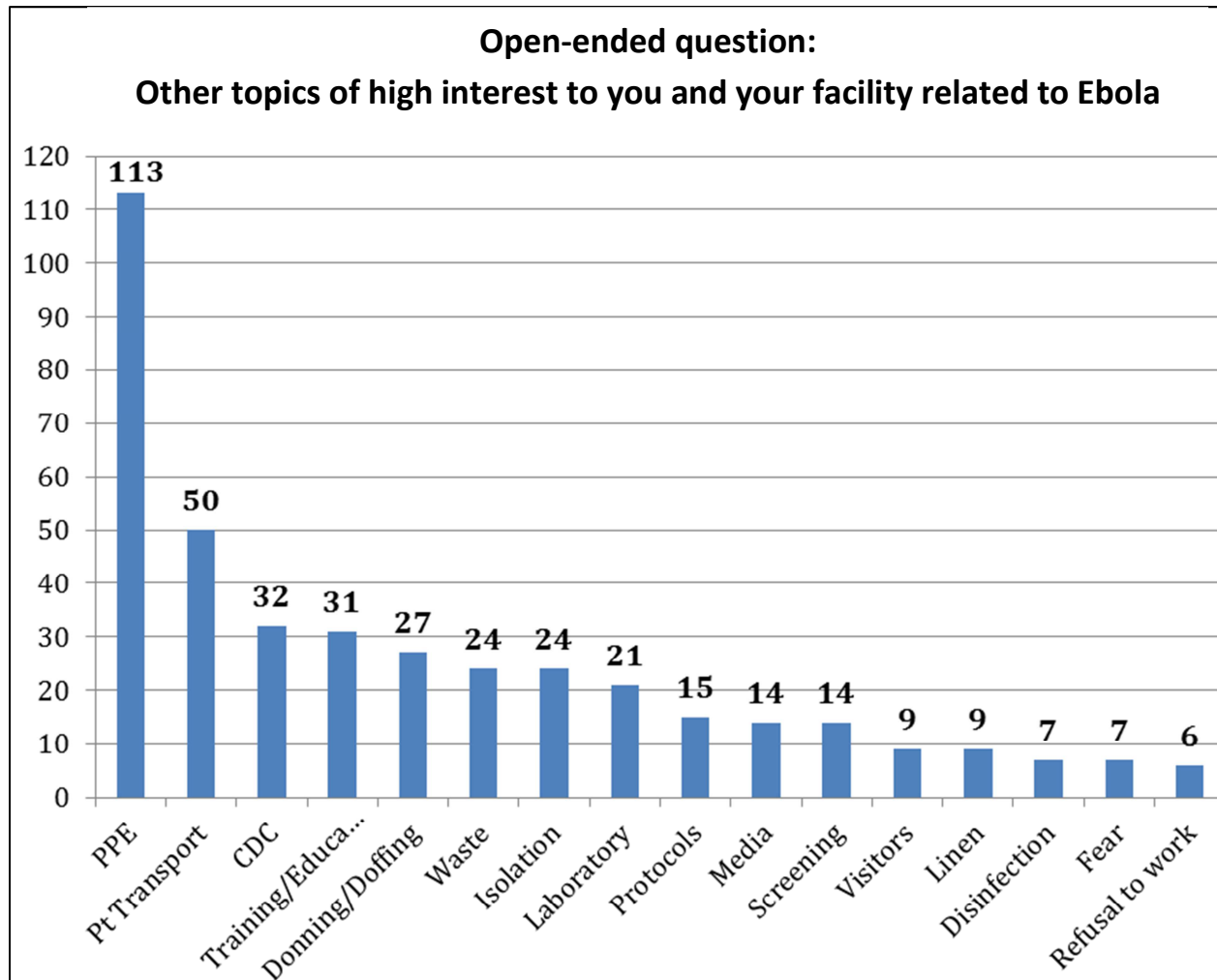
How prepared is your facility to receive a patient with the Ebola virus?

(From 1 not prepared to 5 well-prepared)

	1 Not prepared	2	3	4	5 Well-prepared	Grand Total
Number of IPs						
0-1	37	112	210	144	22	525
2-5	14	57	178	147	35	431
6-10	2	4	23	33	6	68
11+	0	1	2	6	4	13
Grand Total	53	174	413	330	67	1037



The following graph includes the count of categorized open-ended responses.



Label descriptions

PPE—Personal protective equipment (PPE) types recommended, where to obtain, training and education regarding use

PT Transport—Transport and transfer of suspected or confirmed cases either within the facility or to another facility

CDC—Discrepancies between what is seen (Emory, Univ. Nebraska) and what is recommended, requests for clear, specific protocols, policies and procedures

Training/Education—Requests for training and education in all phases of treatment of the Ebola virus disease (EVD) patient

Donning/Doffing—Specific questions about donning (19) and doffing (27) PPE, requests for protocols, videos, etc.

Waste—Questions regarding processing and disposal of patient waste, PPE, textiles, and other waste

Isolation—Questions about the level of isolation required and requirements of that level of isolation

Lab—Questions regarding transfer of specimens to the lab, protection of laboratory workers, and disposal of specimens after analysis

Protocols—Requests for protocols to be used during all phases of screening, transport, treatment, use of PPE, disposal of waste, and disposition of bodies of deceased

Media—Questions regarding how to deal with the media, as well as opinions that the media is creating anxiety in the public

Screening—Requests for screening protocols

Visitors—Requests for information on individuals accompanying suspected EVD patients and requests to visit EVD patients

Linen—Handling and disposition of textiles

Disinfection—Requests for disinfection protocols, chemicals

Fear—Statements of anxiety and fear on the part of staff members

Refusal to work—Questions regarding process if staff refuse to work