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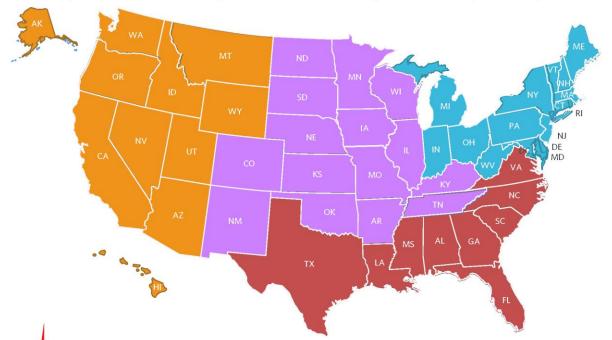
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"For a company to perform well as an organization, it needs healthy people, and the fewer healthy people you have, the worse your business outcome."

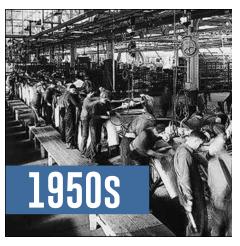
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EMPLOYER INVOLVEMENT IN EMPLOYEE HEALTH



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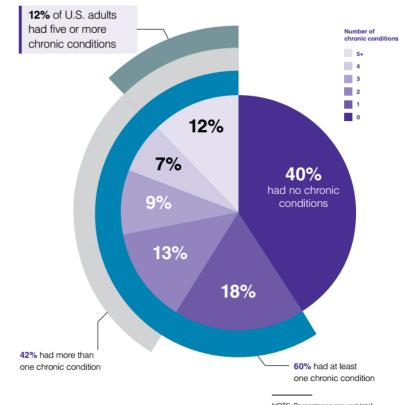




HOW HEALTHY IS AMERICA'S WORKFORCE?

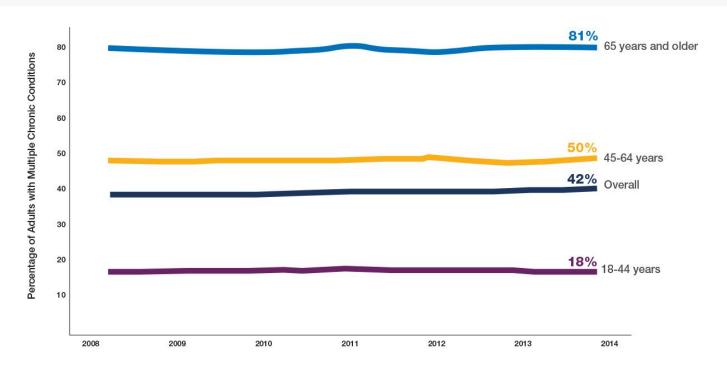
- Healthcare \$3.8T (17.9% GDP)¹
- Most employer health costs support chronic health conditions.²
- Most prevalent jobsite illnesses:¹
 - Hypertension
 - Cardiovascular disease
 - Diabetes
 - Chronic pain

PREVALENCE OF CHRONIC HEALTH CONDITIONS



NOTE: Percentages may not total 100 because of rounding.

NUMBER OF CHRONIC HEALTH CONDITIONS RISES WITH EMPLOYEE AGE



UNDERSTANDING RISK FACTORS

- Chronic disease mechanisms start early
- Signs and symptoms delayed until adulthood
- One-in-three workers has an undiagnosed condition
- Risk factor determination
 - Modifiable (environment, behavior)
 - Nonmodifiable (DNA, hereditary mutations)
- Impact of risk factors variable



WORKER SAFETY MODEL

WORKER DEATHS

-63%

WORKER INJURIES

-74%

RISK FACTORS

RISK FACTORS

- Physical inactivity
- Obesity

BIG TICKET ITEMS

\$ 66B

\$214B

\$190B

\$ 87B

THE ECONOMICS OF A HEALTHY WORKPLACE



EMPLOYER DRIVERS

- Altruism
- Social responsibility
- Recruitment and retention
- Enhance reputation
- Control healthcare costs





PRIMARY COSTS OF AN UNHEALTHY WORKFORCE

- Absenteeism
- Employee turnover
- Lost productivity
- ADA accommodations
- Premature death
- Recruiting and training replacements

REWARDS OF A HEALTHY WORKFORCE



BALANCE SHEET

- Lifestyle management
- Profitable results take time
- Financial gains difficult to measure
- Patience is required
- More research needed

CALCULATING THE GENUINE ROI

- Wellness stimulates prosperity
- Healthy employees can have more money to spend on other things
- Benefits ripple through the economy
- Trust your common sense



THE BEAUTY OF BIG NUMBERS

\$10 Billion

START BY TAKING SMALL STEPS

- Make it a good fit
- Tailor to your needs
- Target 'big ticket' items
- Track current healthcare expenses
- Use disease management resources
- Lifestyle management initiatives

EMPLOYEE VS. EMPLOYEE?

Disease Management Lifestyle Management

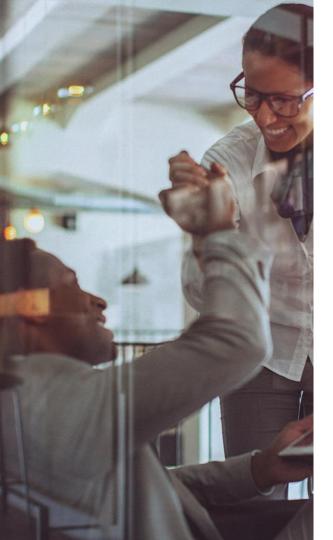


EMPLOYEE ENGAGEMENT



ESTABLISHING BUY-IN

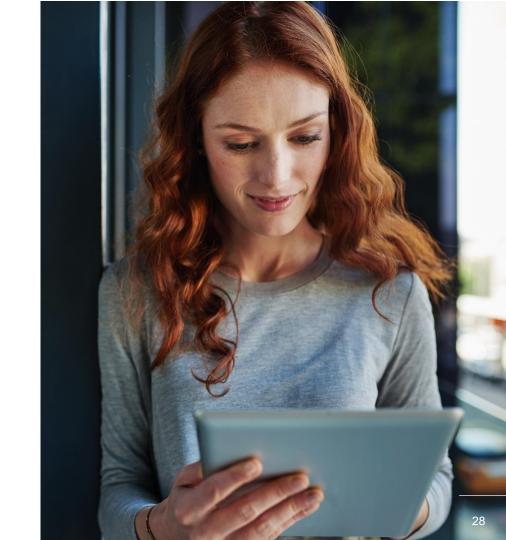
- Invest resources
- Committed leadership
- Acknowledge skepticism
- Focus on better living
- Communications
- Managerial support



INCENTIVES & INVESTMENT

- Employer goals
 - Individual participation
 - Desired health status
 - Achieved improvements
- Positive gains boost overall success
- · Incentive costs rising
- Influential leaders can trim these costs

REVIEW OF SCIENTIFIC EVIDENCE



ADVOCATES AND CRITICS DISAGREE

- Results hard to measure
- Different datasets
- Lifestyle vs. disease management
- Initiative quality?
- Research bias
- Flaws in study methodology



WHAT WE KNOW

- Better workplace wellness programs work
- Risk factors favorably impacted
- Favorable changes, even small ones, can make a big difference
- Employees at highest risk benefit most
- Set clear, reasonable goals
- Comprehensive programs fare best

SUCCESS STORY

- 2009: 28.2% cost reductions¹
- J&J Live for Life program
- Reduced growth in healthcare expenditures²
 - \$1.88 **-** \$3.92 ROI
 - Transparent bookkeeping
- Similar models elsewhere posted comparable results

Health Affairs. "Recent experience in health promotion at Johnson & Johnson: lower health spending, strong return on investment." 2011
 JOEM. "Do workplace health promotion (wellness) programs work?" 2014



DISPUTED DATA: WHO PAYS?



EMPLOYER PERSPECTIVE

- Healthier employees
- Positive attitudes
- Fewer medications
- Fewer sick days
- Shorter hospitalizations



SOLID FOUNDATION

- Best practices
- Committed leadership
- Education
- Communications
- Identify health risks
- Incentives
- Expert consultation





SIZE MATTERS

- Go organic
- Management participation
- Go live or go home
- Face-to face interactions
- Consistent, caring policies

VALUABLE RESOURCE



transamericacenterforhealthstudies.org

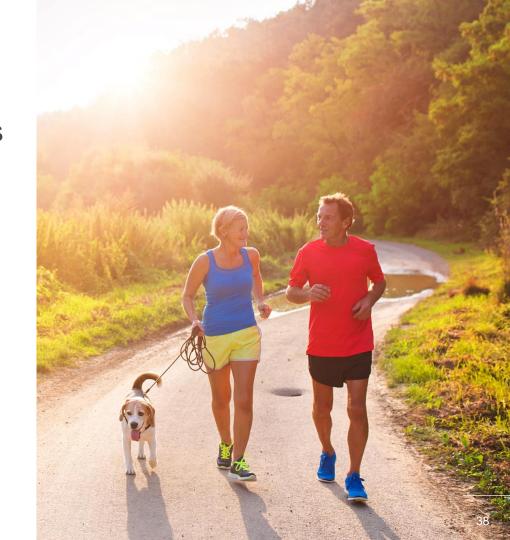


LESSONS LEARNED

- Health assessments
- Health screenings
- Increased physical activity
- Elevated nutrition
- Smoking cessation

ALMOST THERE!

- Good health is good business
- Health costs will continue to rise
- Reduce health expenditures by improving workforce wellness
- Target modifiable risk factors
- Solid supportive research



SUMMARY & CONCLUSIONS

- Enormous challenges
- Take the first step
- Combine lifestyle and disease management initiatives
- Adopt best practices
- Leverage the power of big numbers
- Small improvements, applied globally, can generate financial and societal rewards



