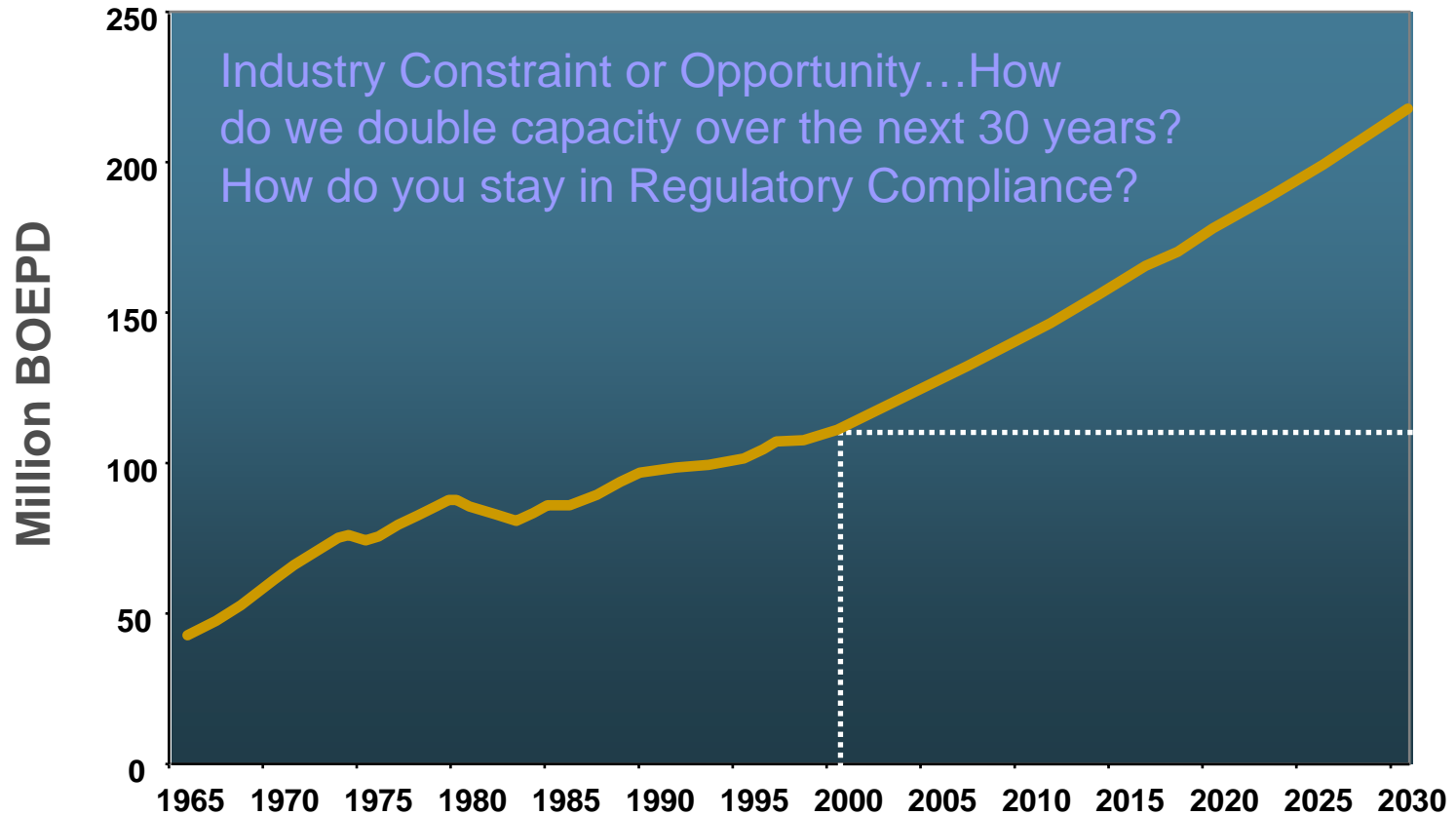
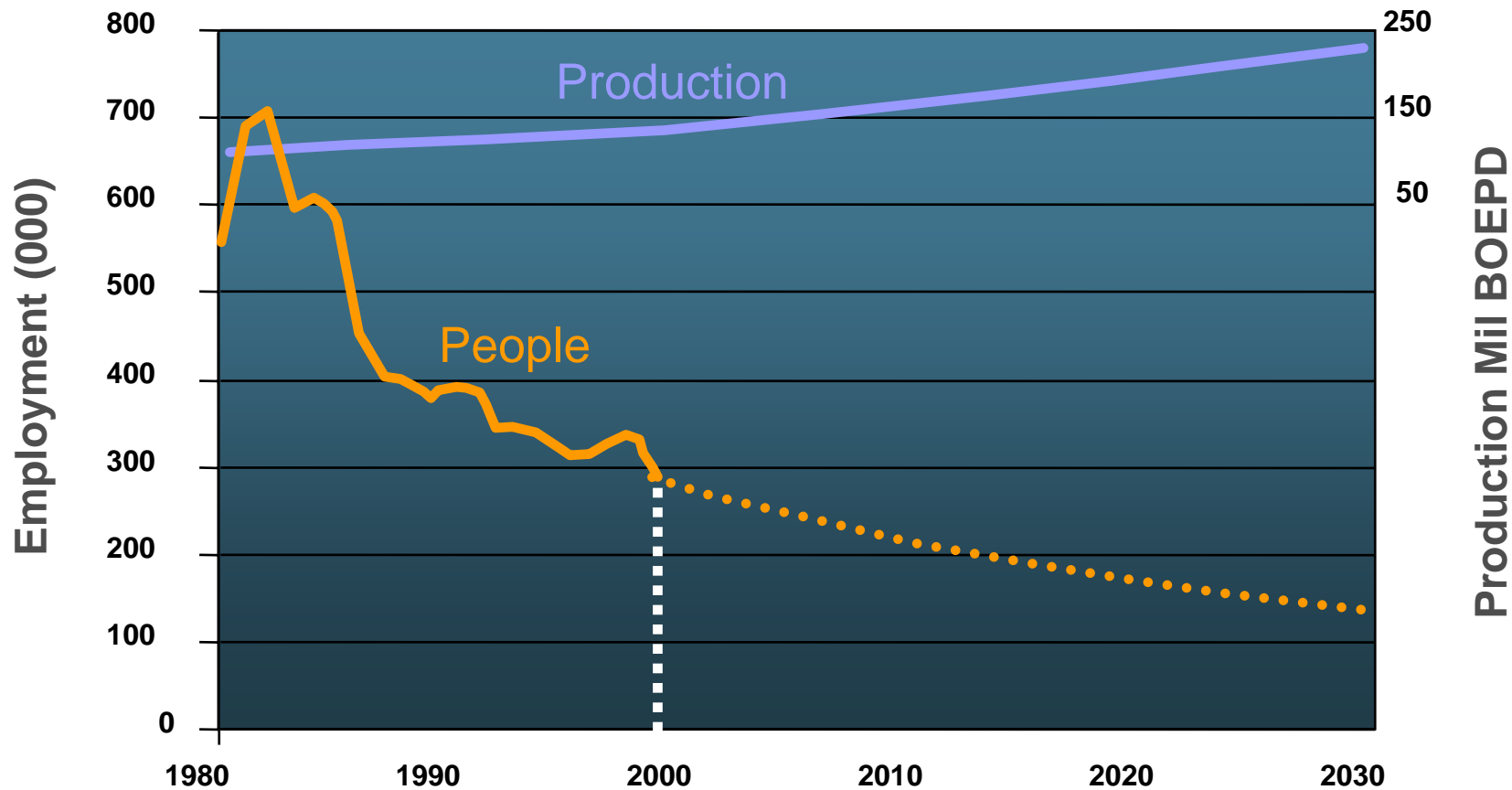


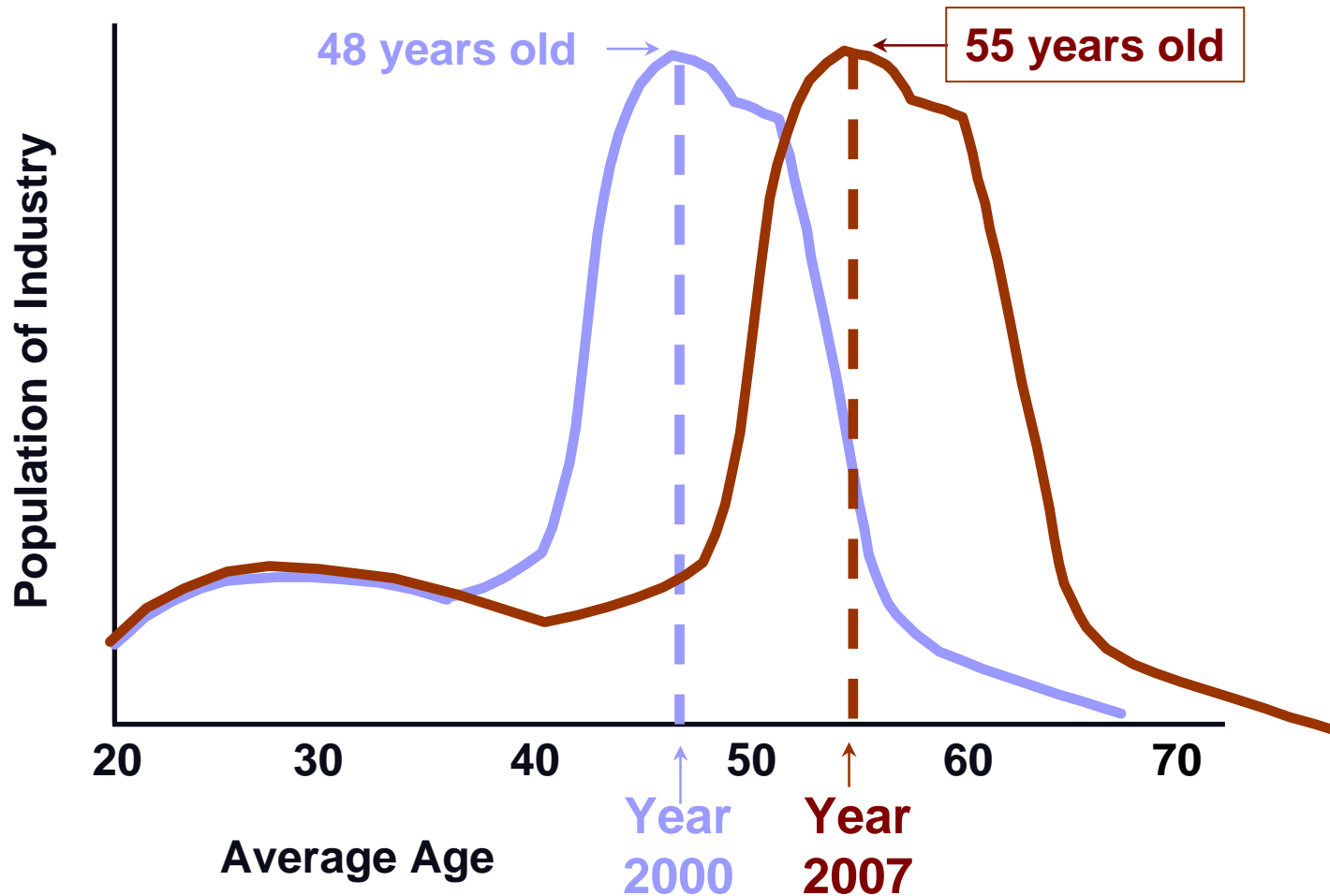
World Oil and Gas Production



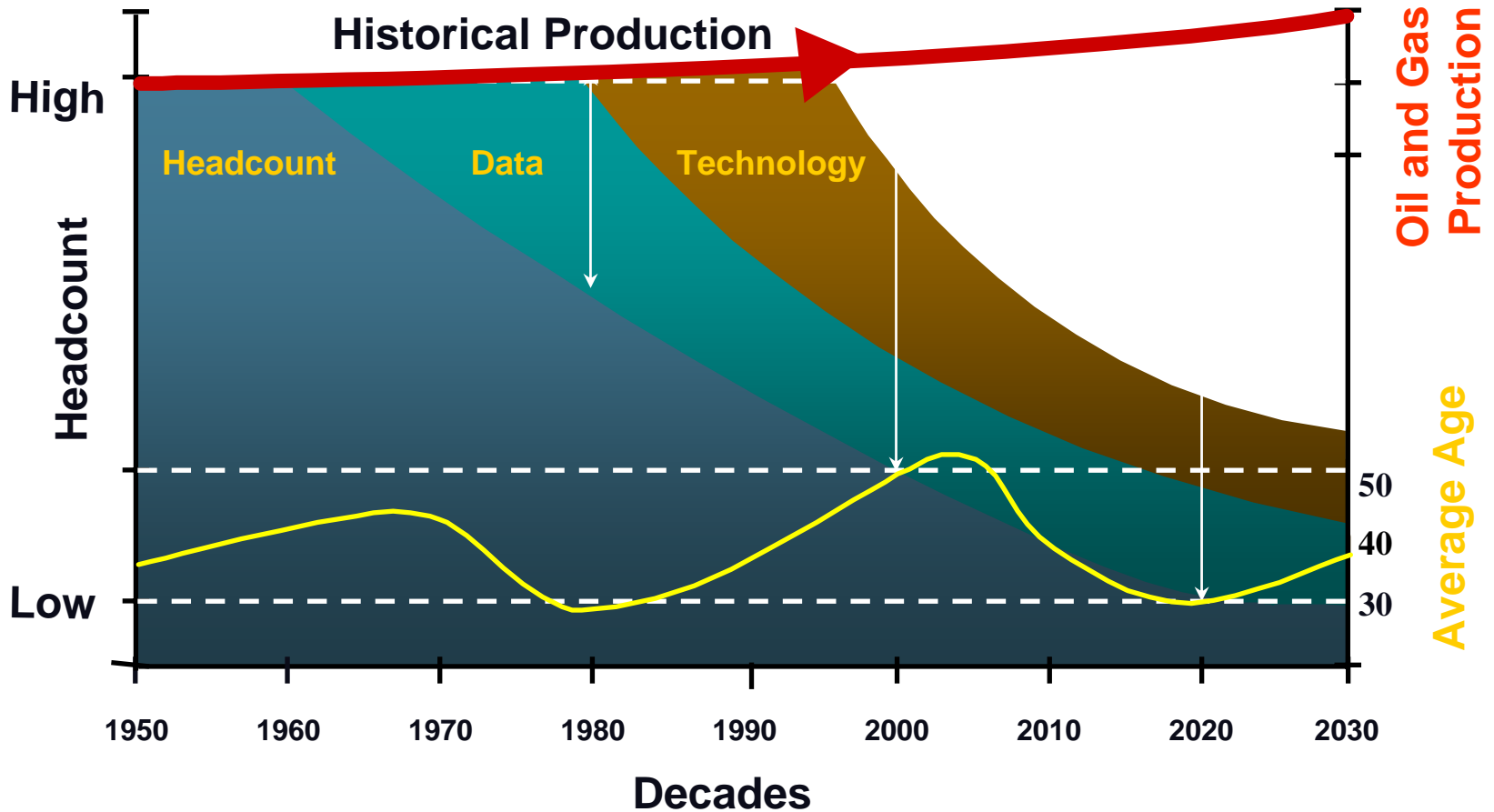
Oil and Gas. . . Employment and Production



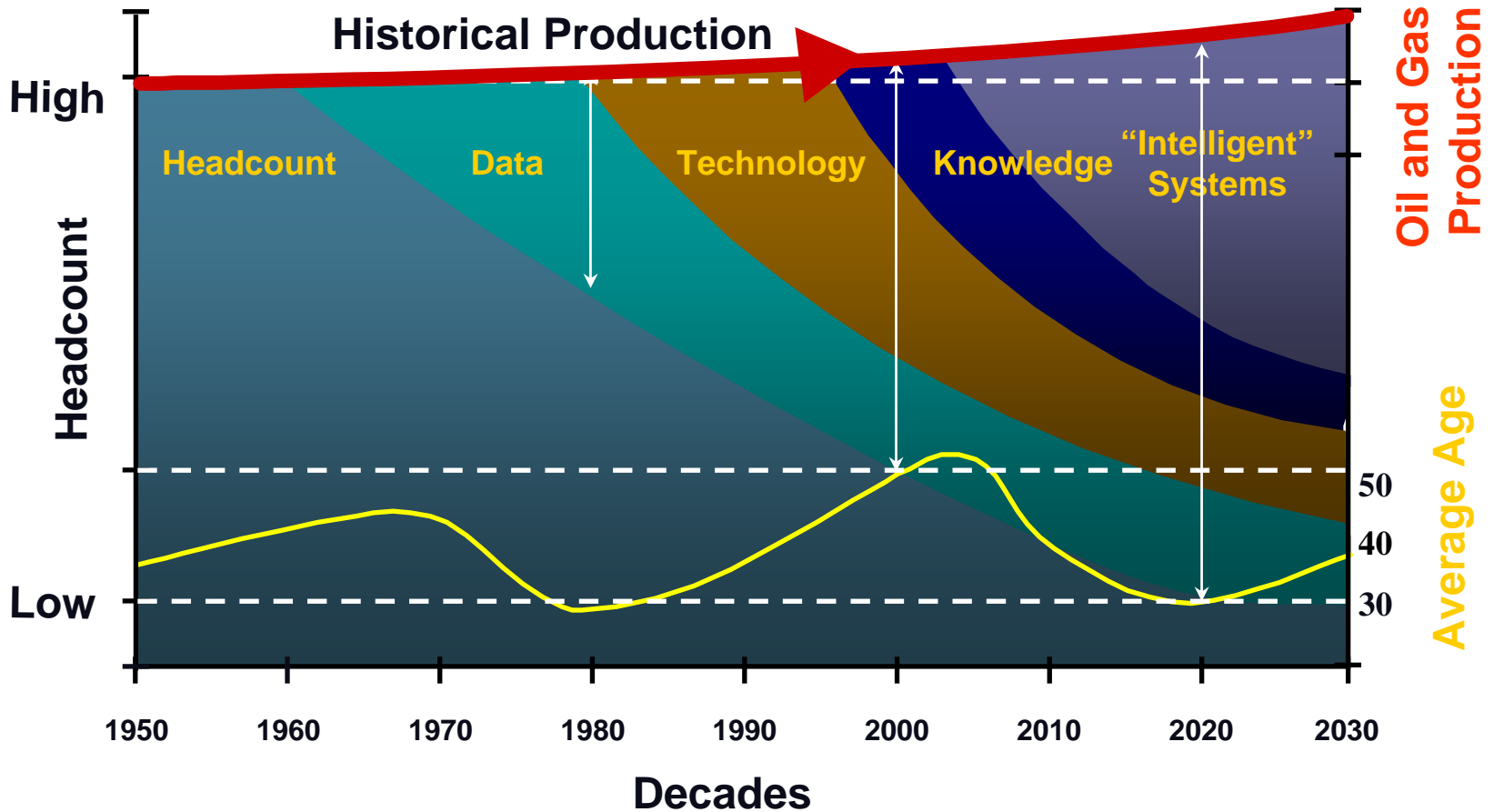
Industry Population by Age Group



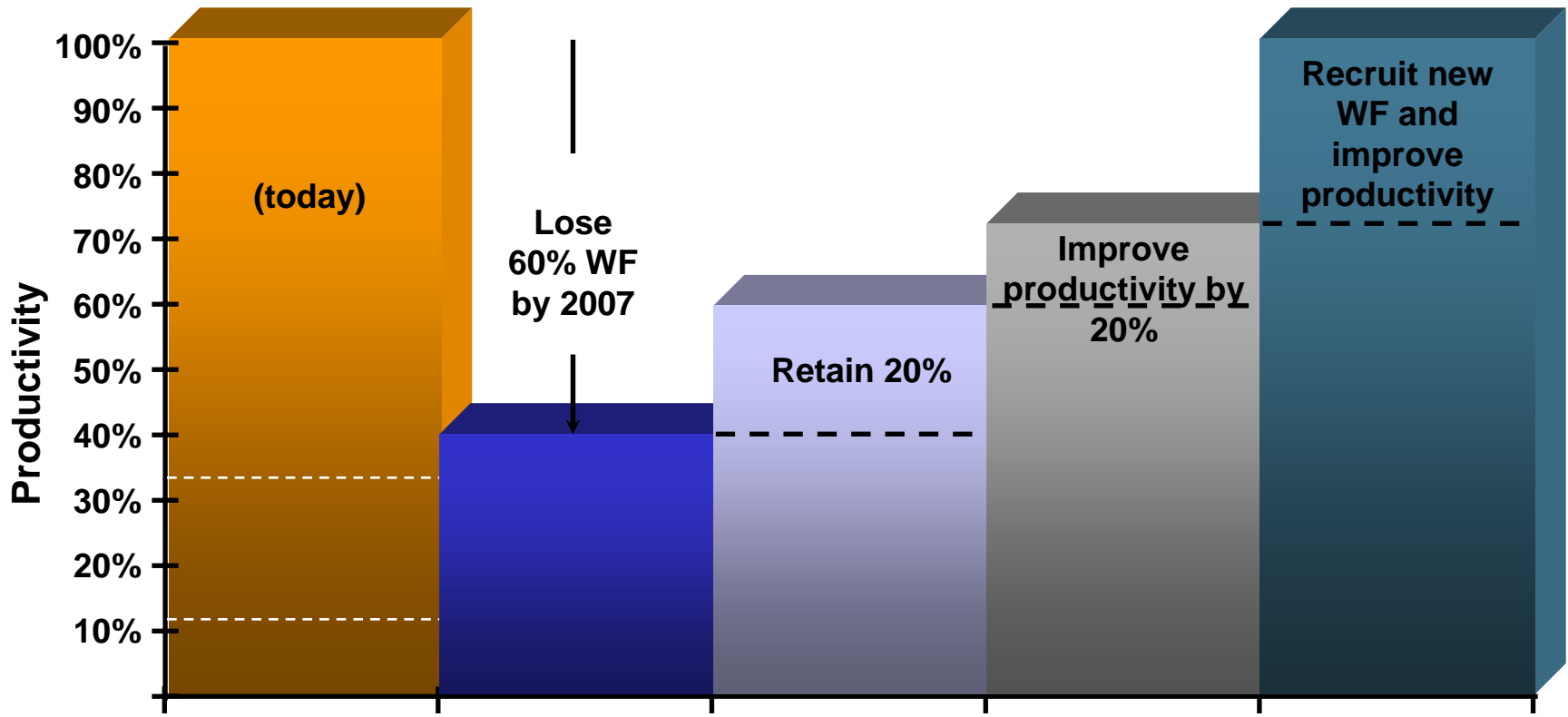
Numbers and Systems by Decade















Numbers and Systems By Decade



People and Productivity



SEMP Audit Protocols that need to be addressed

| SEMP Protocol | Documentation Trail |
|--|---|
| 1. Leadership & Commitment |  |
| 2. Safety & Information Environmental |  |
| 3. Hazards Analysis |  |
| 4. Management of Change |  |
| 5. Operating Procedures |  |
| 6. Safe Work Practices |  |
| 7. Training |  |
| 8. Assurance of Quality & Mechanical Integrity |  |
| 9. Pre-Startup Review |  |
| 10. Emergency Response & Control |  |
| 11. Investigation of Incidents |  |
| 12. Audit of Safety & Environmental Elements |  |

Statement of DOT to Congress

- “As overseers of the nation's 2.1 million miles of pipelines, we hold the people's trust to ensure that vital energy resources will be delivered safely and securely. We execute this mission through a number of statutory charges. We are charged with setting standards for the design, construction, testing, operation, maintenance and repair of pipelines. We are charged with ensuring the qualification of personnel who perform pipeline safety responsibilities. We are charged with responding to emergencies when pipeline systems fail. And we are charged to enforce the law, when standards are not followed. We take our job very seriously and I assure you, we are on the job. “ – Ellen G. Engleman



Ideal Corporate Characteristics

Visionary Management outlook

- **Top to bottom compliance and safety mantra**
- **Committed to excellence in performance based evaluations and accountability**
- **Driven to remain efficient, safe, and consistent**
- **Strong desire to do the right thing**
- **Cognizant and focused on responsibility to environment and the community**
- **Values and supports Personnel**

Safety and Compliance Lessons Learned

- **Body count & Skill level down**
- **The Regulatory Depth of Requirement is up**
- **Some companies view Compliance Regulation as an obstacle = multiple problems**
- **The populace wants more Regulation and better service all Companies want reduced costs**
- **Companies are seeking solutions**
- **Web-based tools are “proven solutions”**