

# **Economic Burden of Musculoskeletal Diseases in Canada**

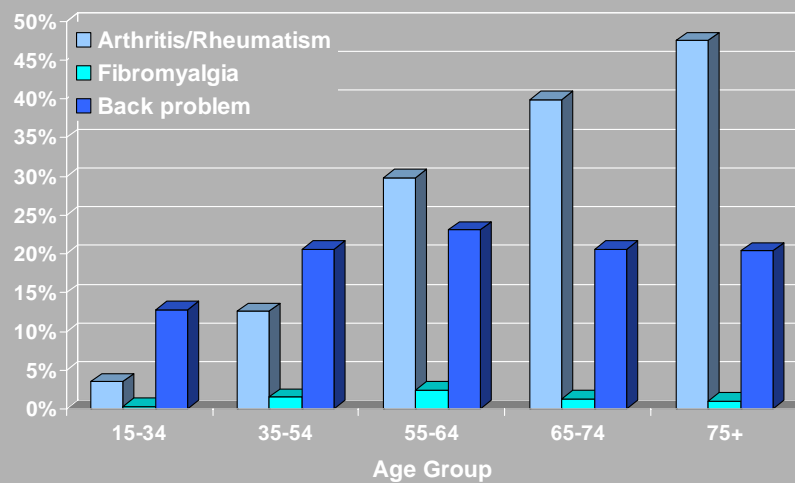
# **Fact Sheet**

Cette présentation a été effectuée le 23 octobre 2006, au cours du symposium "Prévenir l'incapacité au travail : un symposium pour favoriser l'action concertée" dans le cadre des Journées annuelles de santé publique (JASP) 2006. L'ensemble des présentations est disponible sur le site Web des JASP, à l'adresse <http://www.inspq.qc.ca/jasp>.

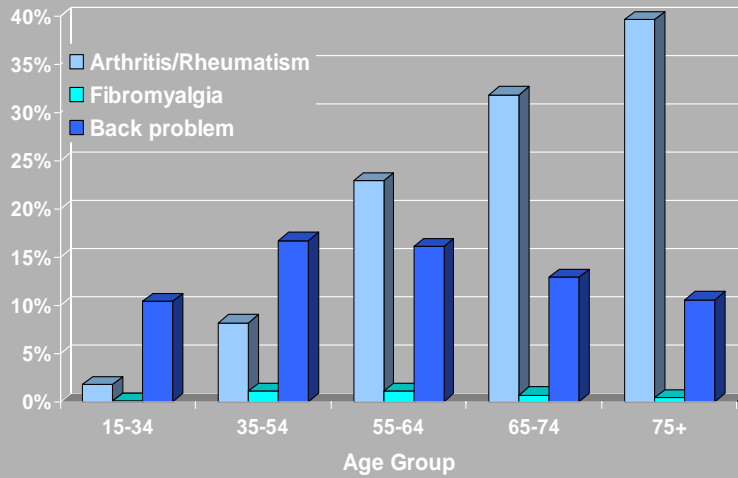
## Fact Sheet

- *MSK has the higher prevalence of all chronic diseases;*
- *MSK disorders are increasing as our population ages;*
- *MSK in Quebec is less prevalent;*
- *MSK conditions are in the top ten leading causes of YLD's in Canada, 2003*

### Prevalence of specific MSK conditions Canada 2001

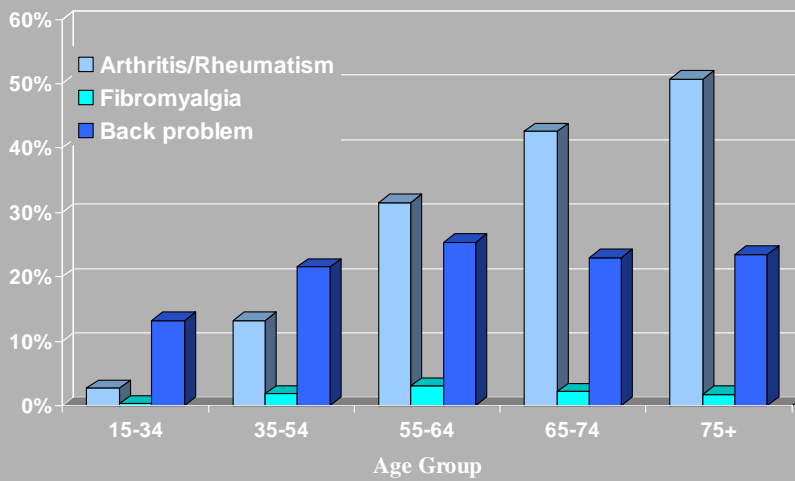


## Prevalence of specific MSK conditions Québec 2001

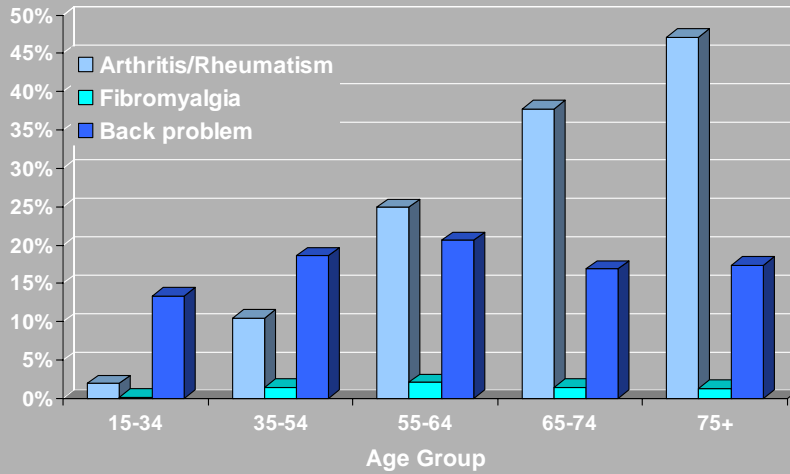


Source: CCHS 2001

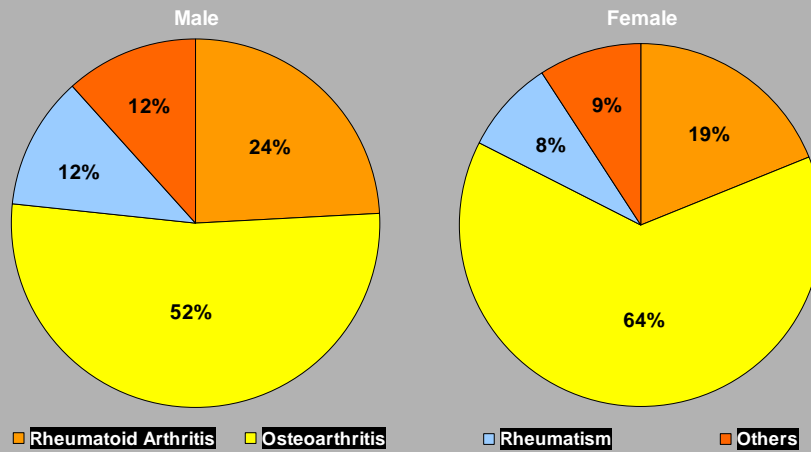
## Prevalence of specific MSK conditions Canada 2005



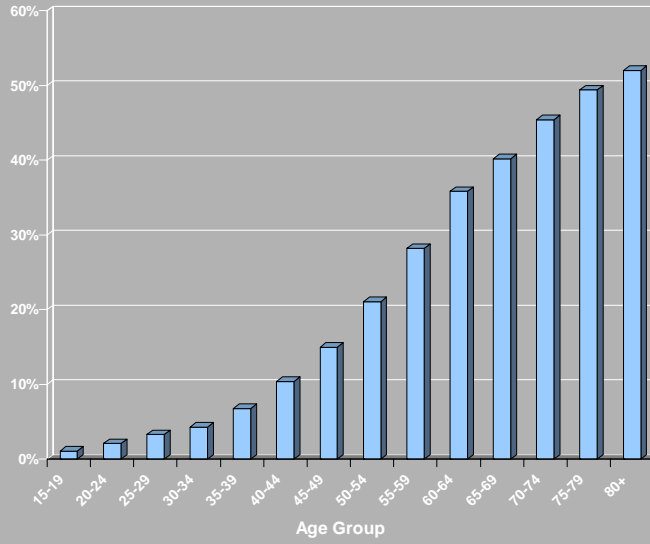
## Prevalence of specific MSK conditions Québec 2005



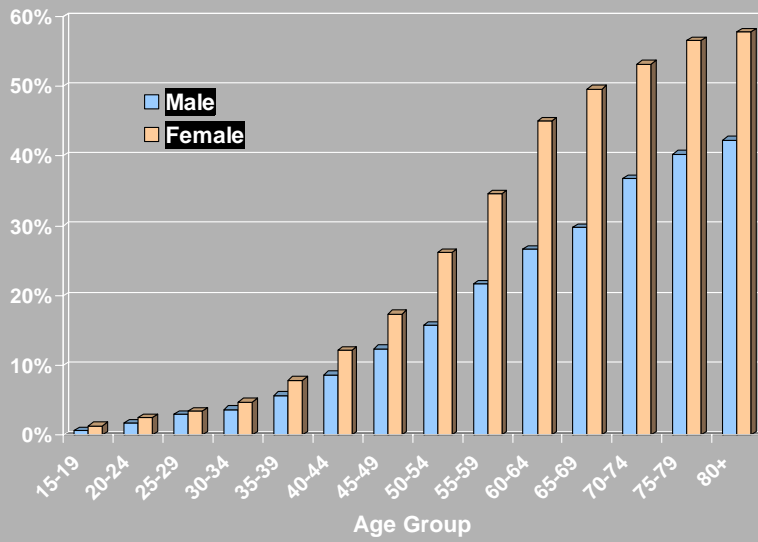
## Prevalence of specific MSK conditions, by sex, Canada 2005

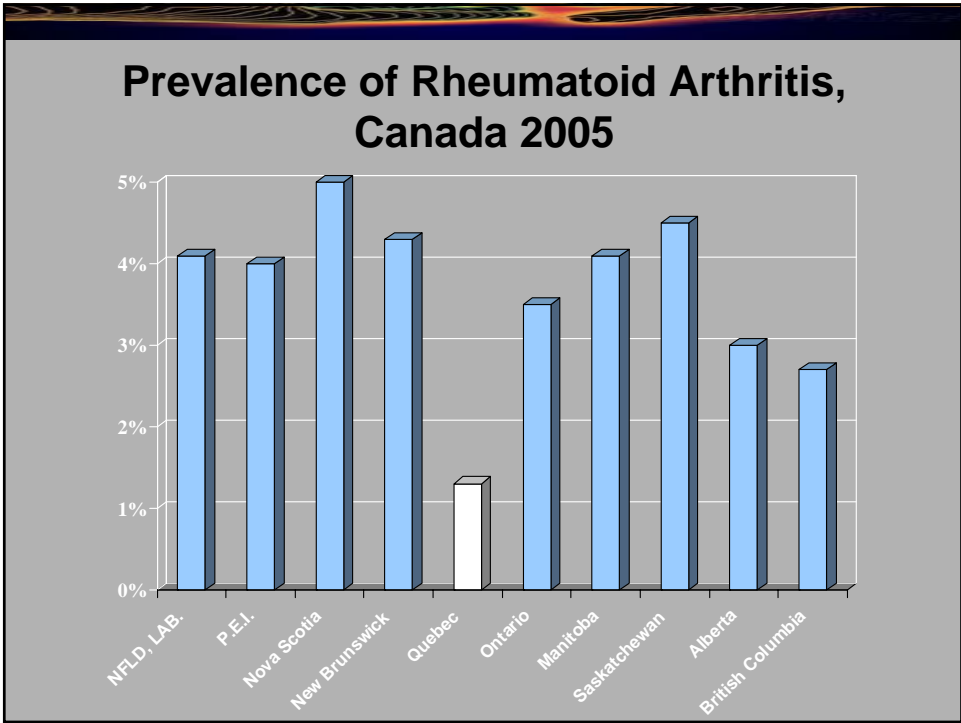
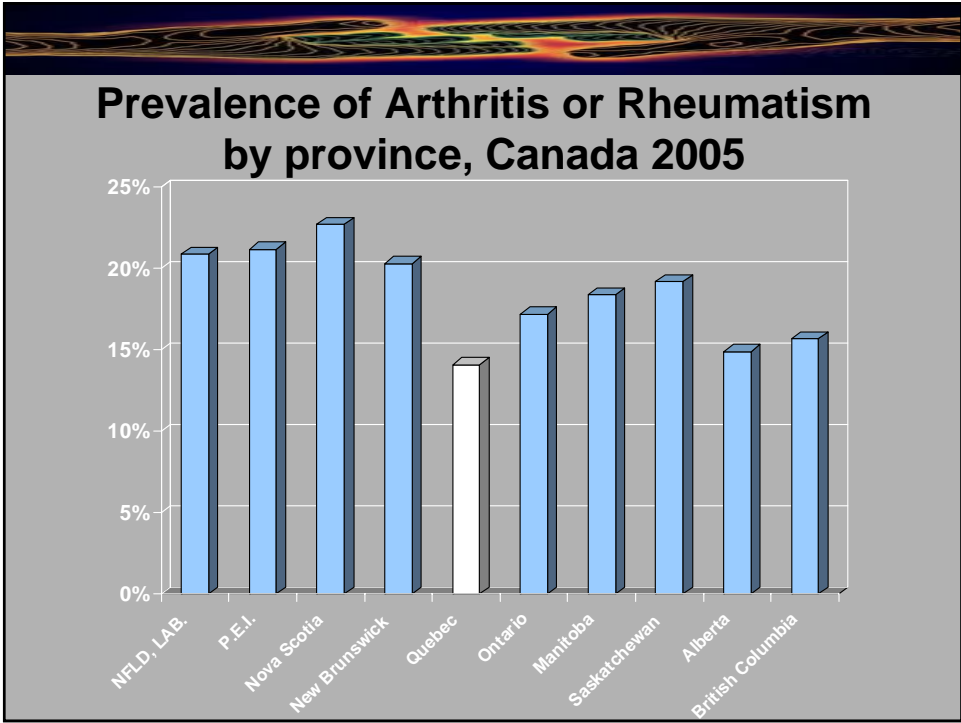


## Prevalence of Arthritis or Rheumatism by age, Canada 2005

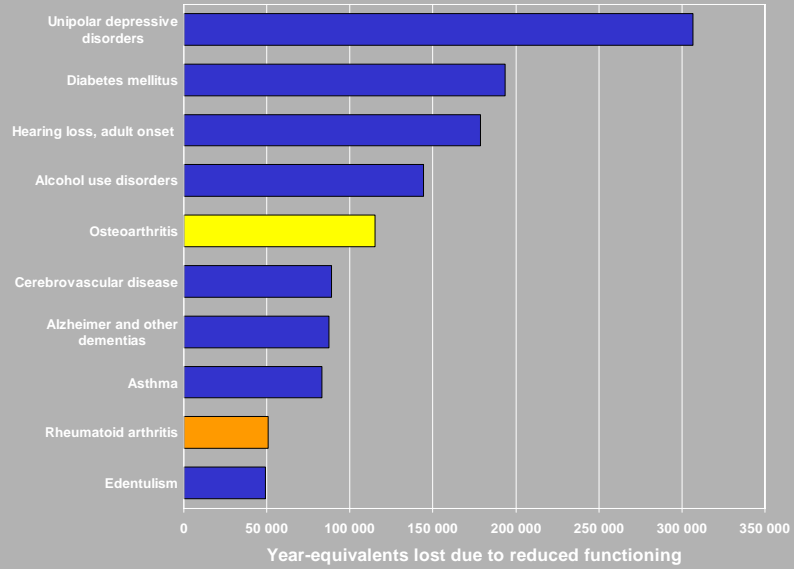


## Prevalence of Arthritis or Rheumatism by age and sex, Canada 2005

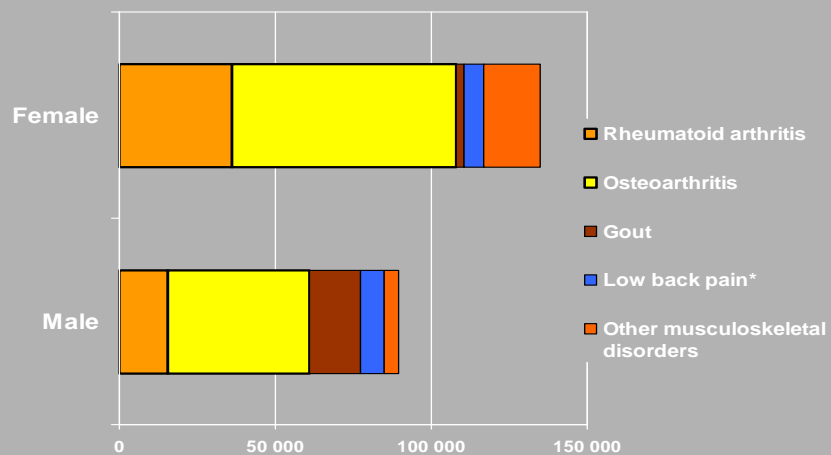




## Ten major diseases reducing functioning, Canada 2002

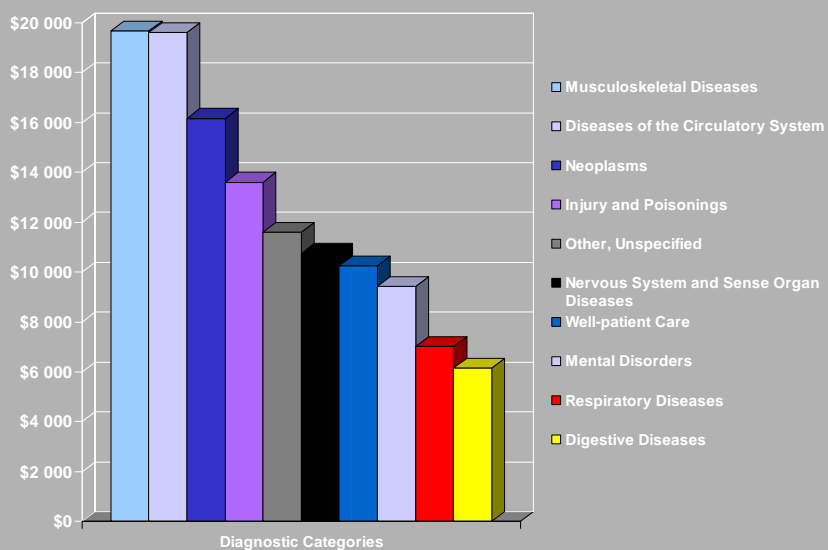


## YLD of specified MSK conditions by sex, Canada 2003



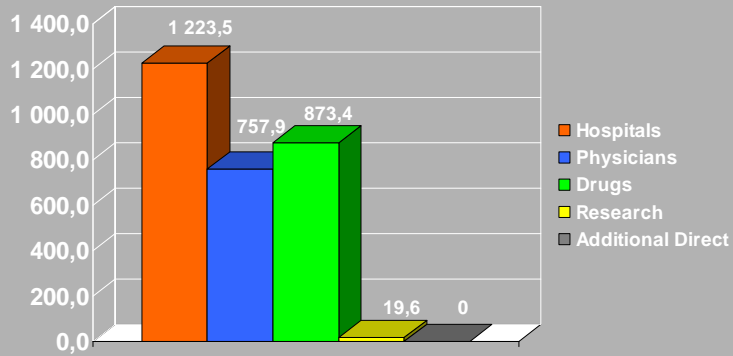
# Economic Impact

**Top 10 Economic Burden of Illness  
in Canada, 2000 (in millions)**

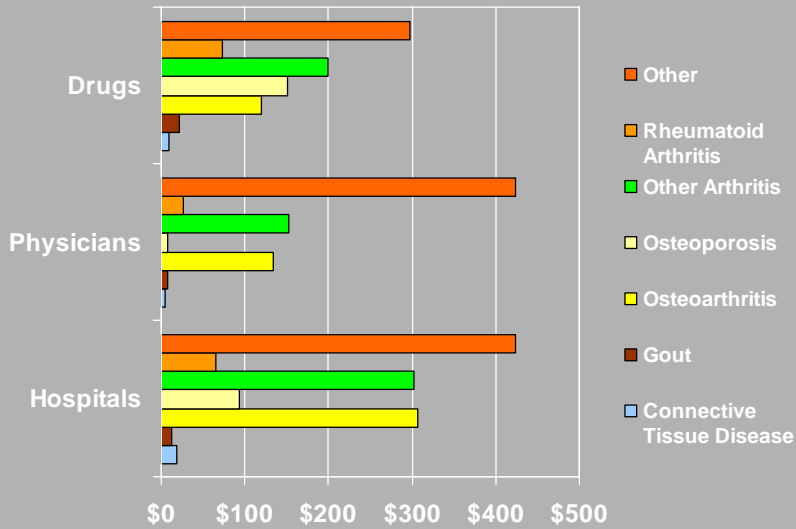




### Direct Cost of MSK by Cost Component, in Canada 2000 (in millions)

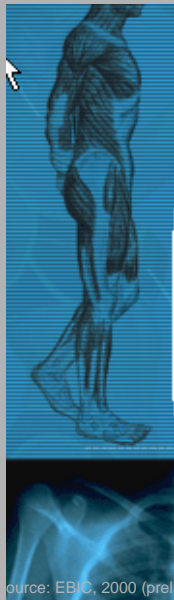
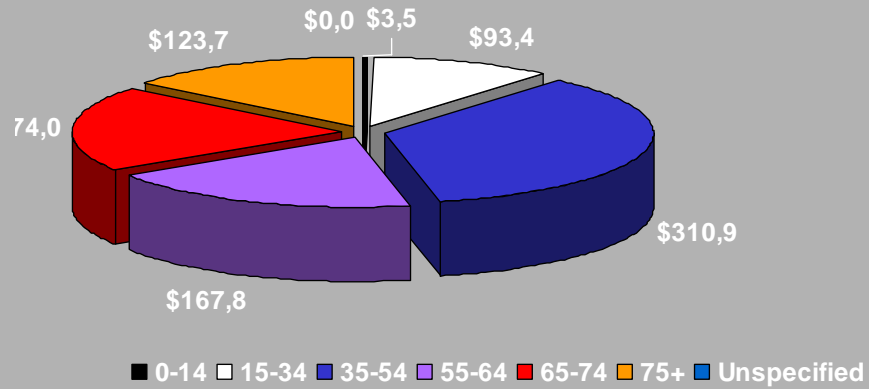


### Direct Cost of Specified MSK Conditions, Canada 2000 (in millions)

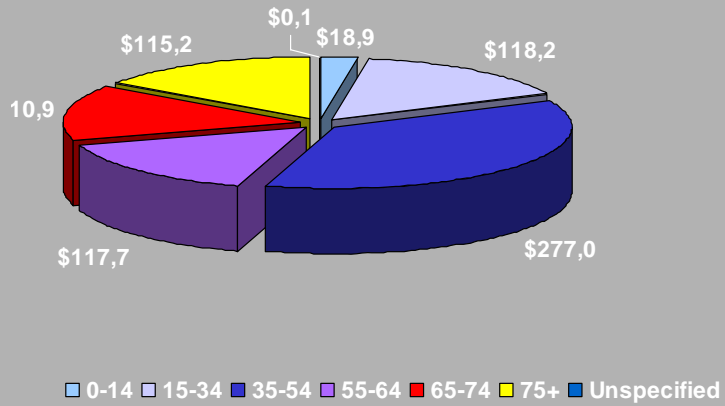




### Drug Cost for MSK by Age Group, Canada 2000 (in millions)

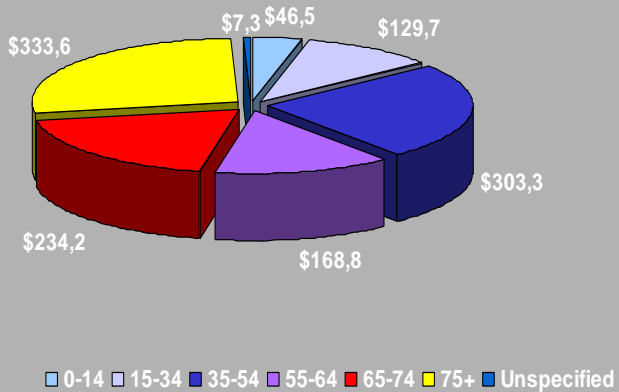


### Physician Cost for MSK by Age Group, Canada 2000 (in millions)

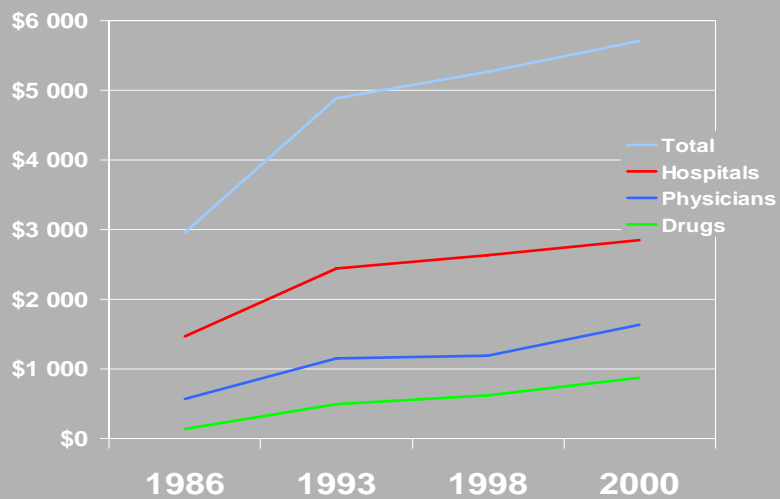


source: EBIC, 2000 (prel

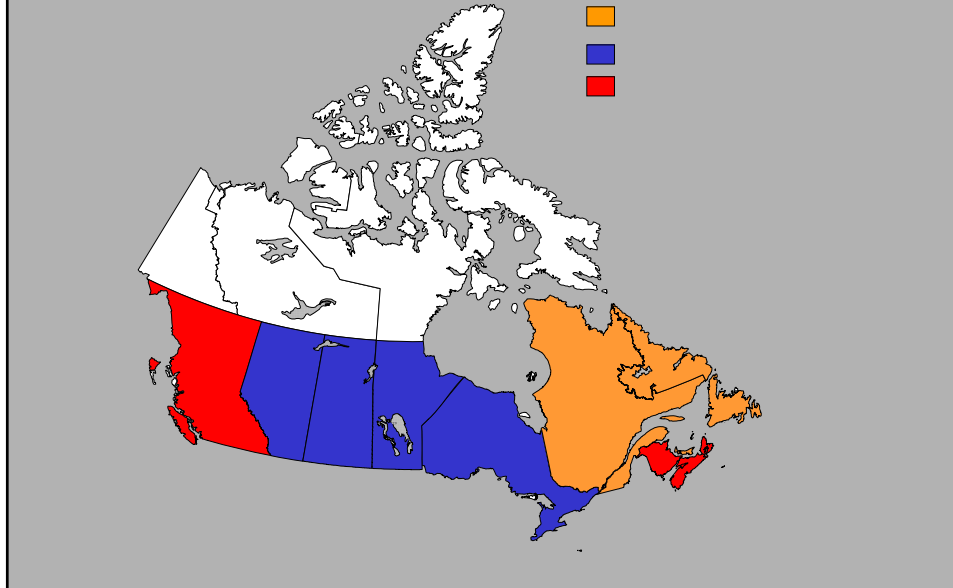
## Hospital Cost for MSK by Age Group, Canada 2000 (in millions)



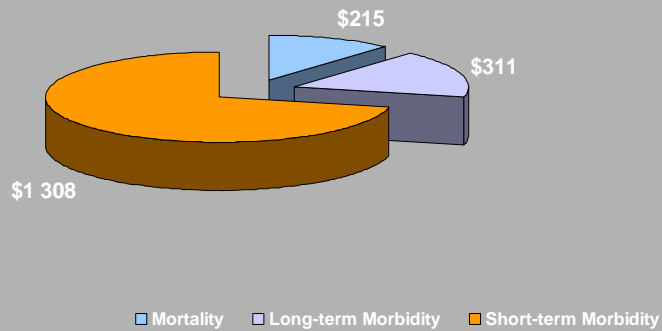
## Total Direct Cost for MSK, from 1986 to 2000 Canada (in millions, 2000)



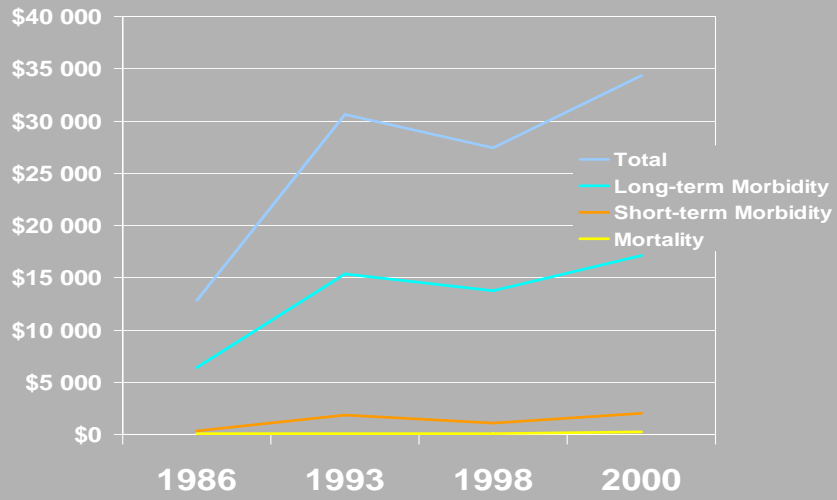
### Direct Cost for MKS, *per capita*, Canada 2000



### Total Indirect Cost for MSK by Component, Canada 2000 (in millions)



### Indirect Cost for MSK, from 1986 to 2000, Canada (in millions 2000)



### Conclusion

## **Economic Impacts**

- **MSK account for 14% of the economic burden of illness in Canada, 2000;**
- **MSK's economic burden is now first before cardiovascular illnesses;**
- **MSK's indirect cost is six times the direct cost, in Canada;**
- **MSK's total cost is \$700 per Canadian.**

**Thank you!**