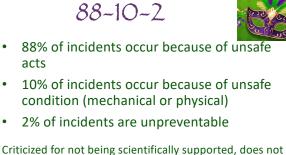




What Were His Conclusions?

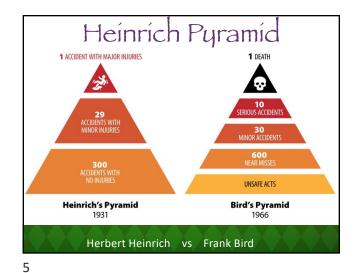


88-10-2 **Heinrich Pyramid Domino Theory** 4/1 ratio of direct/indirect costs

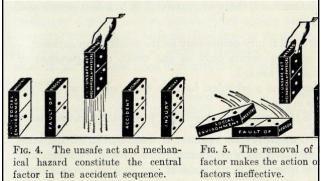


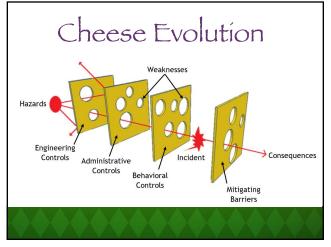
recognize management systems, too much focus on worker

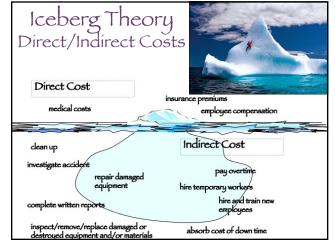
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Domino Theory







Criticisms

- Not scientifically supported
- Does not recognize management systems
- Too much focus on worker and not enough on systems
- Pyramid unsupported/misapplication

Accident Causation Theories

Human Factors Theory Accident/Incident Theory Epidemiological Theory Systems Theory Behavioral Theory (BBS) Domino Theory

9

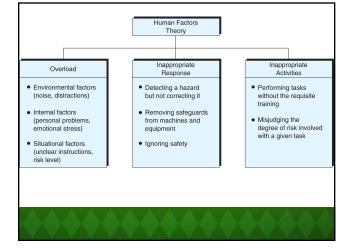
Why Bother?

Before:

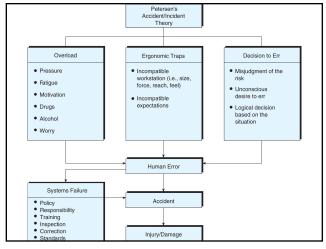
- Helps in job/process design
- Helps identify ways we are setting workers up for possible failure

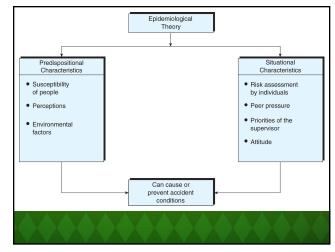
After:

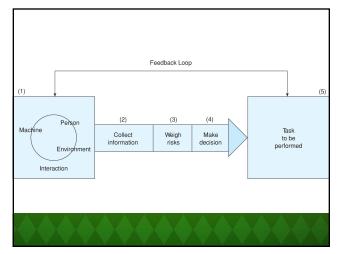
Helps identify appropriate corrective measures

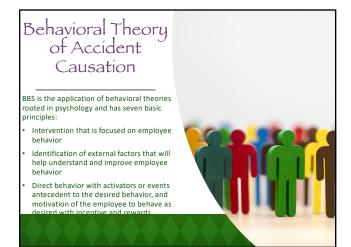


10









Behavioral Theory

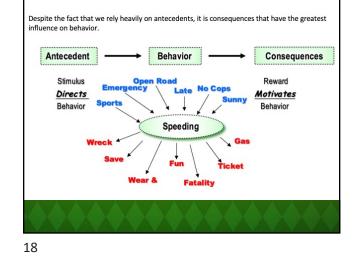
•Focus on the positive consequences that will result from the desired behavior to motivate employees

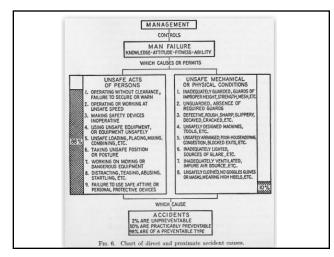
•Application of the scientific method to improve attempts at behavior interventions

•Use of theory to integrate information rather than to limit possibilities

•Planned interventions with **feelings** and **attitudes** in mind







"No matter how strongly the statistical records emphasize personal faults or how imperatively the need for education activity is shown, no safety procedure is complete or satisfactory that does not provide for the ... correction or elimination ... of physical hazards." -Heinrich

We need the Why, not just the How

