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# *Health expectancy among Filipino older people*

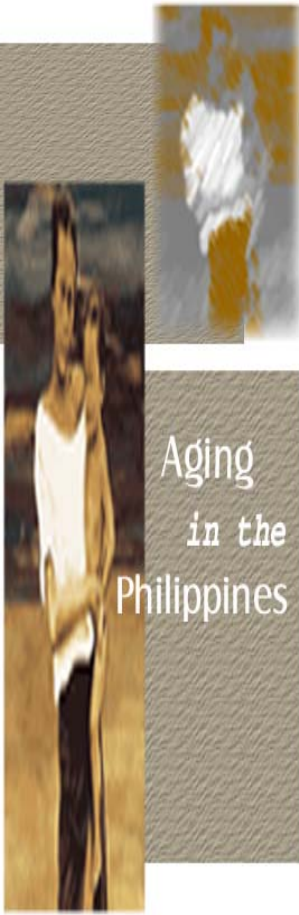


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## **Objectives:**



*- estimate the level of physical health status among the Filipino older people 60 years and over using the various measures of functional ability.*

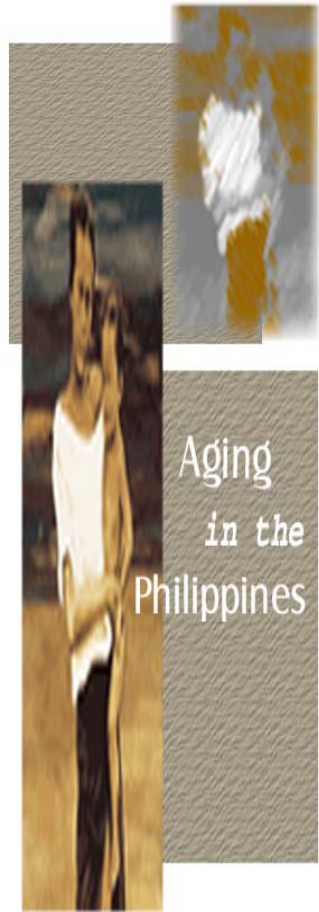
*- estimate the level of active life expectancy by gender using the Sullivan method*

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# *Data*

- 1996 Philippine Elderly Survey (PES)
- **Sample size : 2285**  
**( of which 1,264 are 60 years and over and 1,021 who are age 50-59 years)**
- **First nationally representative sample of older people in the in the Philippines**
- **Part of a 4-country comparative study**



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# *Measures of Health*

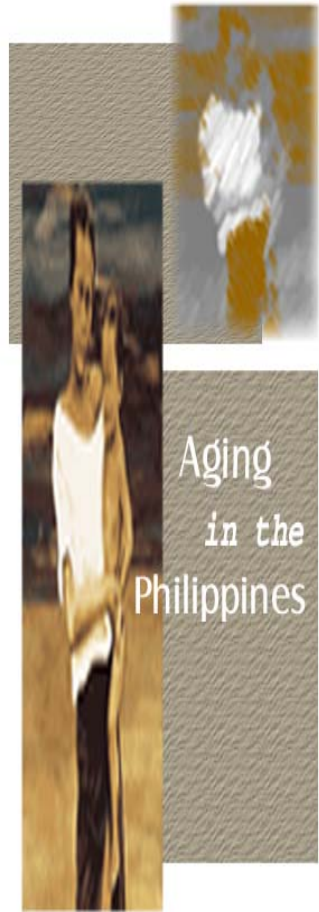
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- Functional ability

## ADL (activities of daily living)

- ❖ Taking a bath/going to the bathroom
  - ❖ Eating
  - ❖ Walking around the house
  - ❖ Dressing/putting on clothes
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# *Measures of Health*

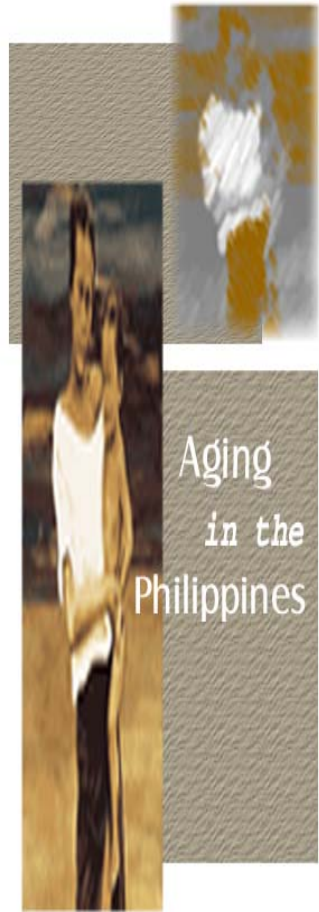


- IADL (instrumental activities of daily living)
  - ❖ Preparing own meal
  - ❖ Shopping for groceries or personal items
  - ❖ managing own money
  - ❖ doing light household chores
  - ❖ using transportation



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# *Measures of Health*



## NAGI

- ❖ Crouching or squatting
  - ❖ Lifting or carrying something as heavy as 5 kg. bag
  - ❖ walking 200-300 meters
  - ❖ Going up and down the stairs (about 3-5 steps)
  - ❖ using fingers to grasp or handle
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# *Measures of Health*

- Question asked:
- had any difficulty performing each of the ADL and IADL activities because of health or physical problems? (yes or no)
- with difficulty  $\implies$  inactive/unhealthy
- no difficulty  $\implies$  active/healthy



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# *Definition of Health*

## **1. ADL:**

Unhealthy/inactive: with at least one ADL difficulty

Healthy: with no ADL difficulty

## **2. ADL/IADL:**

Unhealthy/inactive: with at least one ADL or IADL difficulty

Healthy: with no ADL or IADL difficulty



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# *Definition of Health*



### 3. NAGI

Unhealthy/inactive: with at least one NAGI difficulty

Healthy: with no NAGI difficulty

### 4. **Difficulty with activities using the lower limbs** (walking around the house, crouching/squatting, walking 200-300 meters, going up and down the stairs):

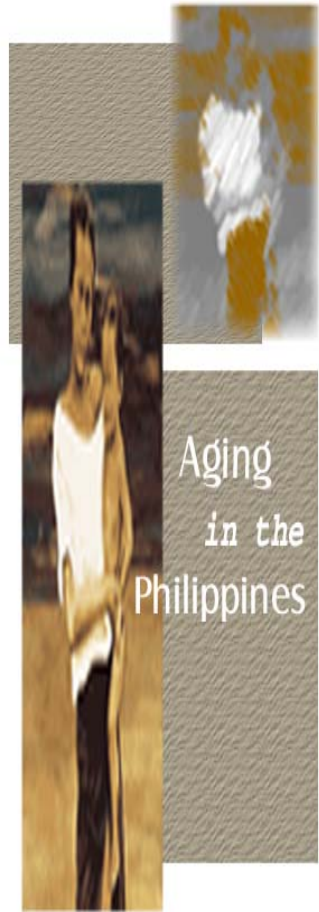
Unhealthy/inactive: with at least one difficulty doing activities involving the lower limbs

Healthy: with no difficulty doing activities involving the lower limbs

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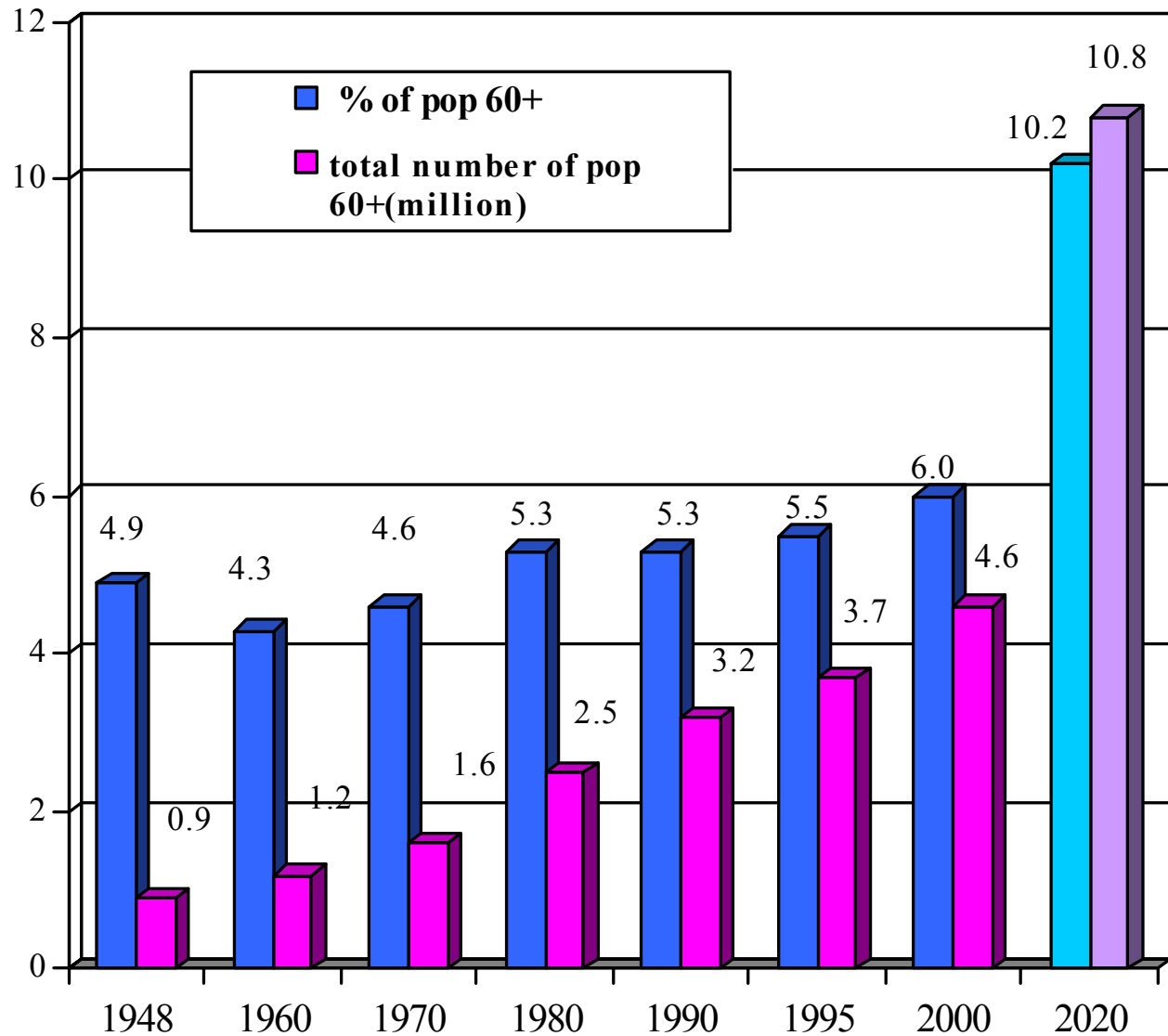
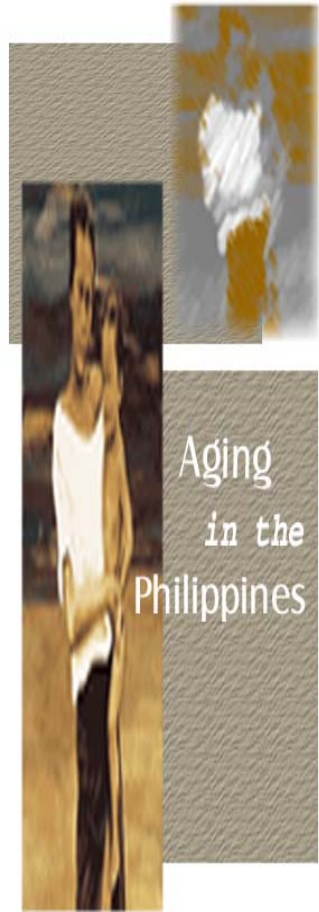
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# *Methodology*



- Calculation of Active Life Expectancy (ALE)  
Method: Sullivan Method
  - Life table functions from the 1995 Life Table of the Philippines were used in the computation of ALE
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# Trends in aging: Philippines 1948-2020



# Trends in aging in the Philippines

**Table 2: Life Expectancy at birth and at age 60 by sex:  
Philippines, 1970-1995**

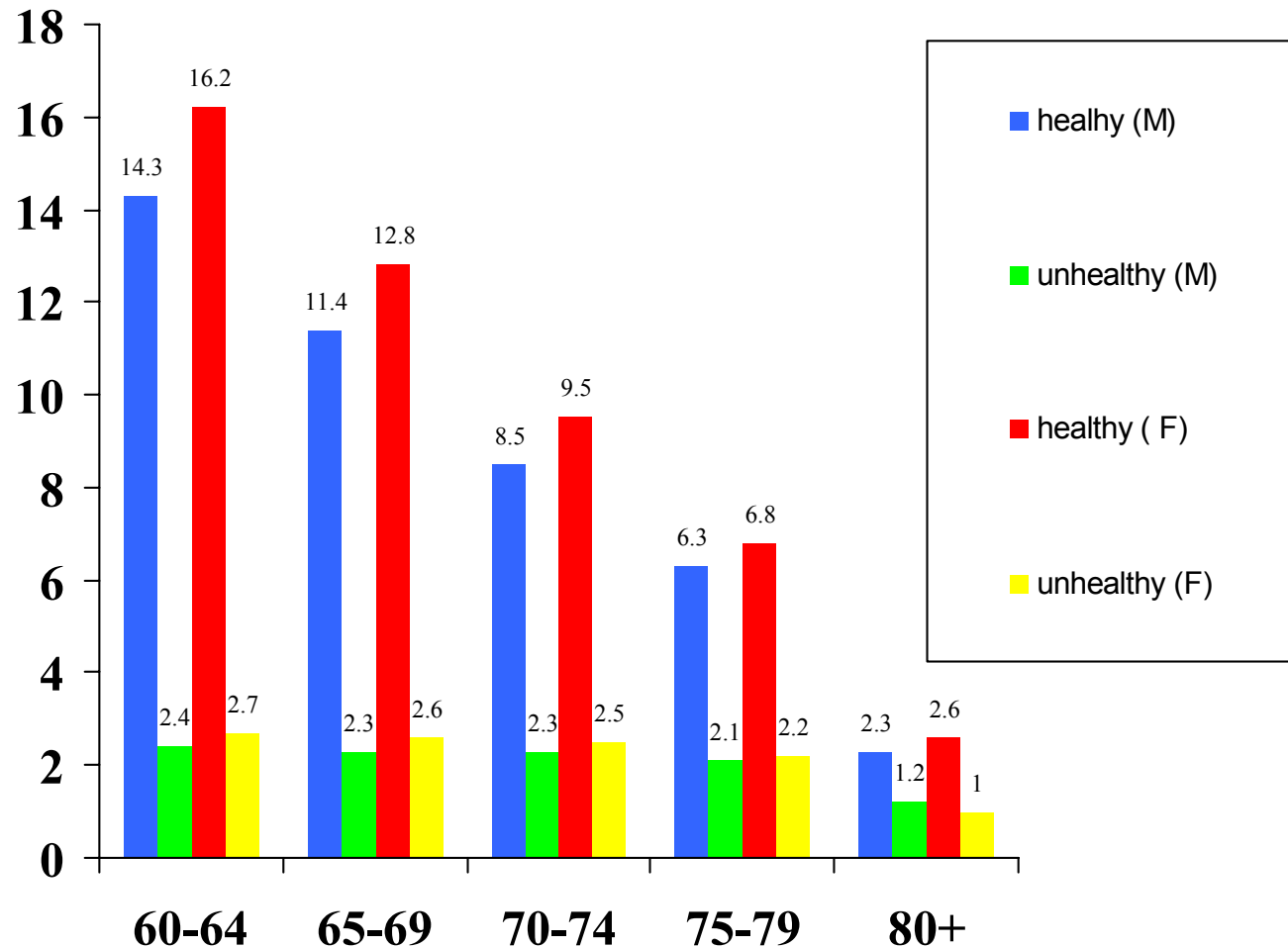
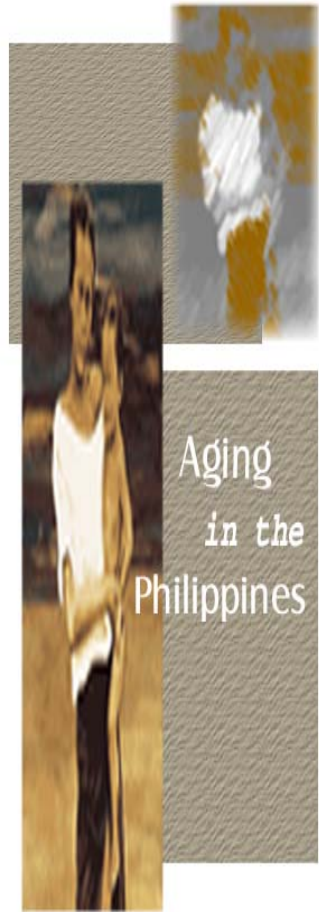
Year/period	Life expectancy at birth		Life expectancy at age 60	
	Male	Female	Male	Female
1970	57.3	61.5	16.3	17.1
1980	59.7	65.1	16.5	18.2
1990	62.2	67.4	17.0	19.0
1995	62.7	67.9	16.8	19.3

Source: Flieger, Wilhelm, SVD, J. V. Cabigon "Life Table Estimates" HFDP Monograph 5, MY, 1994 (1970 ns 1990)  
NSO, 2002 (from NSCB website: <http://www.nscb.gov.ph/stats/wmfact.htm>)

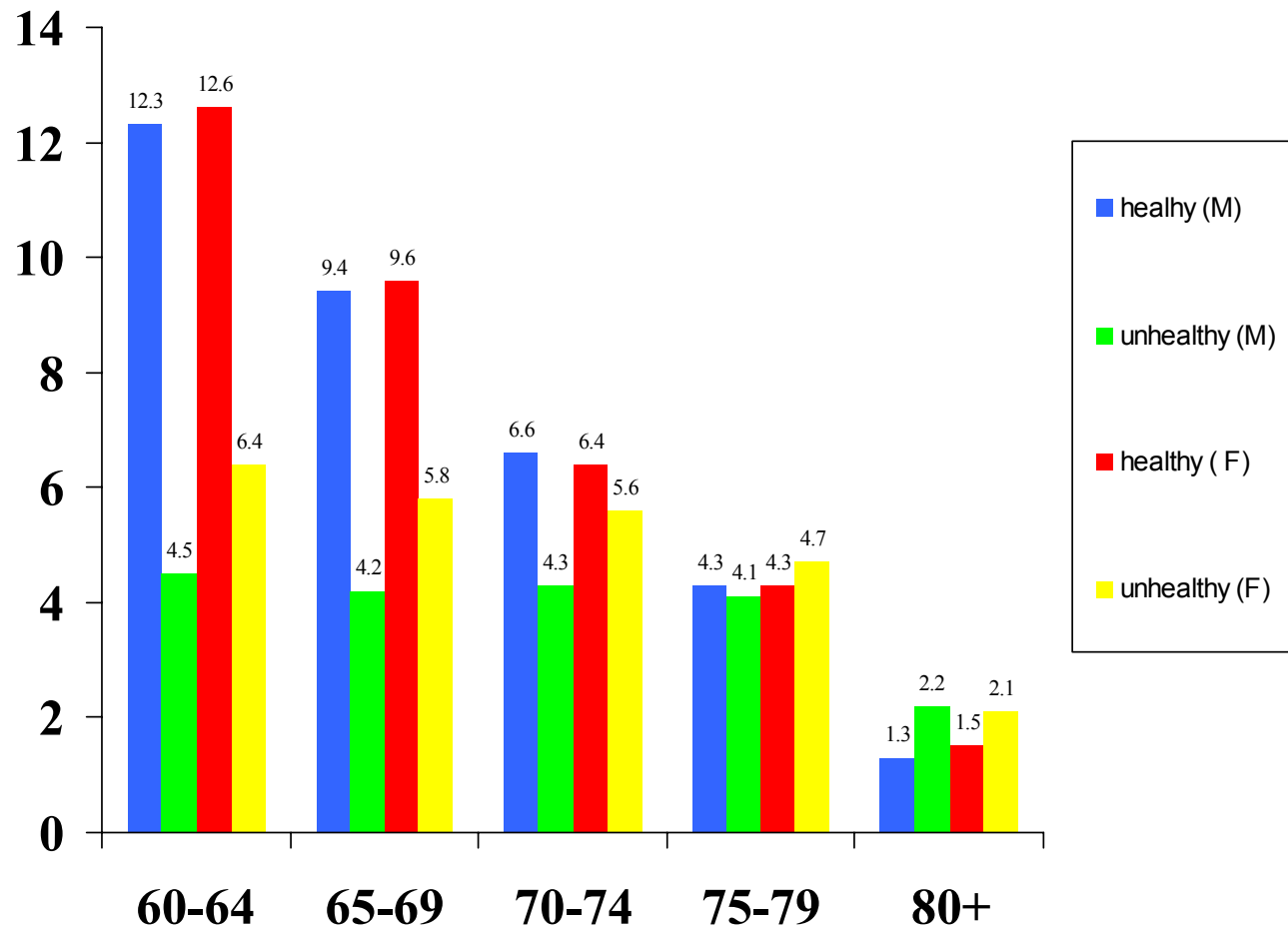


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# Remaining years healthy and unhealthy by Gender: Philippines, 1996 (measure: ADL)

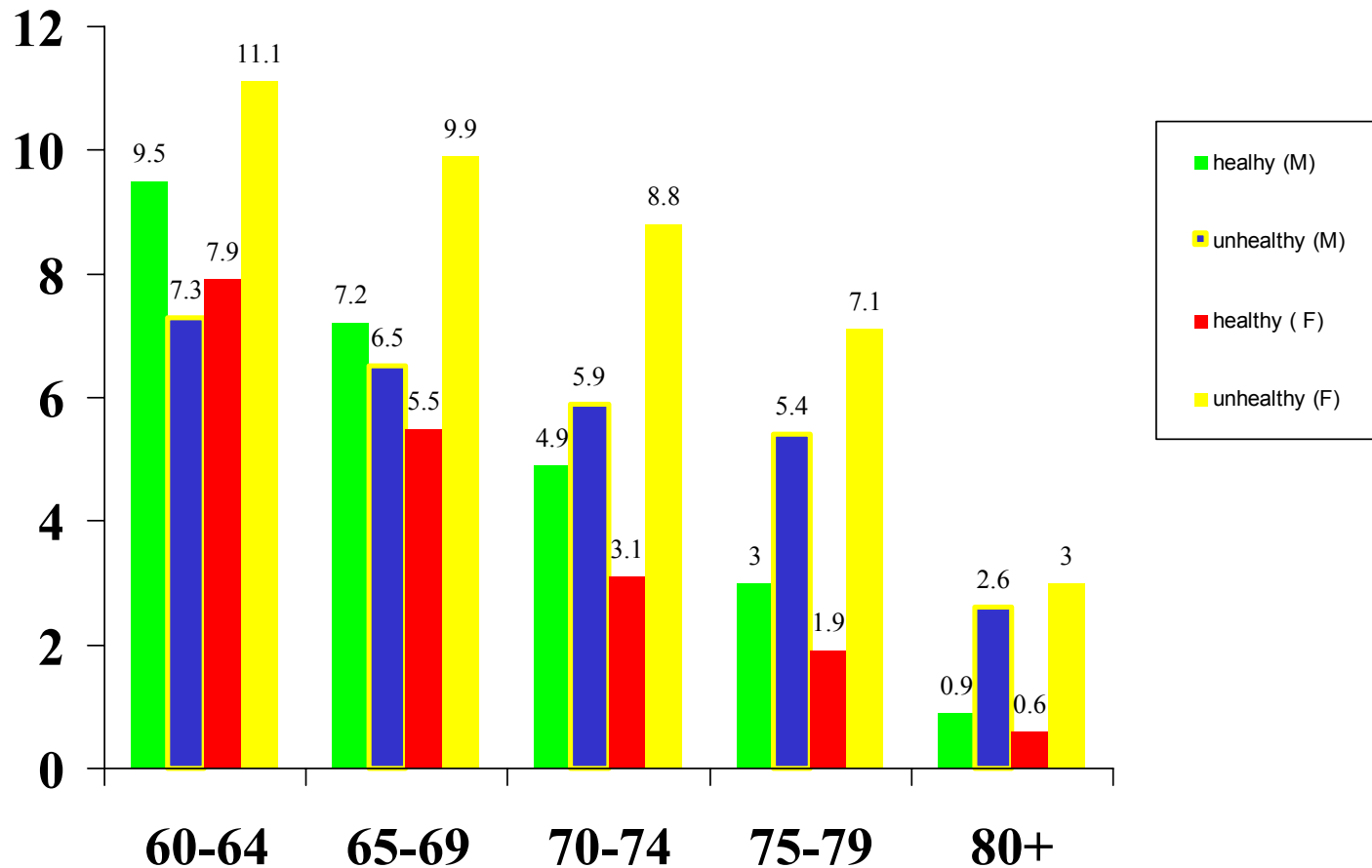
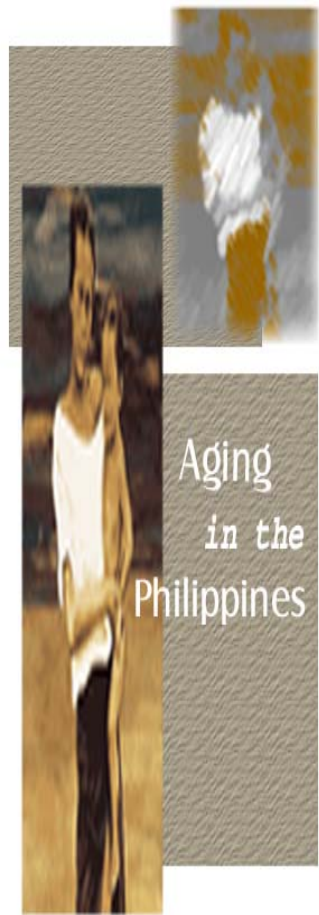


# Remaining years healthy and unhealthy by Gender: Philippines, 1996 (measure: ADL/IADL combined)



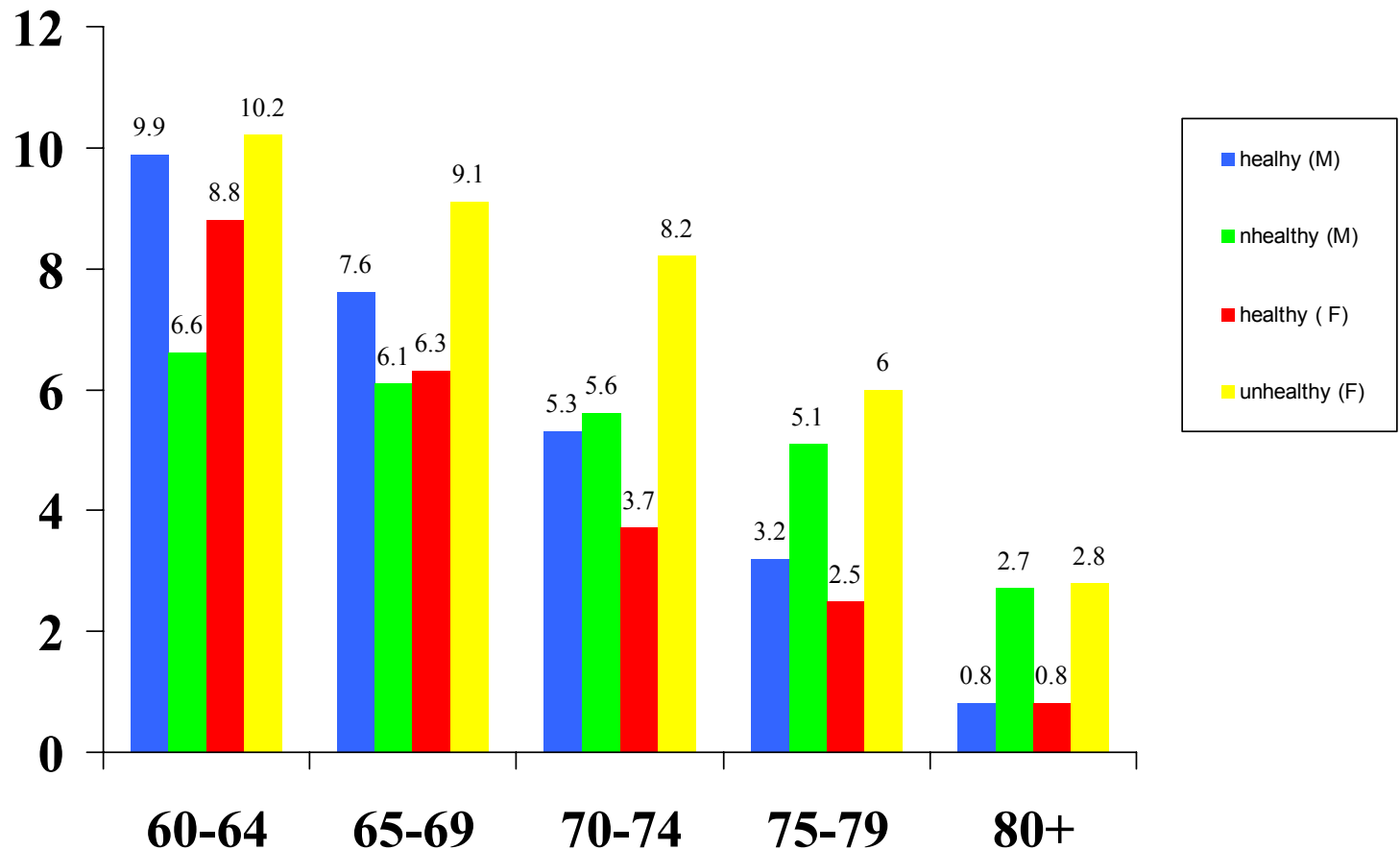
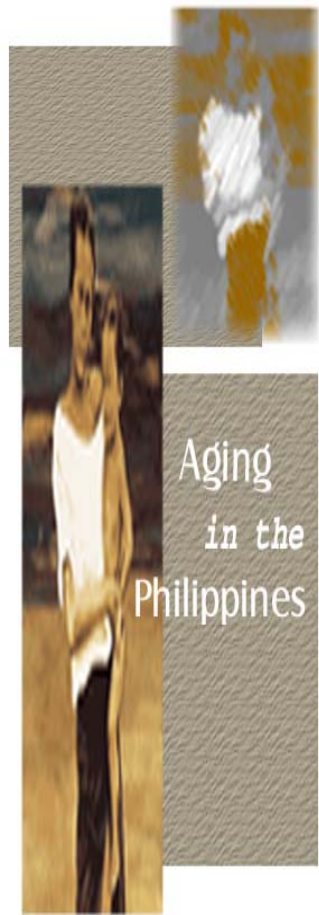
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# Remaining years healthy and unhealthy by Gender: Philippines, 1996 (measure: NAGI)

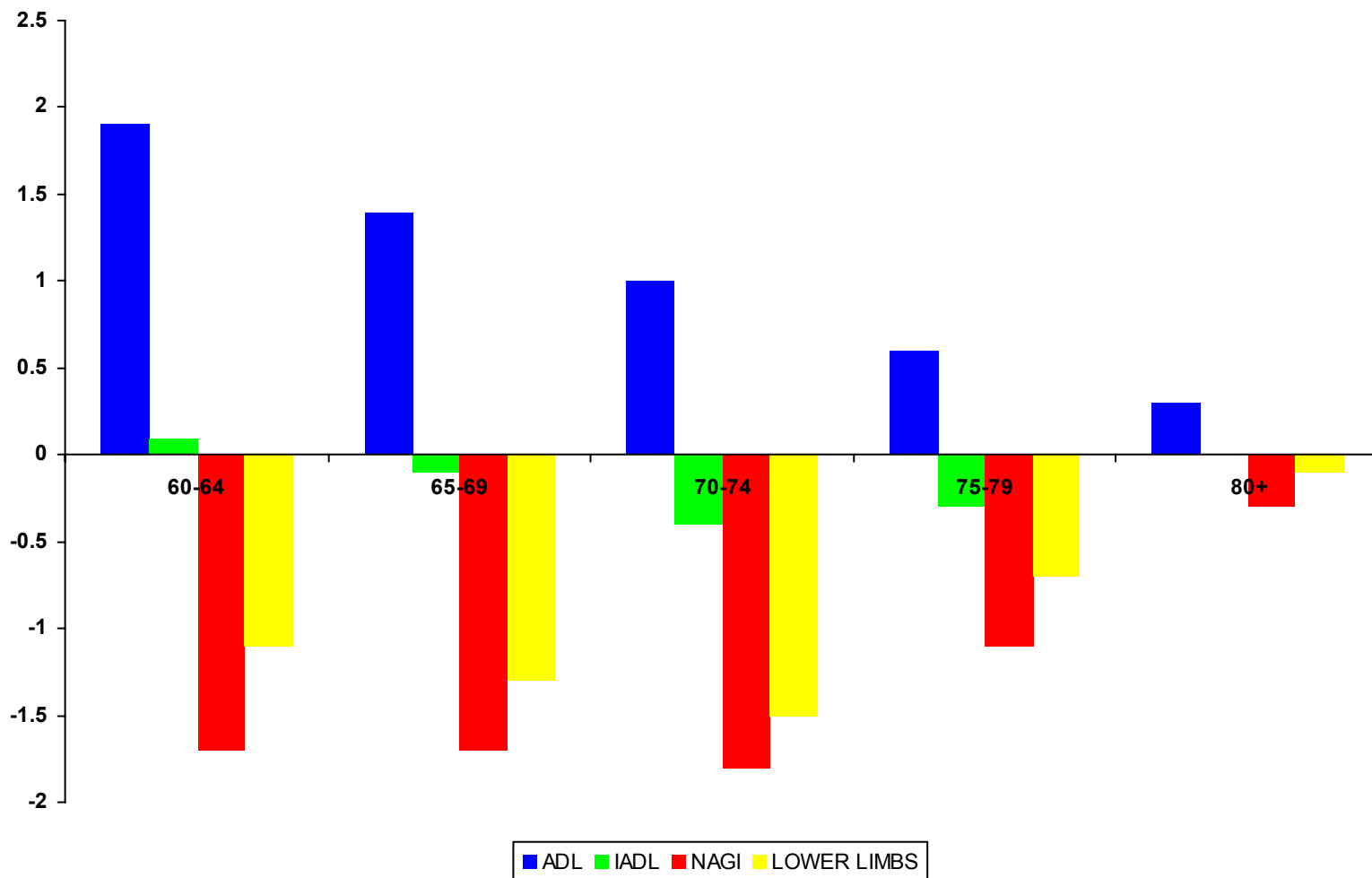


# Remaining years healthy and unhealthy by Gender: Philippines 1996

(measure: activities using the lower limbs)

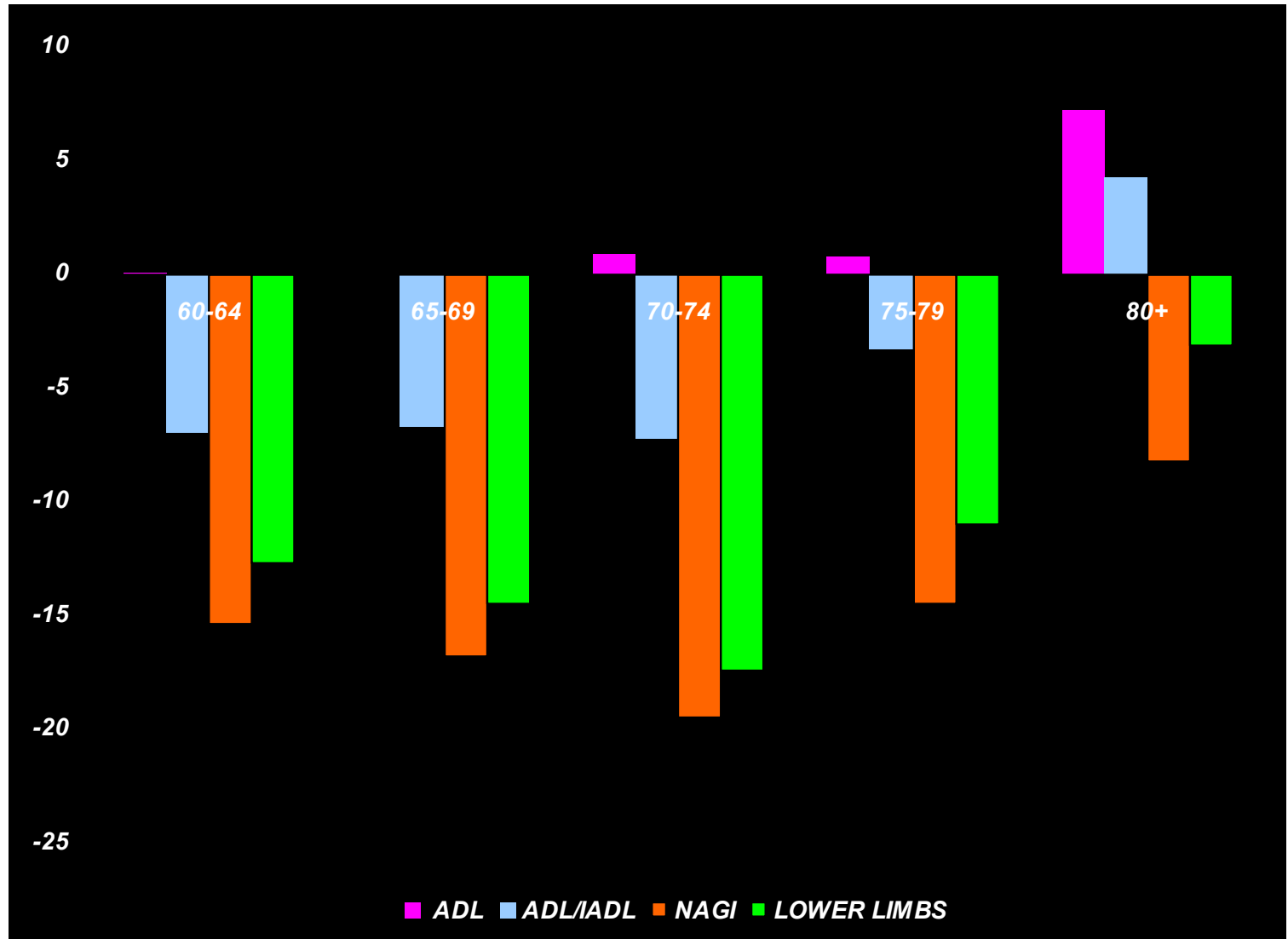
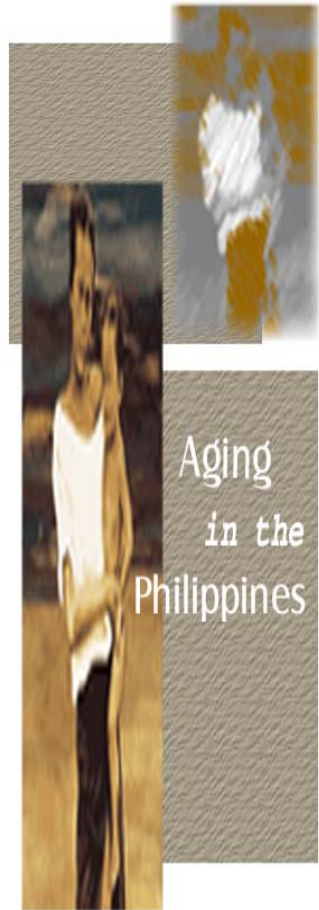


# Gender differentials in life expectancy without disability by various measures: Philippines 1996 (Female-Male)

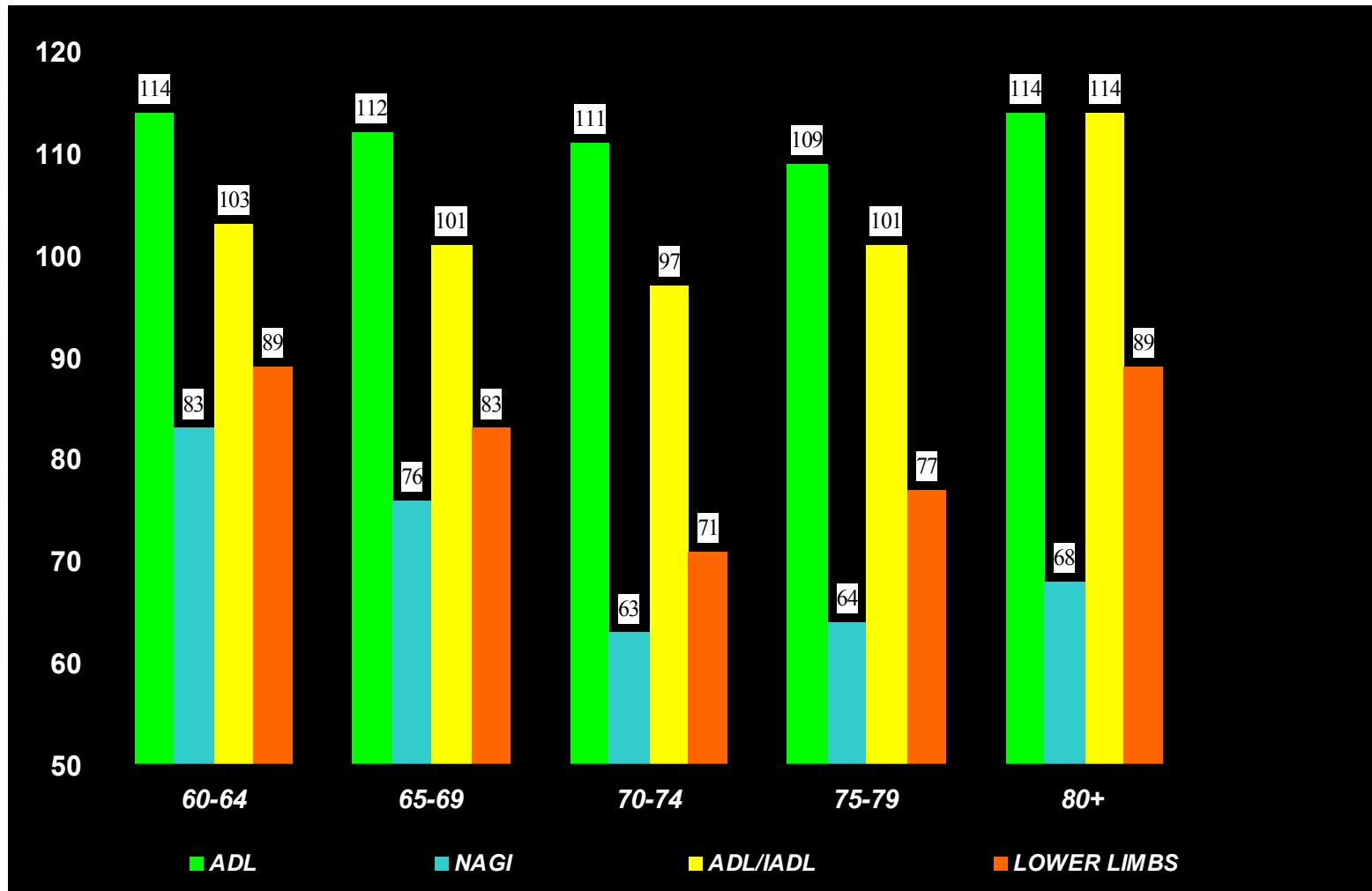
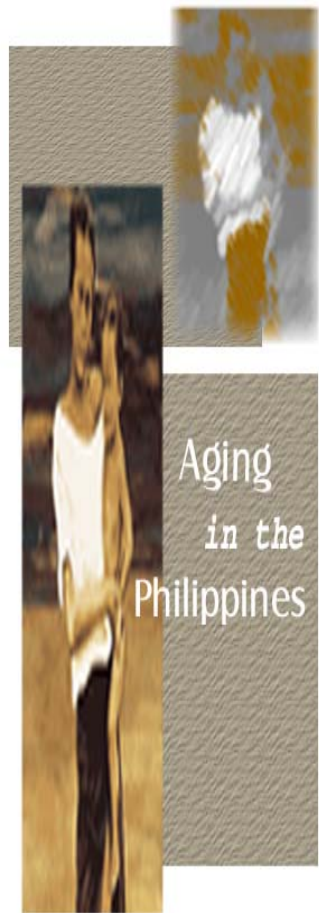


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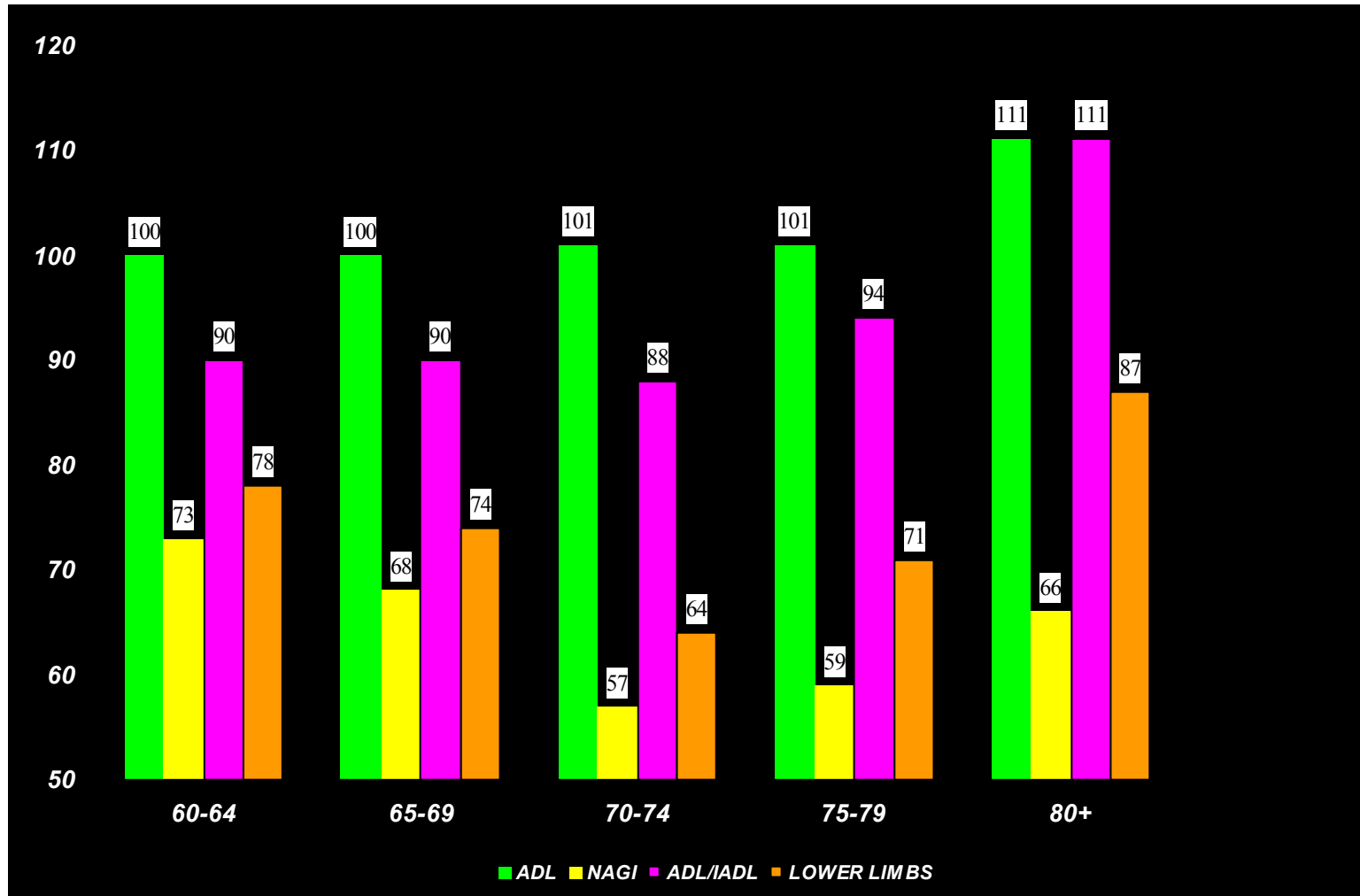
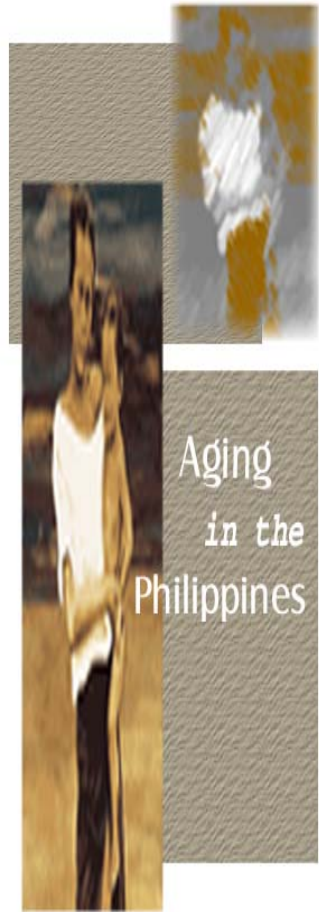
# Gender differentials (F-M) in % of remaining life healthy by various measures : Philippines, 1996



# Sex ratio (F/M) of remaining life expectancy without disability by various measures: Philippines 1996(F-M)



# Sex ratio (F/M) of percent of life lived without disability by various measures: Philippines 1996(F-M)



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Ongoing analysis: active life expectancy  
using multistate LT approach employing the  
IMACH program.



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