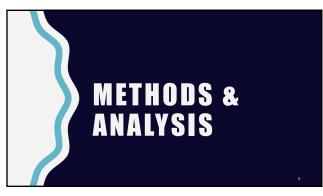


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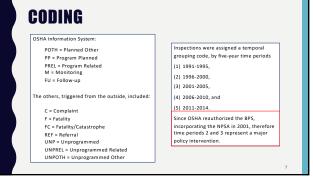
SPECIFIC SECTIONS OF THE STANDARD EXPOSURE CONTROL PLAN including annual updates (c)(1)(i); (c)(1)(iv): Frontline employee feedback on device evaluation, selection ENGINEERING CONTROLS (safer medical devices); (c)(1)(iv)(B); (c)(1)(v); (d)(2); PPE (d)(3) (g)(2); WORK PRACTICE controls (d)(2); (e)(2)(ii); Labeling of biohazards (d)(2)(xiii)(A); Proper disposal (d)(4)(iii)(C); VACCINATIONS (HBV) (f); POSt-Exposure Prophylaxis (f)(1);(f)(3)(vii) TRAINING (g)(2); RECORDKEEPING, Sharps Injury Log (h)

4



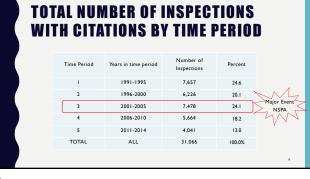
OVERVIEW

- The authors analyzed enforcement data for OSHA Bloodborne Pathogens Standard citations issued between 1991 and 2015.
- OSHA conducted 31,066 inspections resulting in 77,142 citations.
- Broad trends were evident in two high-level standard categories, Exposure Control Plans and Recordkeeping, with increasing numbers of citations for those two domains.
- Overall, examining OSHA enforcement data may be a useful method of determining changes in safety practices for other infectious diseases.





7

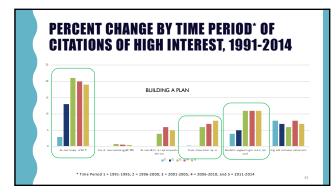


9



Paragraph	Number of Inspections with at least one citation	Percentage of Inspections with at least one citation	Number of Citations	Percent of Total Citations	Citations per Total Inspection
C. Exposure Control Plan	20,871	67.2	26,239	33.99	0.84
D. Engineering and Work Practice Controls	9,242	29.7	14,891	19.29	0.48
E HIV/HBV Research Laboratories and Production	9,281	29.9	76	0.1	0.00
F HBV/Post-Exposure Prophylaxis	10,137	32.6	12,743	16.51	0.41
G Communication of Hazards to Employees	12,791	41.2	15,987	20.71	0.51
H Recordkeeping	4,985	16.0	7,206	9.33	0.23
TOTAL	31.066		77.142		2.47

10



ENFORCEMENT & PROTECTION OF WORKFORCE

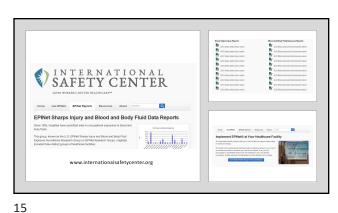
- OSHA enforcement is a necessary element in driving employers to provide the safest possible work environments to protect overall public health
- What about what's next? Globally emerging pathogens like Zika and Ebola.
 Since new clusters of pathogens emerge annually in the communities, it is
- essential that we keep those caring for the sick, safe and well.
- An increase in vulnerable populations and reduced access to healthcare enhances the need for compliance programs – environmental justice and health disparities

FUTURE RESEARCH & POLICY NEEDS FOR AN ETS OR ID STANDARD

- Does OSHA compliance with a standard mean protected workplaces?
- Do reduced numbers of citations mean employers are complying? -Do increased numbers of inspections mean they aren't?
- Why haven't we built better regulations and policy based on data already?
- \bullet Should facilities be compelled to report injuries/exposure to OSHA? BLS?

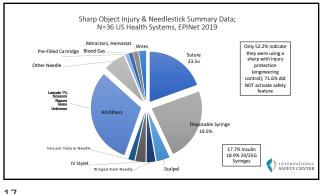
13

MAKE DATA INFORMED DECISIONS FOR ASSESSING RISK

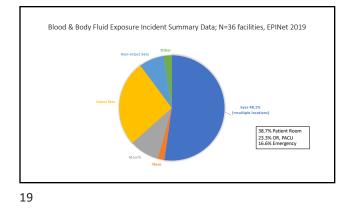


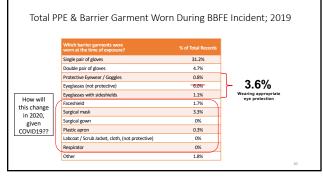




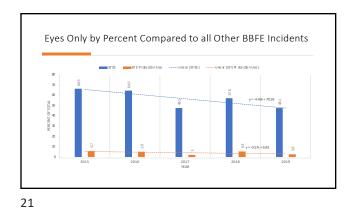








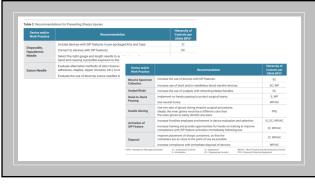
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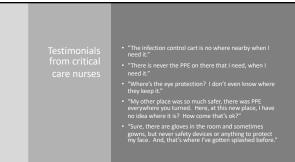








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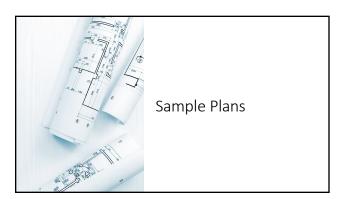


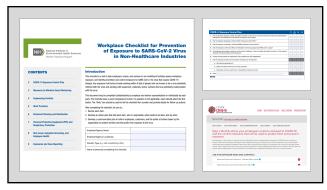
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MAKE BUILDING & EXECUTING A PLAN CENTRAL TO PREVENTION







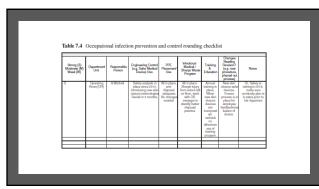
31

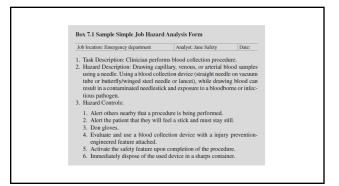
	Risk hazard category			
requency of occurrence resulting in risk	Critical	Serious	Minor	
requent/often	Unacceptable	Unacceptable	High	
ccasional	Unacceptable	High	High	
poradic/sometimes	Unacceptable	High	Moderate	
obable/infrequent	Moderate	Moderate	Low	
emote/improbable	Moderate	Low	Low	

Table Date		Work Area, Department, or	fluid (infectious Brief Description of Exposure	s disease) exposure Type of PPE Worn During Exposure (Eye Protection,	
	Skin, Other)	Exposure Occurred	Incident	Mask, Respirator, Gown, etc.)	Prevented the Exposure? (Y/N)

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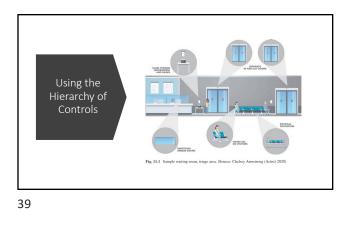
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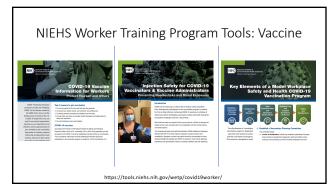
 Step 1: Identify where your employees could be exposed to COVD-19 and the control measures that will be used to protect them and prevent support approximation of the addate of the sector of

38



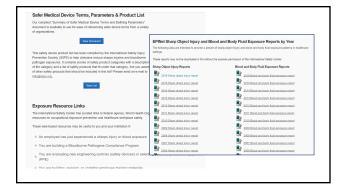












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