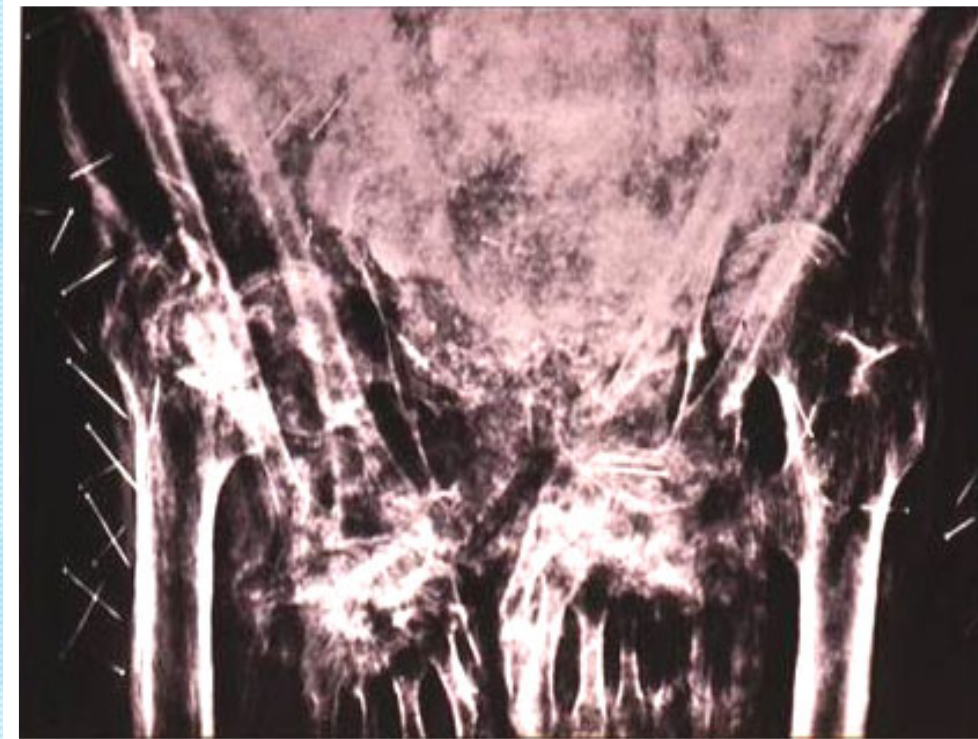


Osteoporosis is an ancient disease



**X-ray of Egyptian mummy,
c. 5000 B.C. showing osteoporosis**

With courtesy of Ghassan Maalouf

But osteoporosis has only recently been defined

**"A disease characterized by low bone mass
and micro-architectural deterioration of bone
tissue, leading to enhanced bone fragility
and a consequent increase in fracture risk."**



**WHO definition, 1994,
the first time osteoporosis had a clinical definition**

WHO Technical Report Series

843

**ASSESSMENT OF FRACTURE RISK
AND ITS APPLICATION TO
SCREENING FOR POSTMENOPAUSAL
OSTEOPOROSIS**

Report of a
WHO Study Group



World Health Organization
Geneva

Diagnosis of Osteoporosis T-score < -2.5

**A new EBM
project on risk
assessment of
Osteoporosis is
almost finished**

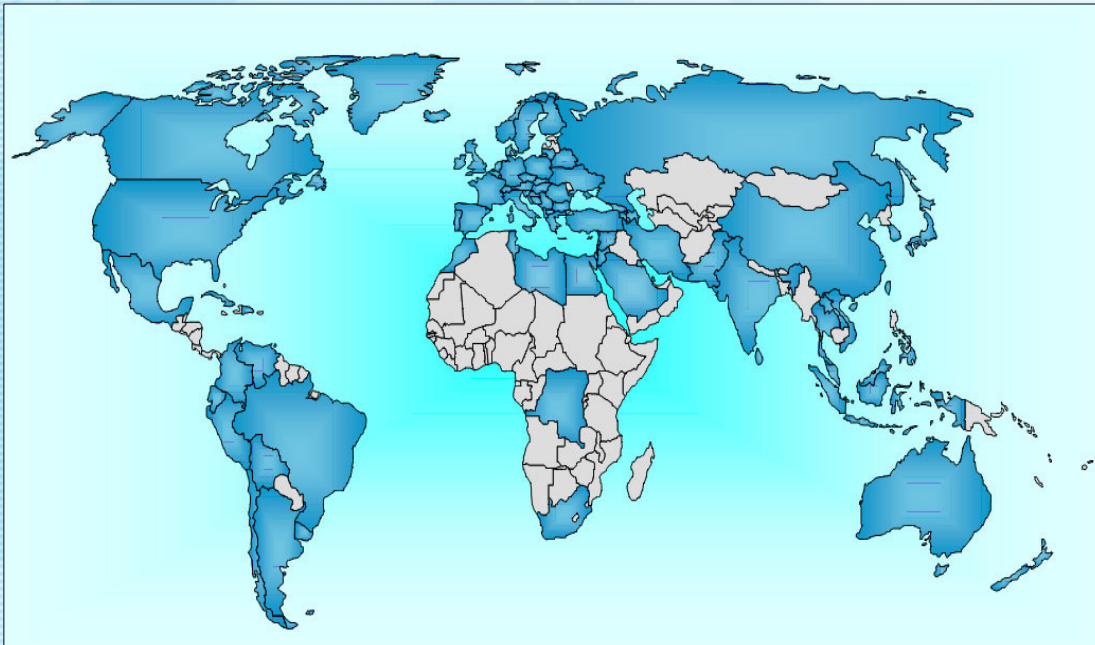


The role of IOF

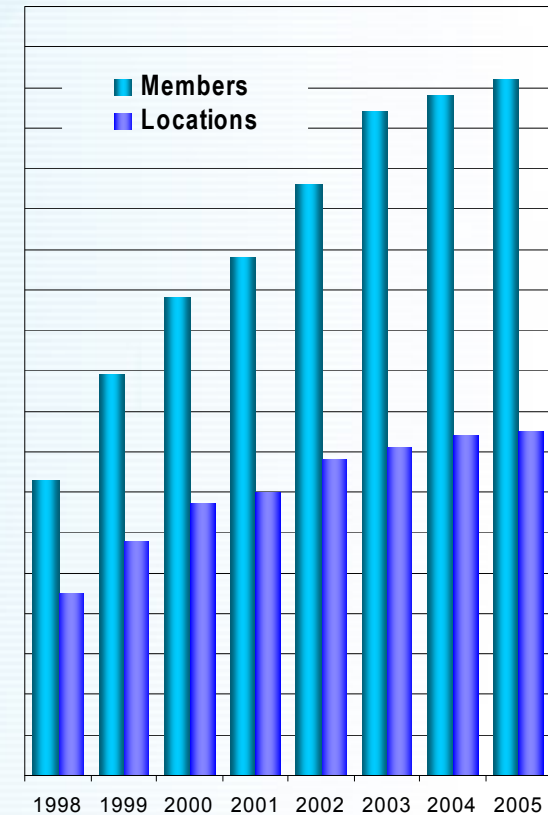


International
Osteoporosis
Foundation

IOF members of CNS Committee of National Societies



172 members in 85 locations
(November 2005)



Membership status



Key new global activities

Program area 1



Science

Program area 2



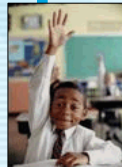
The IOF family

Program area 3



Promoting policy changes

Program area 4



Outreach and education

Program area 5



Administration and finance

Programme Area 1

Science

Projects:

Socio economic projects

Health economy model

Quality of life in Europe

Qualeffo

ICAROS – EQ5D to fracture patients in Europe

Osteoporosis in Men- EU project NEMO

Osteoporosis in Children

Genetics

Vertebral fractures in Latin America

EU consulting panel- EU grant

Requirement of resources in Europe

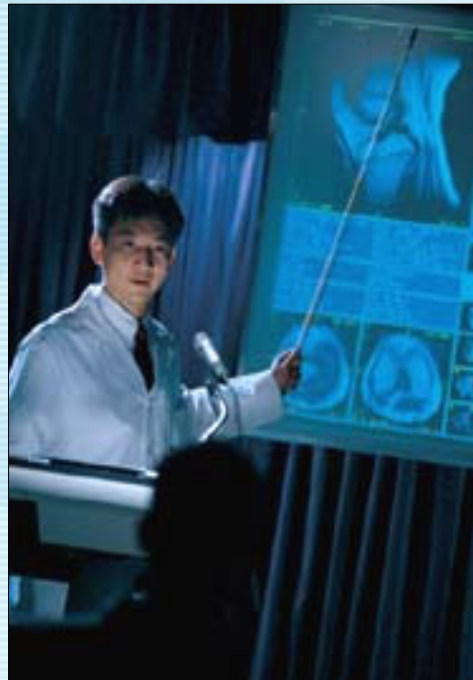
Physician and healthcare workers training

WHO project for GP

Regional courses

BMD training courses

Specific projects



Evolution of World Osteoporosis Day Three year lifestyle campaign



2001
Young people



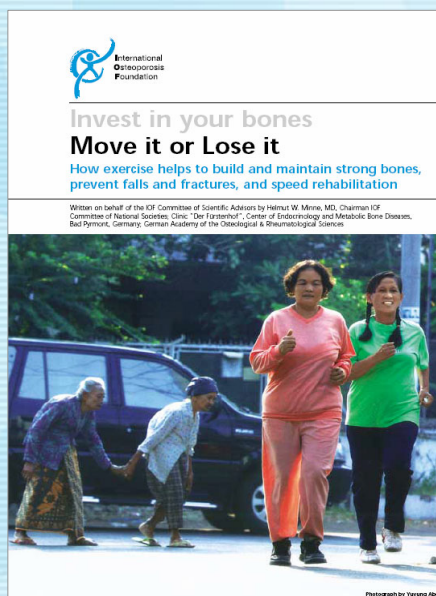
2002
Workplace



2003
Quality of life



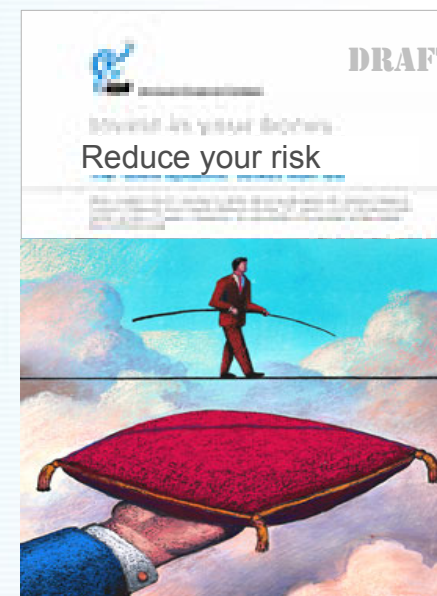
2004
Osteo. in men



2005 – Exercise
Move it or lose it



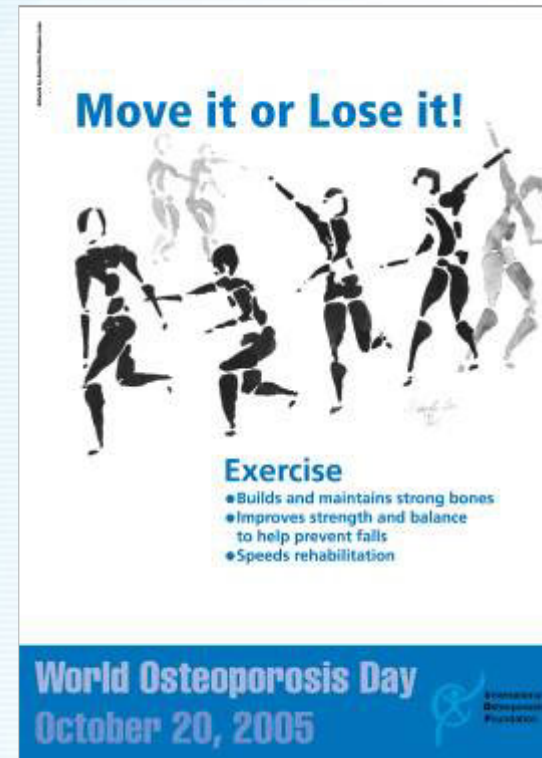
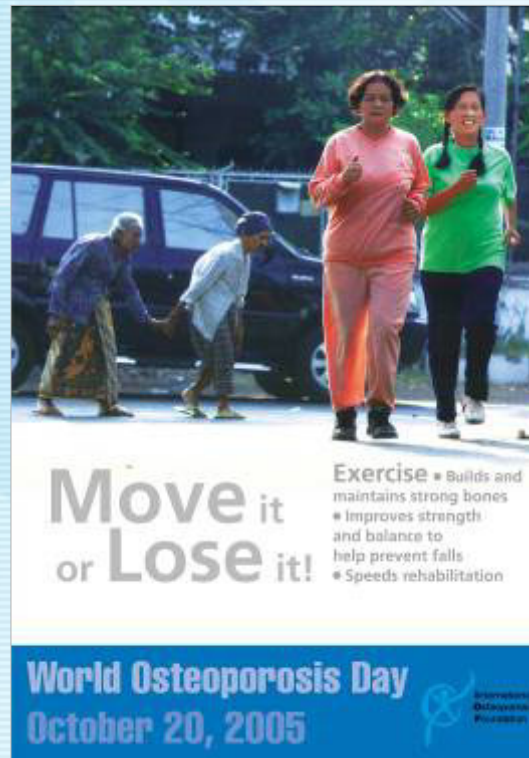
2006 – Food
Bone Appétit



2007
Reduce your risk

World Osteoporosis Day 2005

“Move it or lose it”



3 posters

IOF website

- Re-design
- Regional sites for Latin America and Middle East
- Society news

IOF MIDDLE EAST AND NORTH AFRICA
Regional Website of the International Osteoporosis Foundation Middle East and North Africa

Take the One Minute Osteoporosis Risk Test
اخضع لإختبار مخاطر ترقق العظم في دقيقة واحدة

Osteoporosis is a serious and growing epidemic in the Middle East and North Africa. To find out more about osteoporosis contact an osteoporosis society in your country.

Map labels: Morocco, Tunisia, Lebanon, Syria, Palestine, Jordan, Kuwait, Saudi Arabia, Bahrain, Iran, Libya, Egypt, Iraq, Kuwait.

Click here for contacts to other IOF member societies

Osteo News
LATEST NEWS

IOF LATINOAMERICA
El Sitio Web Regional de la Fundación Internacional de Osteoporosis en Latinoamérica

Está usted en riesgo de padecer osteoporosis?
Conteste el Cuestionario de Factores de Riesgo en un Minuto

La Osteoporosis es una seria y creciente epidemia en Latinoamérica.

Para conocer más sobre la Osteoporosis, contacte las Sociedades de Osteoporosis en su país:

Map labels: Mexico, Cuba, Dom. Rep., Puerto Rico, Colombia, Venezuela, Costa Rica, Panama, Ecuador, Peru, Bolivia, Brazil, Chile, Uruguay, Argentina.

Argentina, Bolivia, Brasil, Chile, Colombia, Costa Rica, Cuba, República Dominicana, Ecuador, México, Panamá, Perú, Puerto Rico, Uruguay, Venezuela.

Web design and programming by gashii.ch

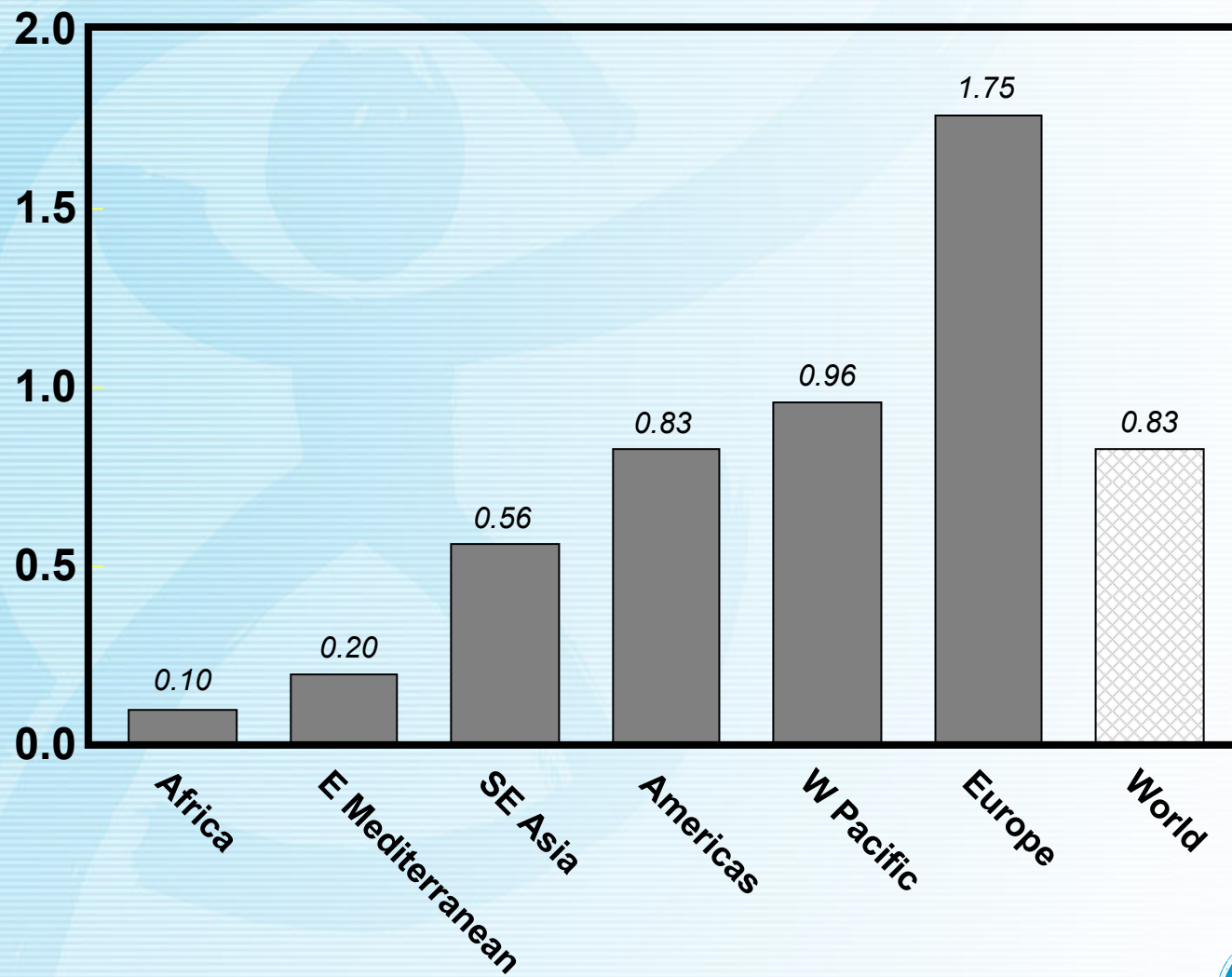
WHO Health Academy

- **For Children**
- **For Women**
- **For Men**
- **Health care workers**



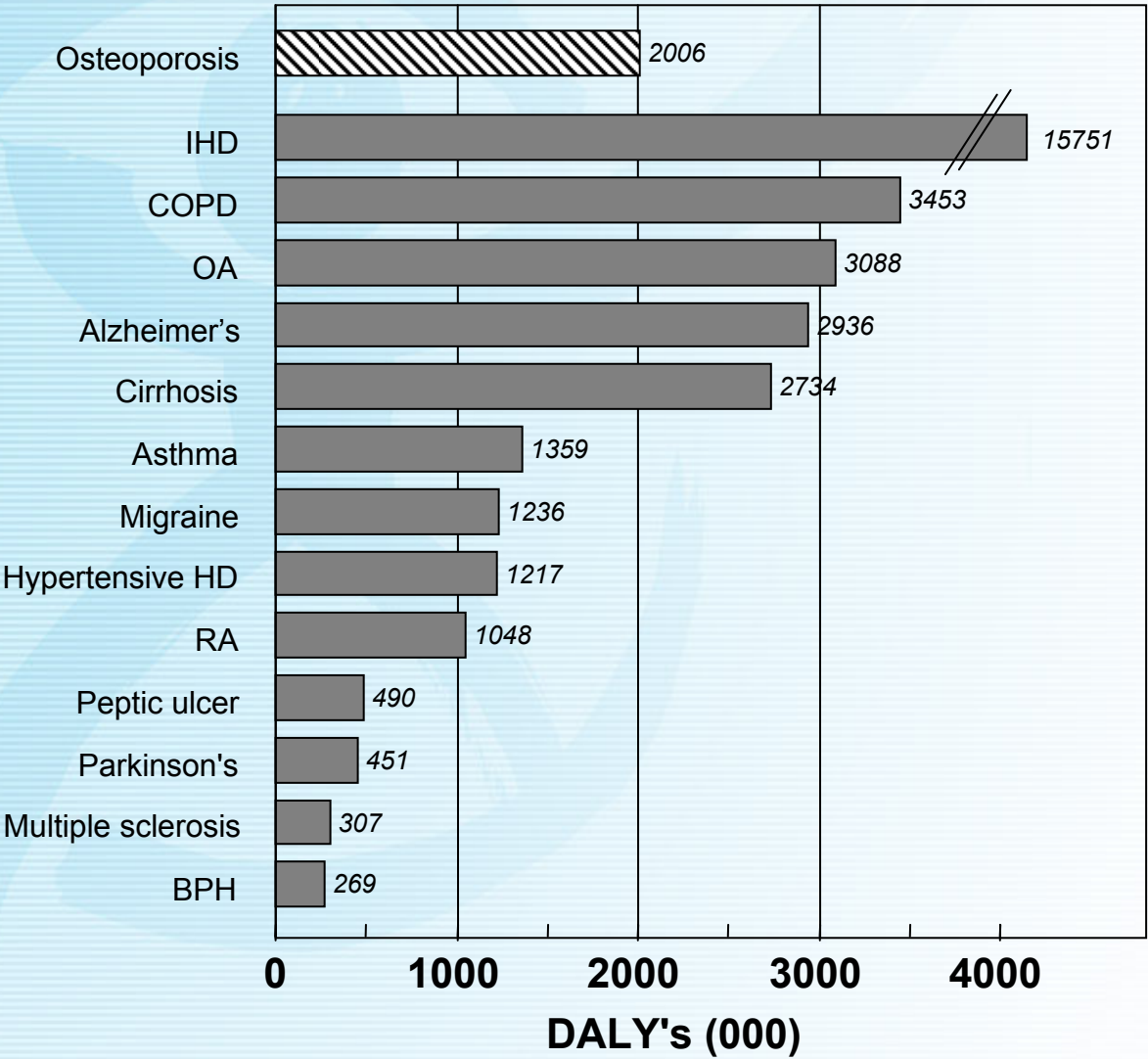
Global burden of osteoporotic fractures

DALYs (% NCD)



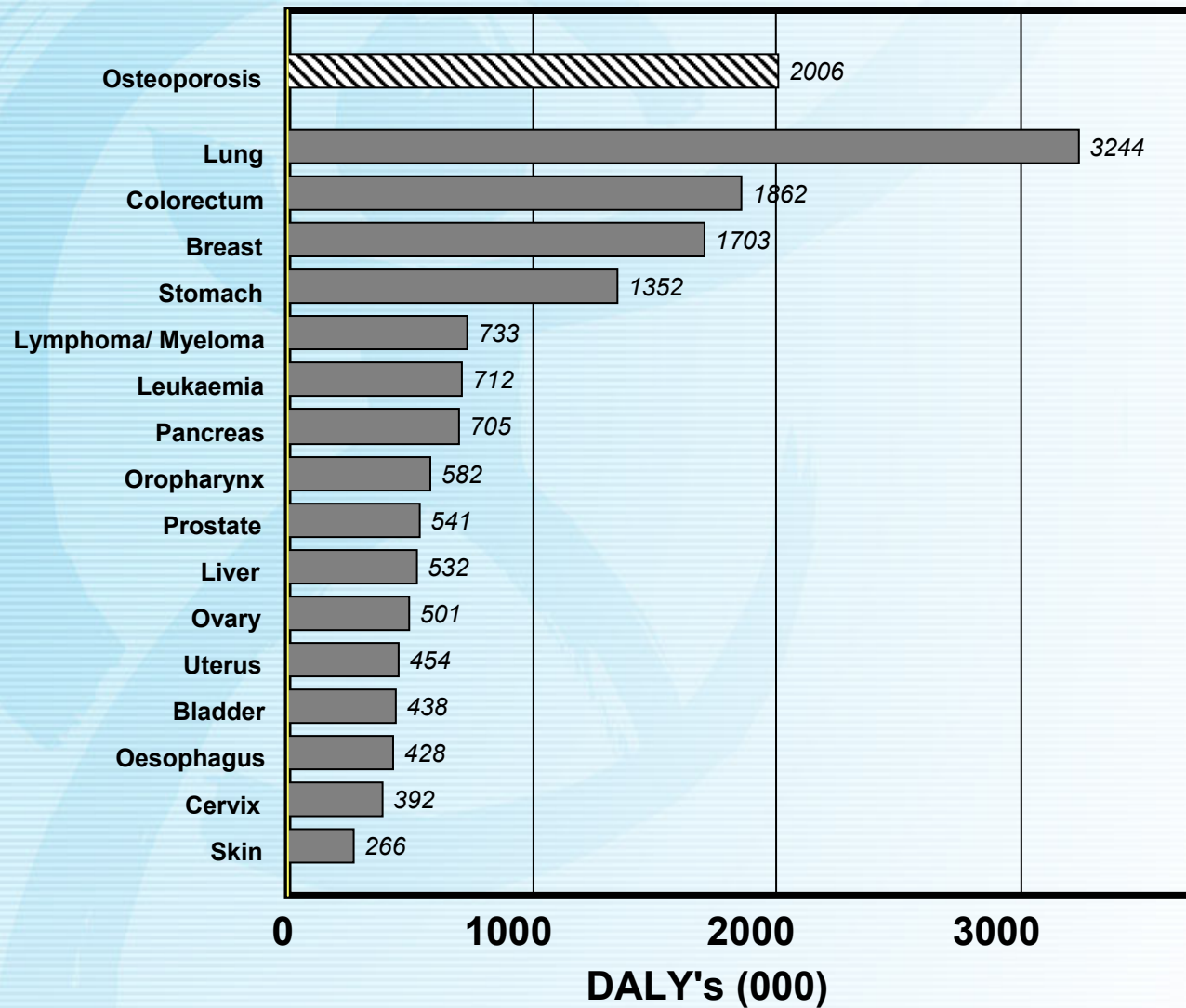
Global burden of osteoporotic fractures

Europe

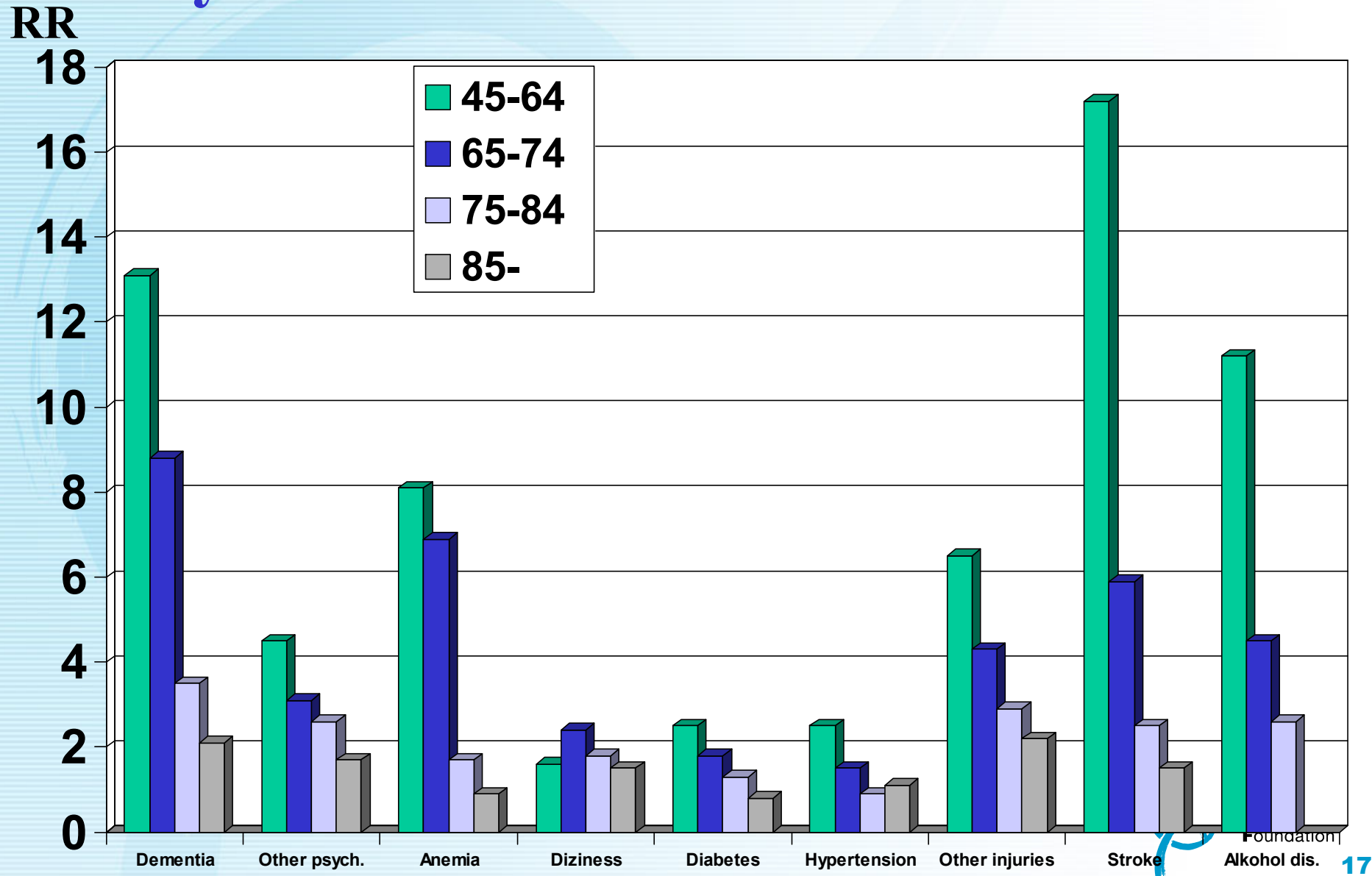


Global burden of osteoporotic fractures

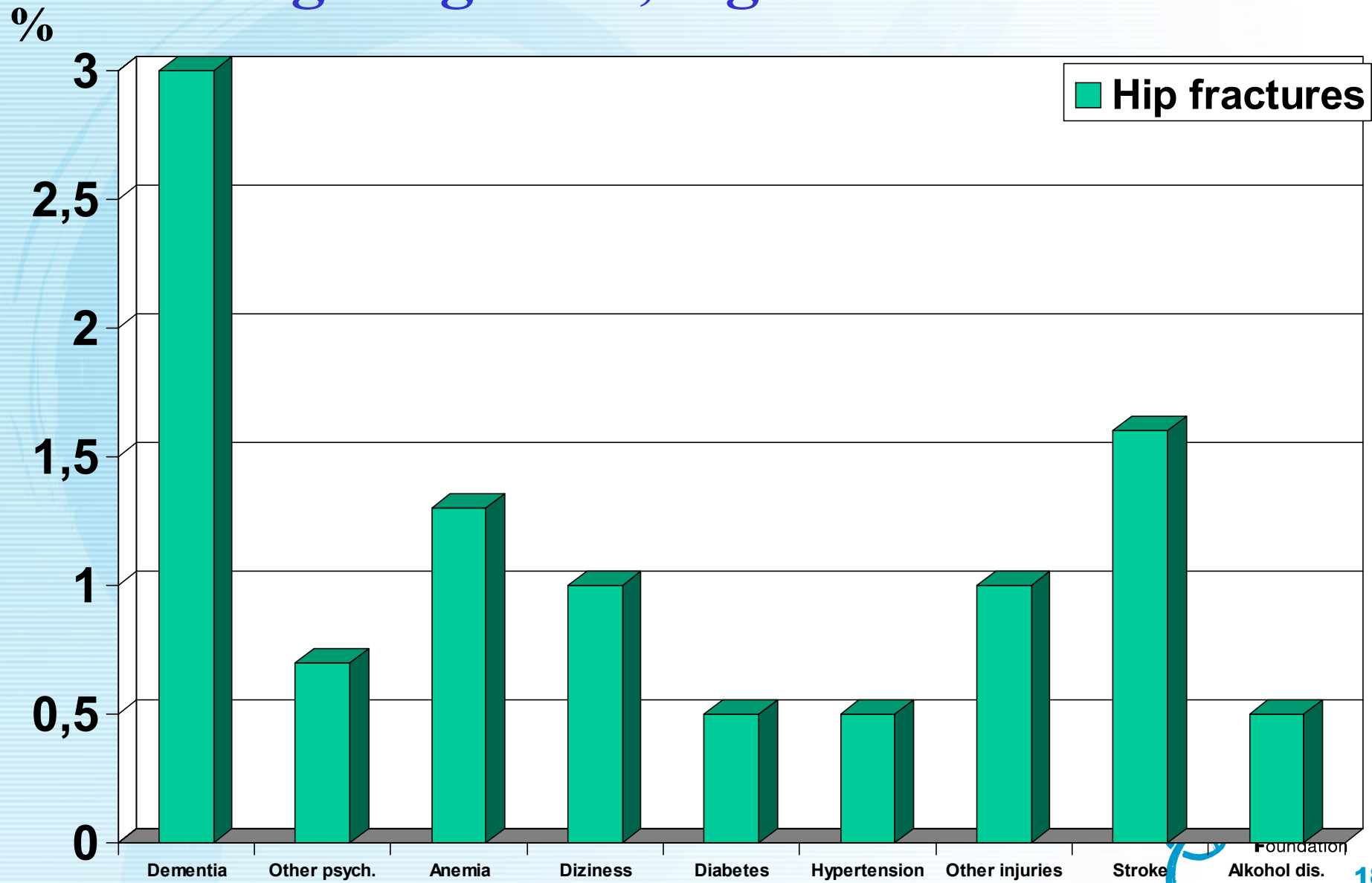
Europe



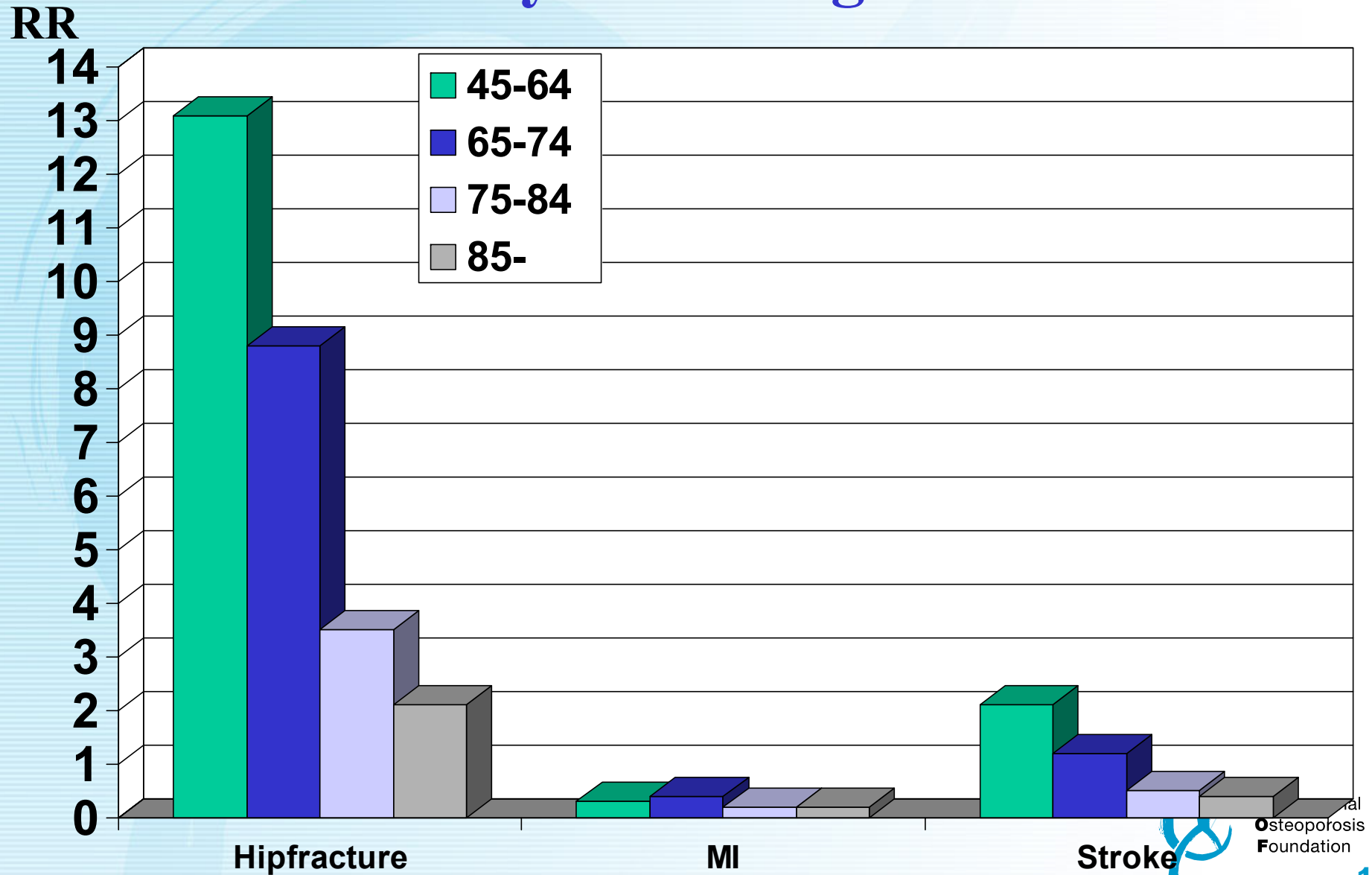
Risk of having a hip fracture within the next year



% hip fracture within the next year for the following diagnoses, Age 45+



Risk of having a hip fracture, MI, Stroke within the next year if diagnosed dementia

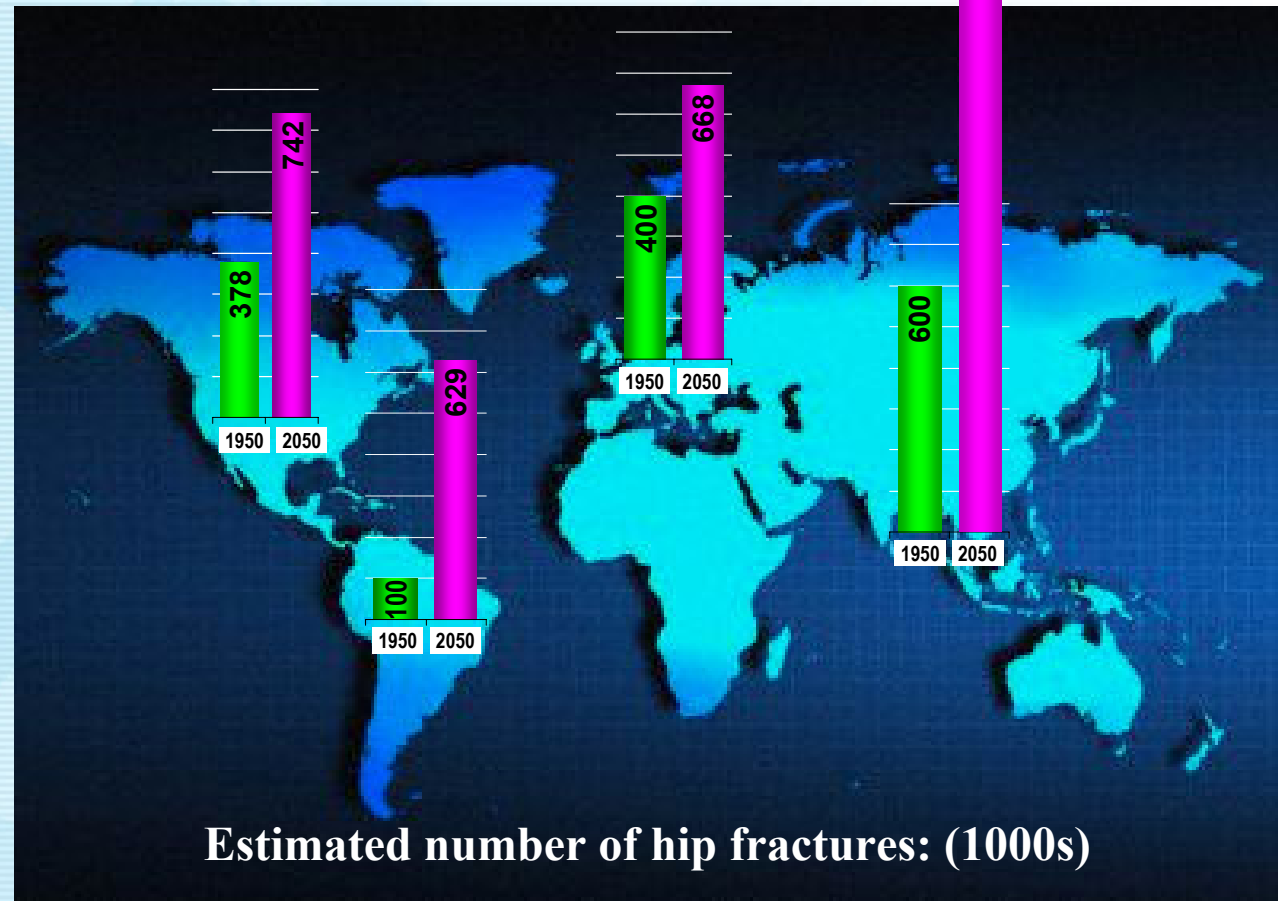


Hip fracture

Projected worldwide increase

← Projected to reach **3.250** million in Asia by 2050

Total number of hip fractures:
1950 = **1.66 million**
2050 = **6.26 million**



Adapted from C., Melton U. Osteoporosis Int. 2:285-289, 1992

Suggestions

- **Burden of disease- system-DALY?**
- **Health economy- Quality of life.**
- **Use detailed surveys in some countries- risk factors- perceptions-satisfaction.**
- **Attributable risk calculations based on data**



This paper was produced for a meeting organized by Health & Consumer Protection DG and represents the views of its author on the subject. These views have not been adopted or in any way approved by the Commission and should not be relied upon as a statement of the Commission's or Health & Consumer Protection DG's views. The European Commission does not guarantee the accuracy of the data included in this paper, nor does it accept responsibility for any use made thereof.