AGING & HEALTH IN AMERICAS CHALLEGES & OPPORTUNITIES

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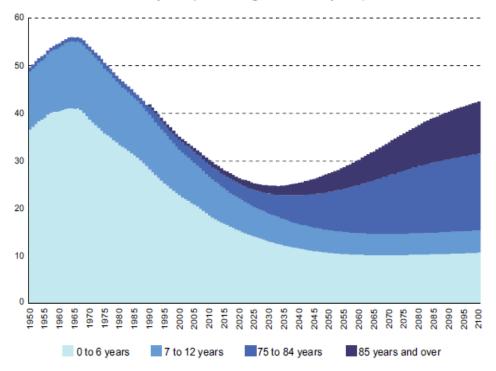


AGING IN LATIN AMERICA AND THE CARIBBEAN

- In 2006, just over 50 million of Latin America's and Caribbean population was 60 or older, in less than 20 years the amount will be more than 100 million. In 2050, 24% of the population—some 200 million people—will be older adults
- The Caribbean is the oldest region in LAC.

LATIN AMERICA AND THE CARIBBEAN: CARE DEPENDENCY RATIO BY AGE GROUP, 1950-2100

(Number of persons of care-receiving age for every 100 persons aged 15 to 74 years)

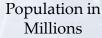


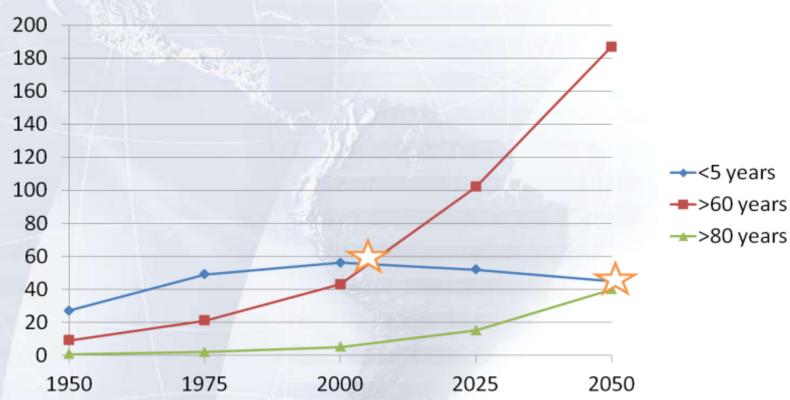
Source: Latin American and Caribbean Demographic Centre (CELADE) - Population Division of ECLAC, on the basis of United Nations, Department of Economic and Social Affairs (DESA), World Population Prospects: The 2010 Revision [CD-ROM].





Aging in Latin America and the Caribbean: Aging Population IS NOW

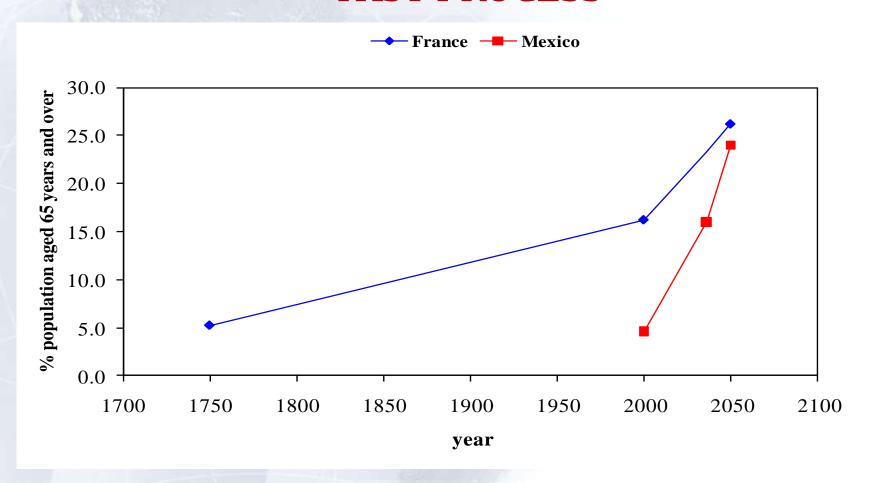








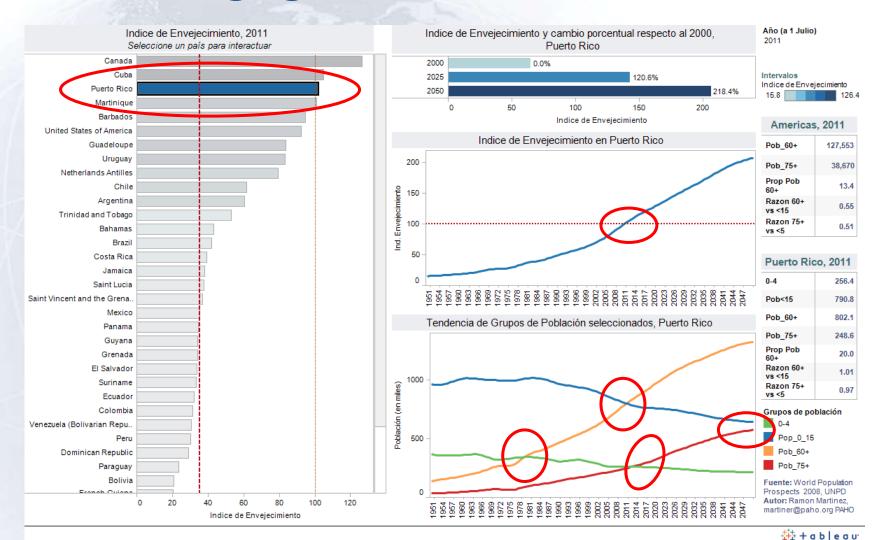
Aging in Latin America and the Caribbean FAST PROCESS







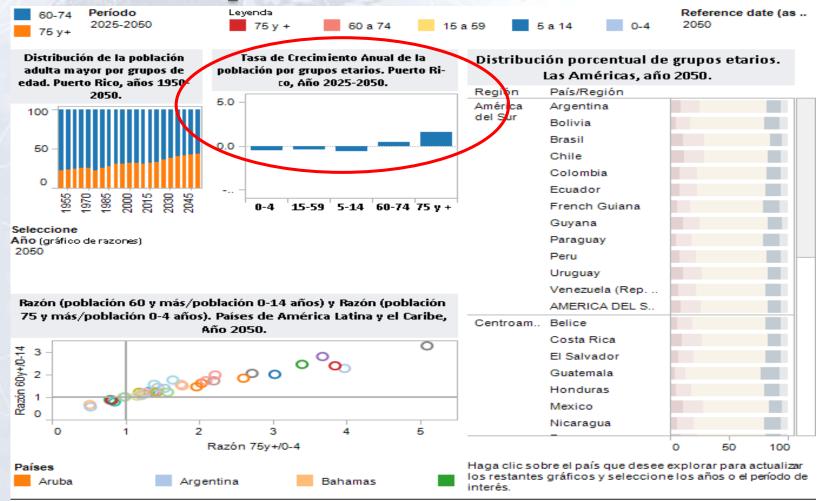
Aging Index: Puerto Rico 2011







The more important increase, in the oldest old









THE POPULATION AGING SOCIAL & PUBLIC HEALTH RESULT





THE REAL CHALLENGE IS NOT AGING





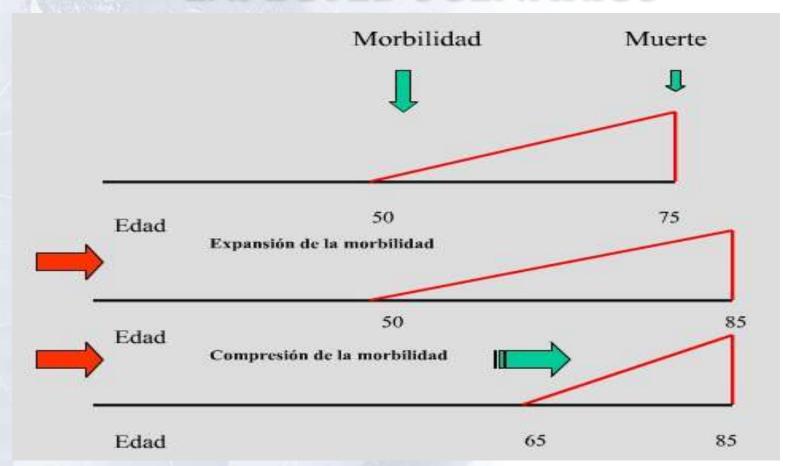
SOCIAL DETERMINANTS OF HEALTH

- Around 50% of those surveyed in the SABE study said that they did not have sufficient resources to meet their daily needs
- 33% of the elderly in urban areas and 50% in rural areas live in poverty. One-third of persons 65 or older do not have retirement benefits, pensions, or gainful employment
- Older adults have levels of schooling lower than the rest of the population, with very high levels of illiteracy that reach 80% in rural areas in some countries





ESPECTANCY OF LIFE & MORBILITY EXPECTED SCENARIOS





JF Fries Aging, natural death, and the compression of morbidity.

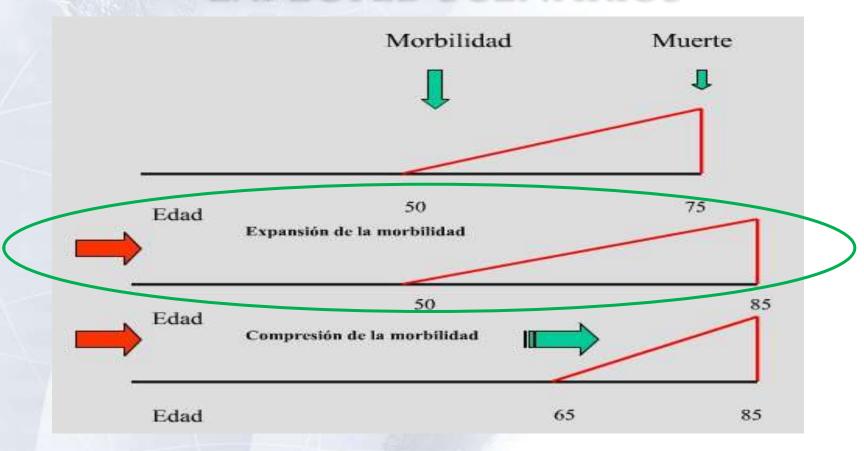
NEJM 1980, Volume 303:130-135.

How healthy we will live? The reality: Today, we grow old without health





ESPECTANCY OF LIFE & MORBILITY EXPECTED SCENARIOS





JF Fries Aging, natural death, and the compression of morbidity.

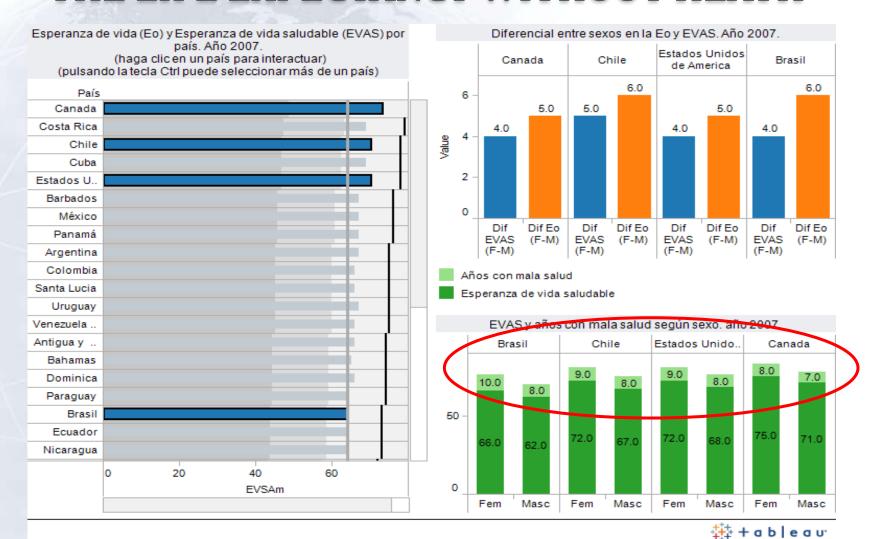
NEJM 1980, Volume 303:130-135.

- In the United States only 22.7 percent of people over 65 and only 32.2 percent of those 75 and older, report having fair or poor health
- In Latin America the majority report having fair or poor health: 58% of women and 51% of men
- In Latin America women reported worse health and poor health status





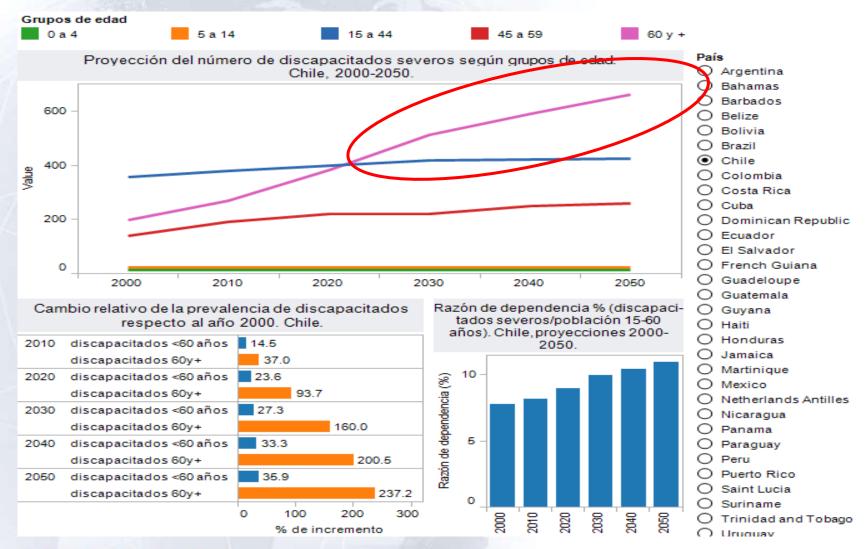
THE LIFE EXPECTANCY WITHOUT HEATH







THE DISABILITY BURDEN







PREVALENCE OF SOME CHRONIC DISEASES IN OLDER PERSONS

	D	H	Α	HD	PD
Bridgetown	22	48	47	12	4
B. Aires	12	49	53	20	8
La Habana	15	44	56	24	13
México	22	43	24	10	10
Montevideo	14	45	48	24	9
Santiago	13	52	32	34	13
Sao Paulo	17	53	32	20	13

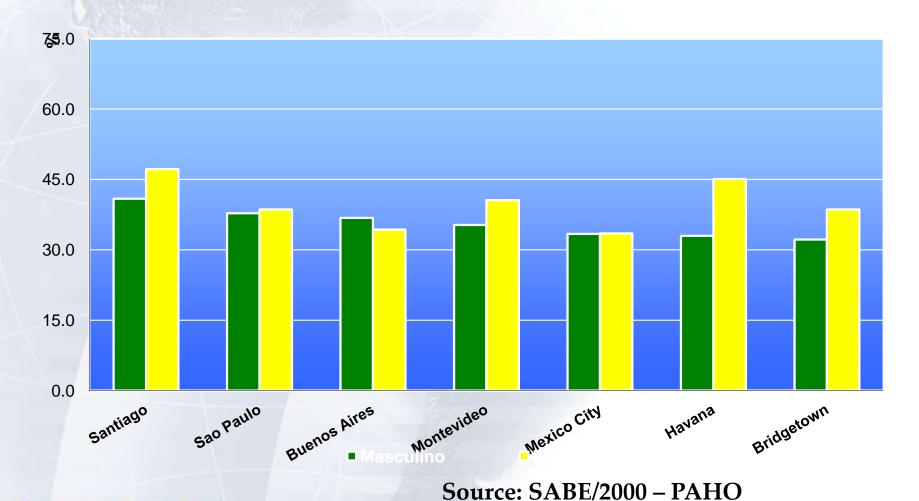
D: Diabetes A: Artritis PD: Pulmonary Disease HD: Heart Disease

H: Hipertensión



Source: SABE/2000 – PAHO

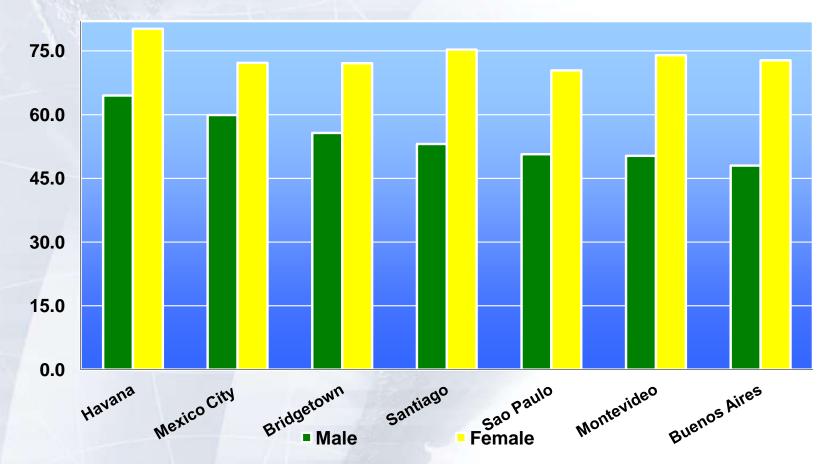
Seniors with at least one treatable chronic condition







Seniors with the report of at least one disabling conditions





Source: SABE/2000 - PAHO



HEALTH SELF REPORT AND CHRONIC CONDITIONS IN SENNIORS

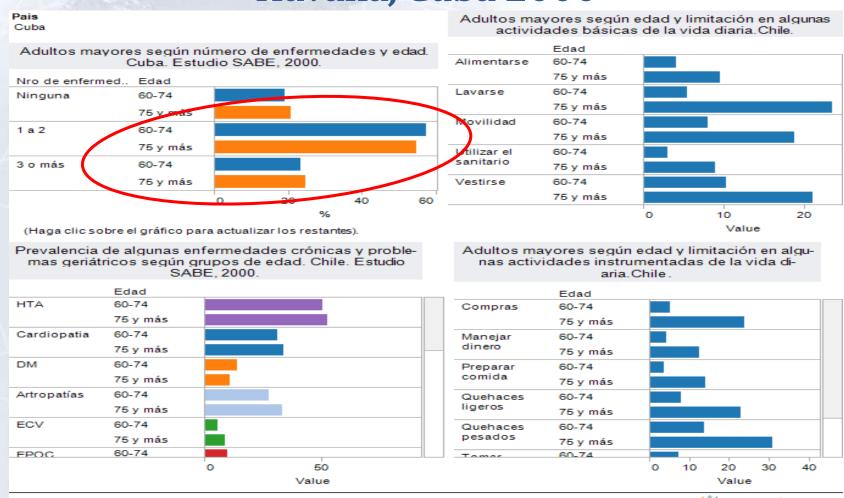




Source: SABE/2000 – PAHO



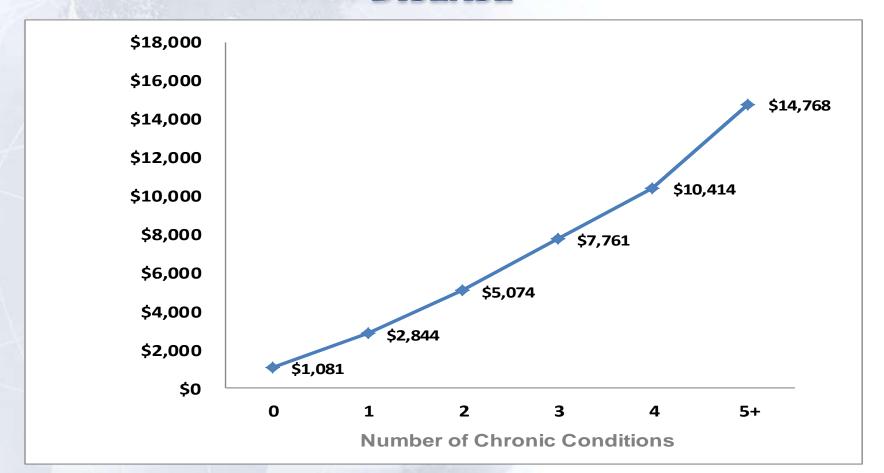
Chronic Disease and functional status in Seniors. Havana, Cuba 2000







HEALTH EXPEND AND NUMBER OF CRONIC DISEASE



Source: Medical Expenditure Panel Survey, 2006; Adapted from Anderson G. Chronic Conditions: Making the Case for Ongoing Care, February 2010, Robert Wood Johnson



World Health Organization

CARE OF THE ELDERLY





WHO CARE OLDER PERSONS?

- Health care professionals without training in the medical care of older persons
- Community health workers without the supervision or the tools to care for older adults
- Family caregivers without the support of the community





- Forty percent of those surveyed by SABE who suffered from hypertension had not had a primary care consultation in the last 12 months
- Only 27% of women reported having had a mammogram in the last two years
- 80% of respondents reported having unmet dental needs
- According to the research, 69% of older adults were not vaccinated against influenza.
- Only 2% of the countries have health promotion goals for people over 60 years of age.

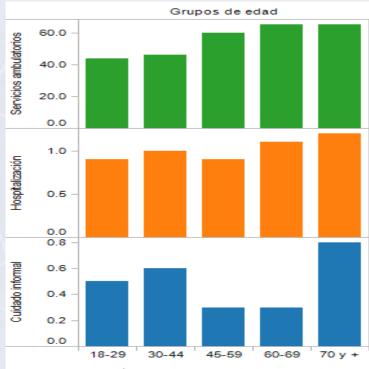




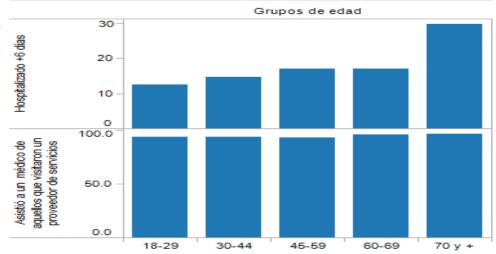
HEALTH SERVICES AND AGE

Pais México

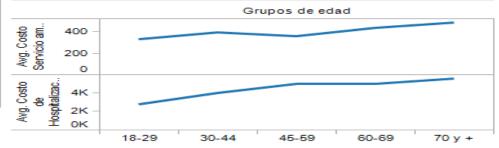
Uso de servicios de salud según grupos de edad. México, Año 2003.



(Clic sobre el gráfico para actualizar los restantes) Fuente: World Health Survey (WHS). Uso de servicios de salud por edad. México, año 2003.



Costo promedio por edad y tipo de servicio. México, año 2003.









- In the region, it is families, and especially women (90%), that provide most of the care for older people
- Caregivers, usually over 50, are subject to very high levels of stress, with 60% of them saying that they "cannot do any more"
- More than 80% reporting problems "meeting expenses."



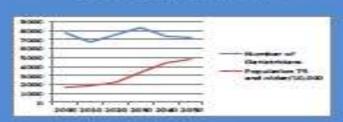


THERE IS A GREAT DISPARITY IN THE REGION BETWEEN THE AVAILABILITY AND ALLOCATION OF TECHNICAL AND HUMAN RESOURCES BETWEEN AND WITHIN COUNTRIES

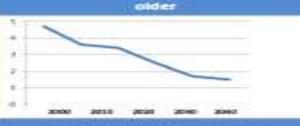




Increase in Elderly Population Sut Decrease in Geriatricians



Projection of Future Number of Geriatricians/10,000 Population 75 and



Less than 3%

of today's medical students take even a single course in geriatrics. Residency and fellowship training standards for geriatrics still

do not exist in 3/4

of the specialties important to older people.

It is estimated that by 2030, 3.5 million additional

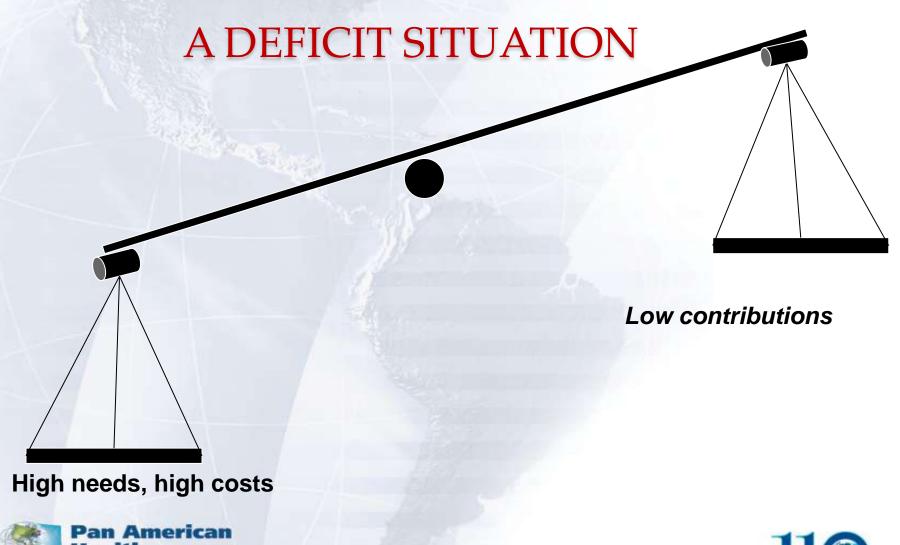
health care professionals and direct-care workers will be needed in the United States.

What is the United States doing to prepare for the increased demand for geriatricians in the United States?

is the Ministry of Health working to increase the number of schools that offer gerontology courses? NOTES

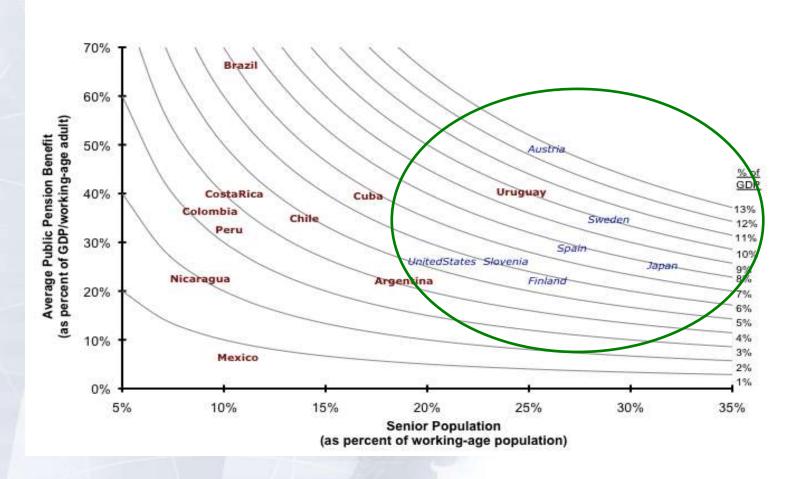
Recommendation: Workforce efforts must focus on recruitment, training, retention and compensation of health care providers serving older adults.

PERCEPTIONS OF THE IMPLICATIONS OF AN AGING SOCIETY



Vorld Health Organization

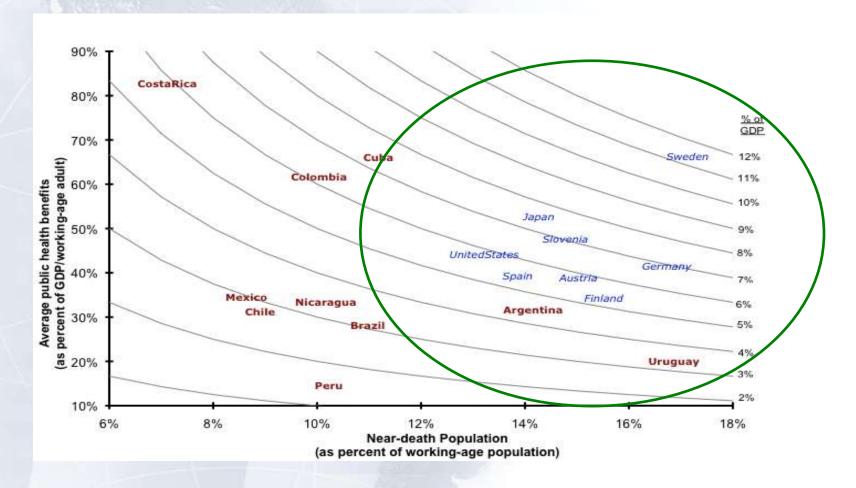
% DEL PIB EN PENSIONES PÚBLICAS, POR DEMOGRAFÍA Y GENEROSIDAD







% DEL PIB EN SALUD PÚBLICA, POR DEMOGRAFÍA Y GENEROSIDAD







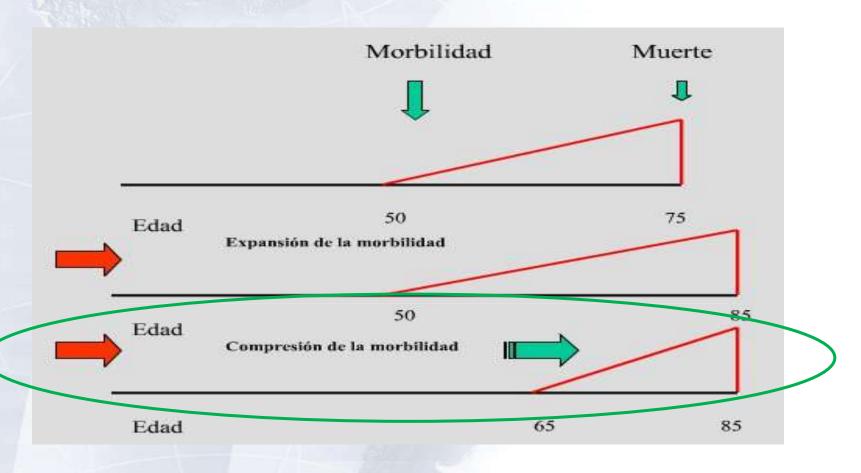
AN AGING SOCIETY COULD BRING BENEFITS AS WELL AS COSTS







ESPECTANCY OF LIFE & MORBILITY EXPECTED SCENARIOS

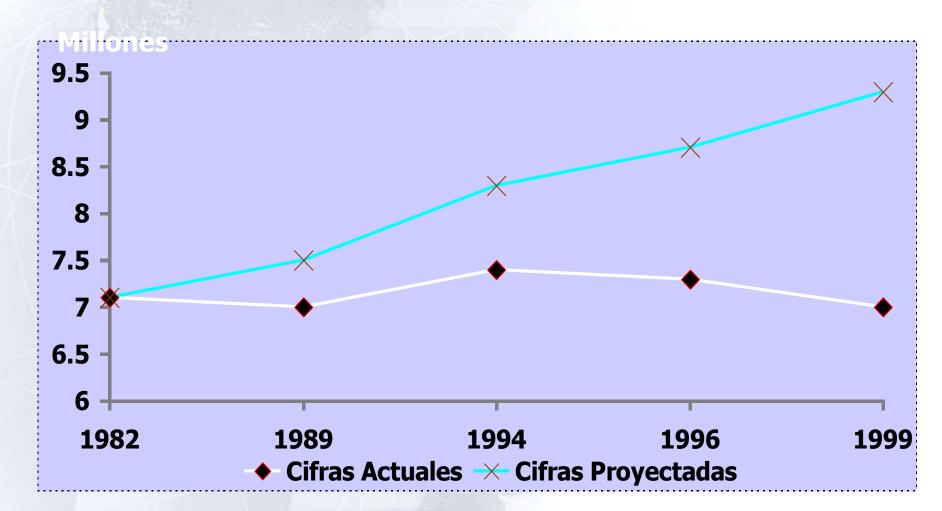




JF Fries Aging, natural death, and the compression of morbidity.

NEJM 1980, Volume 303:130-135.

DISABILITY PROJECCION IN SENNIORS USA





Manton and Gu, 2001

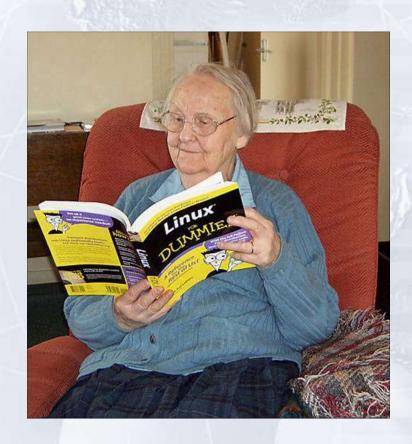


WHY NOW?

- Society has the unique develoment opportunity to take advantange of the increase of longevivity
- Today heath and social invesment can produce a maximum level of positive repercussions







Could the world don't consider the 2000 million that will take the world over?





HEALTHY & ACTIVE AGING





ACTIVE AGING

Active ageing is the process of **optimizing opportunities** for health, **participation** and security in order to enhance quality of life as people age. It applies to both individuals and population groups.

WHO 2001

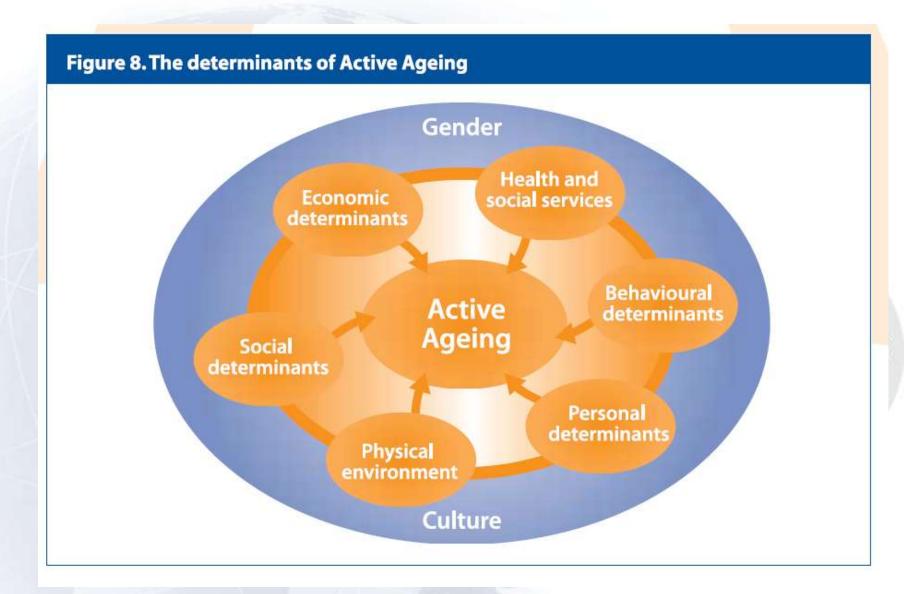




Figure 14. The three pillars of a policy framework for Active Ageing **Active Ageing Participation** Health Security Determinants of Active Ageing United Nations Principles for Older People



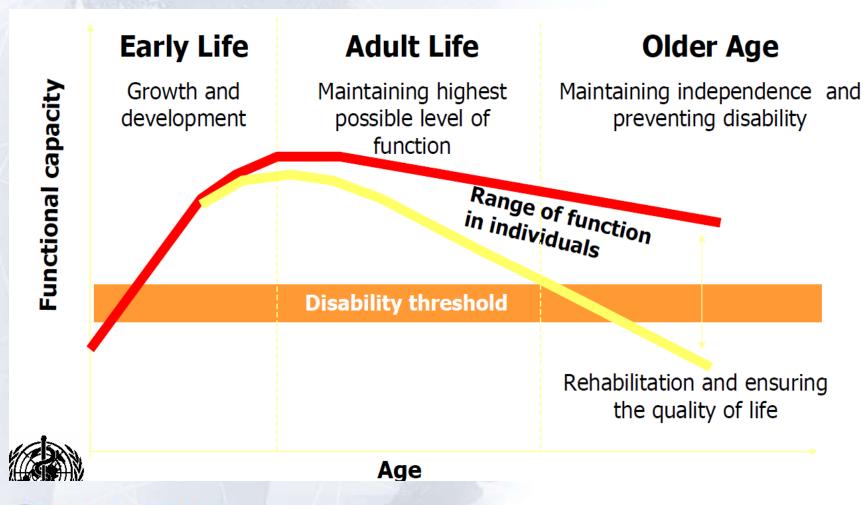








MAINTAINING FUNCTIONAL CAPACITY AND PREVENTING DISABILITY ACROSS THE LIFE COURSE





Sources: WHO, 2007; Kalache and Kickbusch,

John Glenn (77 years old). Octubre, 1998, Space Shuttle Discovery's







Vitamin D Treatment for the Prevention of Falls in Older Adults: Systematic Review and Meta-Analysis

Rita Rastogi Kalyani, MD, MHS, Brady Stein, MD, MHS, Ritu Valiyil, MD, MHS, Rebecca Manno, MD, MHS, Janet W. Maynard, MD, MHS, and Deidra C. Creus, MD, ScMB

OBJECTIVES: To systematically review and quantitatively synthesize the effect of vitamin D therapy on fall prevention in older adults.

DESIGN: Systematic review and meta-analysis.

SETTING: MEDLINE, CINAHL, Web of Science, EMBASE, Cochrane Library, LILACS, bibliographies of selected articles, and previous systematic reviews through February CONCLUSION: Vitamin D treatment effectively reduces the risk of falls in older adults. Future studies should investigate whether particular populations or treatment regimens may have greater benefit. J Am Geriatr Soc 58:1299-1310, 2010.

Key words: vitamin D; falls; elderly; randomized controlled trials; systematic review

Healthy Aging Persons and Their Brains: Promoting Resilience Through Creative Engagement

Susan H. McFadden, mpa.*, Anne D. Basting, mpb

KEYWORDS

- · Creativity · Resilience · Dementia
- · Psychosocial interventions · Eloudehing

Clin Geriatr Med 26 (2010) 149–161 doi:10.1016/j.cger.2009.11.004

Most older people respond to researchers' questions about their well-being by affirming satisfaction with their lives. They do this despite mounting losses in physical func-

Physical Activity Over the Life Course and Its Association with Cognitive Performance and Impairment in Old Age

Laura E. Middleton, PhD,* Deborah E. Barnes, PhD, * Li-Yung Lui, MS, and Kristine Yaffe, MD*!*

OBJECTIVE: To determine how physical activity at various ages over the life course is associated with cognitive impairment in late life.

DESIGN: Cross-sectional study. SETTING: Four U.S. sites.

PARTICIPANTS: Nine thousand three hundred forty-four

early in life and throughout the life course. J Am Geriatr Soc 58:1322-1326, 2010.

Key words: physical activity; exercise; cognition; cognitive impairment; life course

Use of the Internet to Assist in the Treatment of Depression and Anxiety: A Systematic Review

Alan G. Wade, MBChB

Objective: This systematic review aims to describe the Internet's potential role in assisting patients with depression and anxiety.

Data Sources: A MEDLINE search was conducted of articles published between 1998 and 2008 using the terms depression and anxiety and Internet, computers and depression





Zuckerberg received Florence (101 years), the oldest Facebook member....



Facebook, users average age 40,5 years.





MAKING ACTIVE AGING WORK FOR OLDER PERSONS

Three challenges:

- Creating structural supports that help older adults become involved
- Creating flexibility to accommodate their changing needs
- Maximizing engagement not just participation









1100

WHAT DO OLDER US ADULTS CURRENTLY DO?

- 21% are in the labor force
- 21% are involved in volunteer work
- 20% participate in caregiving
- 25% reported having enrolled in a class in the previous 5 years

National Institute on Aging, Longitudinal Health and Retirement Study, 2008 (Source, last fact: AARP, for age 50+)





Aging and Lighth Lighth

Running against time









BULDING A VISION OF HEALTH OF OLDER PERSONS

- Resolution CSP26.R20 on Health and Aging in the 26th Pan American Sanitary Conference (2002)
- International Plan of Action on Aging. World Aging Health Assembly (2002)
- I Regional Intergovernmental Conference for Latin America and the Caribbean (2003)
- II Regional Intergovernmental Conference on Aging in Latin
 America and the Caribbean (2007)
- Primary Health Care Declaration (2006)
- Health Agenda for the Americas 2008-2017 (2007)
- Plan of Action in Aging and Health (2009)





STRATEGIC APPROACH AND PLAN OF ACTION

Health sector's response to the health needs of older persons

- Guided by the values of the UN Principles for Older Persons
- Country driven needs and appropriate responses
- Calling for a shift by the international community to tackle the new challenges
 A 100 for a shift by the international community to tackle the new challenges





STRATEGIC APPROACH AND PLAN OF ACTION

FOUR PRIORITY STRATEGIC AREAS:

- Health of older person in public policy and its adaptation to international agreements & strategies
- Adapt health systems to population aging challenges and the health needs of older persons
- Train human resources necessary to meet the health needs of older persons
- Strengthen the capacity to generate the necessary information for executing and evaluating activities to improve the health of the elderly population





A WINDOW OF OPPORTUNITY

The next 40 years, the Region's demographic situation will offer a window of opportunity. Only through adequate social and health investment will it be possible to achieve healthy and active longevity resulting in a lower economic burden in the future.

PLAN OF ACTION ON THE HEALTH OF OLDER PERSONS, INCLUDING ACTIVE AND HEALTHY AGING. PAHO, 2009











