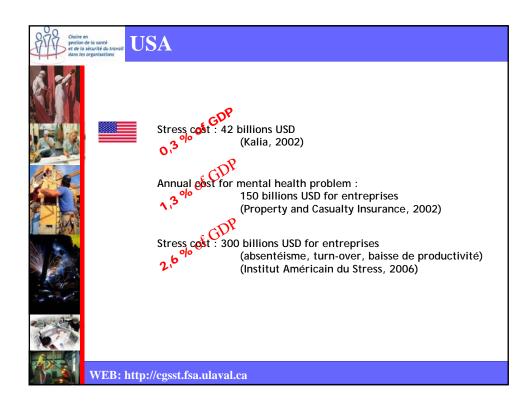
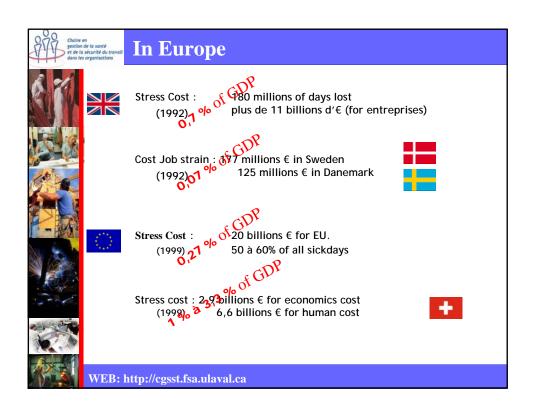
Work-related stress: scientific evidence-base of risk factors, prevention and costs

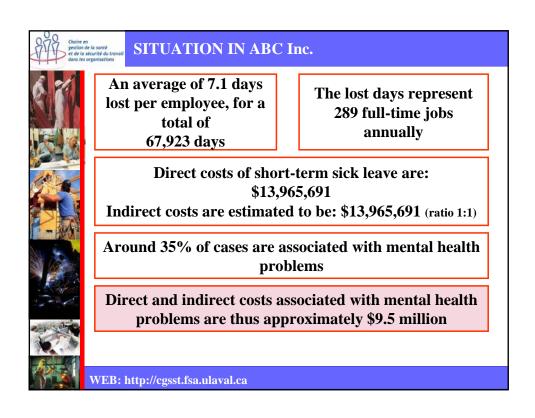
JEAN-PIERRE BRUN

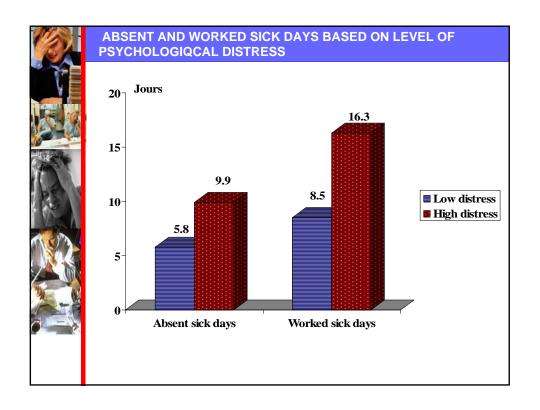
PROFESSOR
DIRECTOR CHAIR ON OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT













Main Organizational Changes

- Increase in shift work (22%), night (18%) and weekend work (25%)
- Increase in part-time work (16%) and overtime (20%)
- Working very fast 55% (1977) to 68% (1997) (Theorell 1999)
- Never having enough time to finish work 40% (1977) to 60% (1997) (Theorell 1999)
- General intensification of work (fast pace, short delays, constant changes)



Organizational Risk Factors

- ✓ Demands relating to tasks and roles
- ✓ Degree of involvement in decision making
- ✓ Employee recognition
- ✓ Decision-making autonomy
- Relationships
- Environment and physical working conditions
- ✓ Work schedules



Chaire en gestion de la santé et de la sécurité du tra dans les organisations

SCIENTIFIC EVIDENCE



- Great decision-making power reduces rates of absences and turnover (Bond and Bunce, 2001; Bond, Griffin, 1991; Wahlstedt and Edling, 1997).
- Decision-making power increases level of performance and job satisfaction and reduces financial losses (Bond and Bunce, 2001; McFadden and Demetriou, 1993; Wall et al., 1992).



SCIENTIFIC EVIDENCE



 Lack of decision-making latitude and recognition increases the risk of cardiovascular diseases (Karasek, 1990, Marmot et al., 1997, Siegrist, 1996)

 A clearly defined role decreases absenteeism and lateness (Kammeyer-Mueller and Wanberg, 2003).

WEB: http://cgsst.fsa.ulaval.ca



SCIENTIFIC EVIDENCE



- Low workplace support increases the rate of absence (Melchior et *al.*, 2003; Niedhammer *et al.*, 1998; North *et al.*, 1996; Vahtera *et al.*, 2000).
- High support at work decreases the intentions to quit job (Brough and Frame, 2004; Houkes et al., 2003; Rhoades et Eisenberger, 2002)



SCIENTIFIC EVIDENCE



• Abusive supervision is associated with an increase in absenteeism (Tepper *et al.*, 2001).

• High presence of interpersonal conflicts within a work team is associated with a reduction in performance (De Dreu and Weingart, 2003).

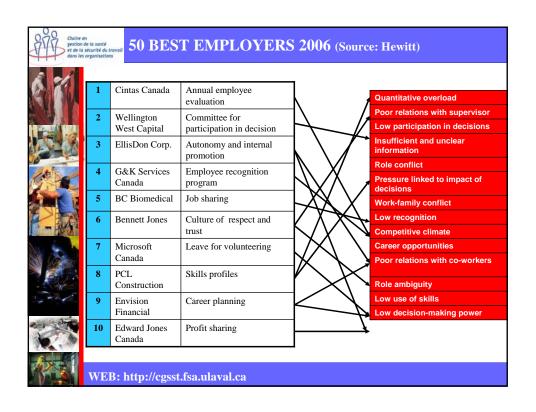
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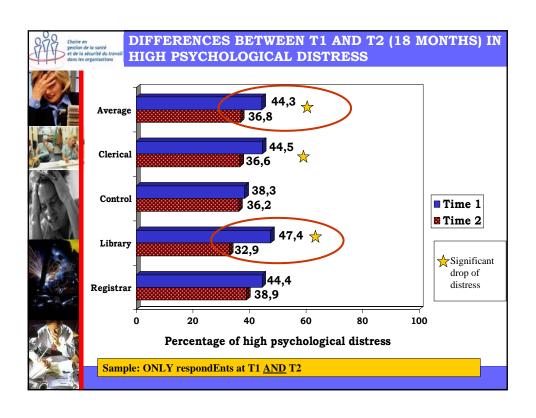


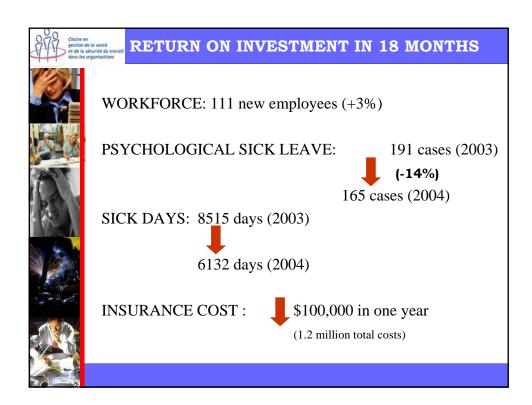
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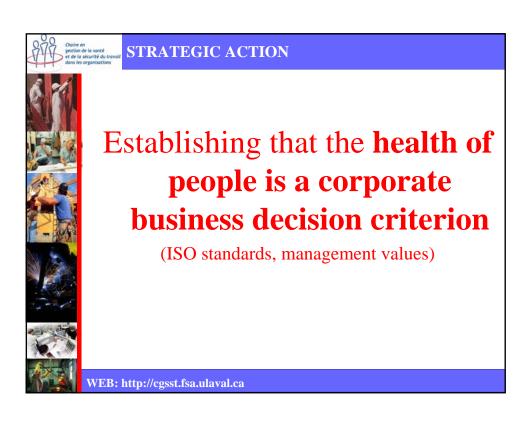


- The manager-subordinate relationship is the most commonly reported cause of stress (e.g. Tepper, 2000; Curphy and Hogan, 1994)
- Manager behaviour can have a significant impact on health outcomes of subordinates (e.g. Gilbreath and Benson, 2004; Offermann and Hellmann, 1996)













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