

# Healthy life expectancies in Spain 1986-2007

Disability-free life expectancy  
and Life expectancy in good  
perceived health in Spain and its  
Autonomous Communities





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E IGUALDAD



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# Introduction

The continuous rise in life expectancy (LE) which has been observed over recent decades mainly in the developed countries, has major health and social consequences as a result of the relative increase in the number of elderly and aging people and the predominating chronic diseases and disability in the morbidity pattern<sup>1</sup>. The years an individual lives will not all be in perfect health, and the rise found to exist in the LE in a population might not go hand in hand with an increase in their health. The question which must be posed today is whether the continuing improvement in the risk of mortality which has been recorded is going hand in hand with the population's increasing degree of health, or what is the same: Are the years of life gained years lived in good health, and to what extent? To answer this question, it is necessary for indicators such as healthy life expectancy (HLE) to be used, this being a diverse set of indicators taking into account not only the population's experiencing mortality, but also the experiencing of morbidity or disability<sup>2</sup>. In keeping with the compression of morbidity model described by Fries in 1980<sup>3</sup>, there are two possible scenarios: 1) compression of morbidity when the HLE in a population grows more than the LE, and the population in question is therefore not only living more years, but that a larger

percentage of the years of life gained will be healthy years and 2) expansion of morbidity, whenever the opposite is true, and the HLE grows less than the LE, as a result of which years of life will be being gained, in good part, as a result of years lived in poor health.

The first reference to an HLE indicator was that of Sanders in 1964, the year in which this author calculated disability-free life expectancy estimates (DFLE) by means of the life table for calculating the probability of survival taking into account an individual's current functional condition<sup>4</sup>. Subsequently, in 1971, Sullivan defined and calculated the DFLE as we understand it today<sup>5</sup>. Despite the attractive proposal, the development of the indicator went into a slump during the seventies: the OECD not having included it on its list of social indicators, and the WHO incorporating it solely as an optional indicator<sup>6</sup>. It was as of the eighties when new estimates adapting this indicator to the availability of data in their information systems progressively began appearing and when this indicator started being taken into account for its potential use in health care planning<sup>7</sup>. In the nineties, a large part of the developed countries were already availing of estimates<sup>8-14</sup> and the DFLE and other HLE indicators were incorporated into many of the health condition and assessment reports being made around the world<sup>15-18</sup>.

For calculating the HLE indicators, the Sullivan method, or the prevalence proportions method, is used. Although a number of methods exist for calculating the probability of developing a health problem, which, in the case of disability, would have to take into account its reversible nature<sup>19</sup> (and, therefore, the probabilities of transition between healthiness and disability), this method being based on incidence data and requiring the availability of longitudinal studies, its use therefore being limited. Hence, the most widely-used and accepted method is the Sullivan method, which utilizes prevalence data to weight the mortality experience on the life table. For using this method, mortality data and prevalence data from some type of health-related measurement are needed: disability, morbidity, restricted activity, self-perceived health, etc. generally taken from surveys on representative samples of the general population<sup>20</sup>. Using one or the other health measurement will provide different HLE indicators which will not be comparable to one another but which share one same conceptual interpretation. Thus, the HLE can be interpreted as the average number of years of life that an individual would expect to live in good health (disability-free, in self-perceived good health, etc.) in a certain population at a given age if the current mortality rates and the current poor health prevalences (disability, self-perceived poor

health, etc.) by age are observed in that same population. The same is true for the LE, the HLE indicators being independent of the size of the population and of its structure by age, they thus affording the possibility of comparing different population groups and different populations.

The health measurement used for calculating the HLE indicators varies considerably among one study and another and is usually conditioned by the availability of the health-related information in the surveys and populational studies conducted. The measurement most used is disability, giving rise to DFLE, the most classic of the HLE indicators. The disability measurement may however vary and does, in fact, vary considerably from one study to another, the comparability among some estimates and others, even regarding one same indicator, therefore not being assured. Another health measurement used a great deal for obtaining HLE indicators is self-perceived health, giving rise to the indicator known as the life expectancy in good perceived health (LEGH)<sup>8, 14</sup>. Although less often, chronic morbidity<sup>21</sup> or even the prevalence of specific chronic diseases and conditions such as dementia<sup>22</sup> or diabetes<sup>23</sup> has been used.

This report provides the estimates made for the DFLE and LEGH indicators over three time periods as of the mid eighties for the main purpose of ascertaining the trend in

these indicators both among Spain's overall population as a whole and among the populations of the different Autonomous Communities.

## Methodology

Estimates of the DFLE and LEGH have been made for Spain. The DFLE was calculated for the years 1986, 1999 and 2007, the LEGH having been calculated for the years 1987, 1997 and 2007. For the first two periods researched, the life tables published by the Spanish National Institute of Statistics (INE) were used, whilst the life tables created by Spain's Health Information Institute (IIS) were used for 2007. In both cases, these tables are condensed into five-year age groups. The life table uses the mortality experience of a population during a certain year, which is applied to a fictitious cohort of 100,000 live births. Although the calculation is based on a fictitious aspect (the size of the population), the life table reflects the real mortality experience of the population in question.

The disability related information for calculating the DFLE came from the 1986 Survey on Deficiencies, Disabilities and Handicaps, from the 1999 Survey on Disabilities and Health Condition and from the 2008 Survey on Disabilities, Personal Self-Sufficiency and Situations of Dependence, all

of which were conducted by the Spanish Institute of Statistics (INE) on representative samples of Spain's non-institutionalized population. For calculating the prevalence of disability by gender and five-year age groups, the presence of some type of disability of those included on the questionnaires of the aforementioned surveys was taken into account.

In all of the surveys, a subject was considered to have a disability if they had any severe self-perceived limitation such that the sum of the length of time the subject had had the disability in question and the length of time the subject was expected to continue having the same disability was of one year or longer. Table 1 provides the classifications of disabilities used in each one of the surveys. All of the questions as a whole which investigated the disabilities on each survey were basically similar, except in the case of the questions which investigated the inability to walk up stairs and the inability to run, which were included solely in the 1986 survey. It was for this reason that it was considered best to exclude this type of inabilities from the year 1986 so that the estimates for that year would be comparable to the estimates for the 1999 and 2007 surveys. Therefore, the DFLE estimates in 1986 provided in this study may differ from those others published in prior reports.

It must also be pointed out that, no subjects under six years of age

were asked about those disabilities in 1999 and 2007, given that it was considered quite difficult to know the foreseeable length of a disability among this age group. On the other hand, specific limitations of this age group were investigated.

In any case, their impact on the DFLE trend in the three points was foreseeably insignificant, given that the percentage of subjects under six years of age who had some disability/limitation remained at around 2 percent.

**Table 1. Classification of the disabilities for all subjects (1986) and for the subjects 6 years of age or older (1999 and 2007) in the three surveys used in the report**

1986	1999	2007
Seeing	Seeing	Eyesight
Hearing	Hearing	Hearing
Speaking	Communicating with others	Communication
Other communication-related	Learning, applying knowledge and performing tasks	Learning and applying knowledge and performing tasks
Walking		
Walking up stairs	Getting around	Mobility
Running	Using arms and hands	Self-care
Activities of daily living	Getting around outside of home	Life at home
Getting out of the house	Taking care of self	Interactions and personal relations
Personal care	Doing household chores	
Dependence	Relations with other people	
Environmental		
Self-conduct		
Conduct with others		

Finally, it should be noted that the estimates for Ceuta and Melilla are presented together in order to reduce the random error. On the other hand, does not present estimates for the two autonomous cities in 1986 because they were not included in the sample of the disability survey conducted that year.

For calculating the LEGH, the self-perceived health-related information from the national health surveys for 1987, 1997 and 2007 were used. For the purpose of offsetting the small size of the sample in the 1997 survey in comparison to that of the other two periods, the samples for 1995 and 1997 have been analyzed together as a whole, although reference be made solely to the latter of these two years. In all of the aforementioned surveys, the self-perceived health information was gathered by way of the following question:

*Over the last twelve months, would you say that your health has been very good, good, fair, poor or very poor?*

Poor health was considered to be when the answer was fair, poor or very poor. Due to the sample of the 1987 survey not having included the population under one year of age, a prevalence equal to zero has been assumed for this age group for both that year as well as for the 1997 and 2007 surveys.

For calculating the DFLE and the LEGH, the Sullivan method or the prevalence proportion method has been used, consisting of subtracting the

number of years lived with a disability or in poor health from the number of years lived by the theoretical cohort of 100,000 people born alive stated on the life table. For this purpose, the number of years lived in each one of the age intervals ( ${}_nL_x$ ) will be weighted by the complement of the prevalence of disability or poor health within that same interval, thus  $(1-p_x)$ , calculating the number of disability-free years (or years in good health) lived in each age interval by the theoretical cohort of 100,000 persons born alive. As of this point, the calculation of the DFLE (and the LEGH) is similar to that of the LE and is obtained by dividing the number of years lived disability-free (or in good health) as of the “x” age interval onward, by the number of survivors at the start of each age interval.

The probabilities of survival (S) and of disability-free survival (DFS) of the theoretical cohort of 100,000 subjects were also calculated. For calculating the “S”, the number of survivors at the start of each age interval ( $l_x$ ) is divided by the 100,000 people born alive. The DFS is calculated similarly, although  $l_x$  must first be weighted by the complement of disability or of poor health  $(1-p_x)$  or, what is the same, weight the “S” by  $(1-p_x)$ . Stated in percentage form, both survivals would be obtained as follows:

$$S = \frac{l_x}{100,000} \times 100$$

$$DFS = \frac{l_x(1-p_x)}{100,000} \times 100$$

In the case of the DFS, the age at which 50% of the cohort survives free of disability was estimated. As these life tables are abbreviated into five-year age groups, for calculating the age at which 50% of the cohort survives free of disability, it has been assumed that the mortality and the disability are spread homogeneously throughout each age interval.

Estimates are provided for the DFLE at birth and at 65 years of age in males and females and by Autonomous Communities. In the case of the LEGH, no results are provided by Autonomous Communities. The reason for this is the random error introduced by the smaller sample sizes of the health surveys as compared to the 200,000 subjects investigated in the disability surveys, the samples of the health surveys having included around 20,000 individuals.

In addition to the estimates by gender and, wherever applicable, by Autonomous Communities, the percentage of year lived without any disability (or in good health) has been calculated as follows

$$\frac{DFLE}{LE} \times 100$$

$$\frac{LEGH}{LE} \times 100$$

Similarly, in addition to the results provided in following, more detailed information on LE, DFLE by gender and Autonomous Communities and

graphics for the S and DFS in the different Autonomous Communities are provided in the Annexes at the end of this report.

## Results

### Disability-Free Life Expectancy (DFLE)

#### DFLE at birth (DFLE<sub>b</sub>)

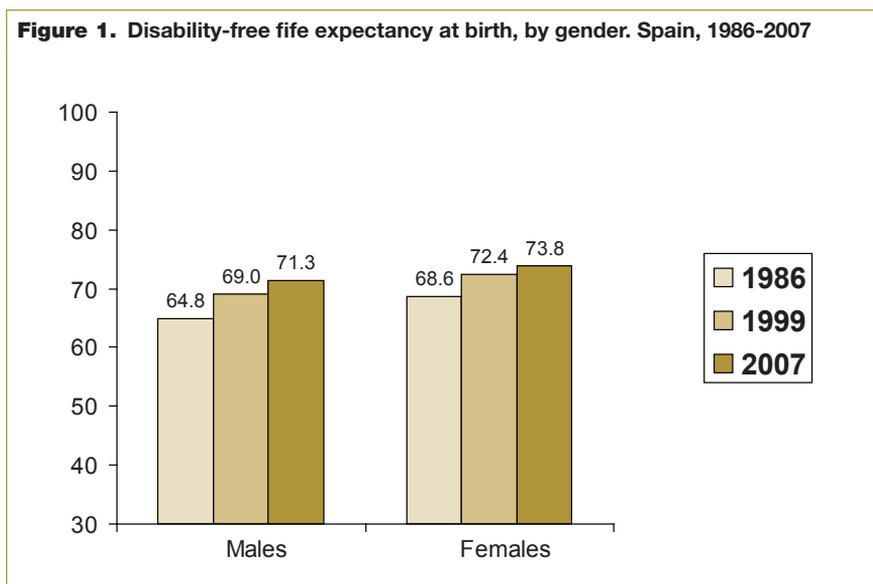
The DFLE<sub>b</sub> in Spain in 2007 was 72.6 years – 71.3 in males and 73.8 in females (Table 1, Figure 1). As of 1986, when the DFLE<sub>b</sub> was 66.7 years (64.8 in males and 68.6 in females), it rose by nearly 6 years, the rise being greater among males (6.5 years) than among females (5.2 years). This growth was greater than the that found in the life expectancy at birth (LE<sub>b</sub>), which increased by 4.7 years (4.6 in males and 4.7 in females) during the same period.

Figures 2 and 3 provide the survival (S) and disability-free survival (DFS) curves in males and females for the three years in question. As will be noted, the age at which 50% of the cohort survives free of disability for one gender and the other increased during the two decades studied. If said age was 69 years in 1986 in males and 72 years in females, it was then 75 years in males and 77 years in females in 2007.

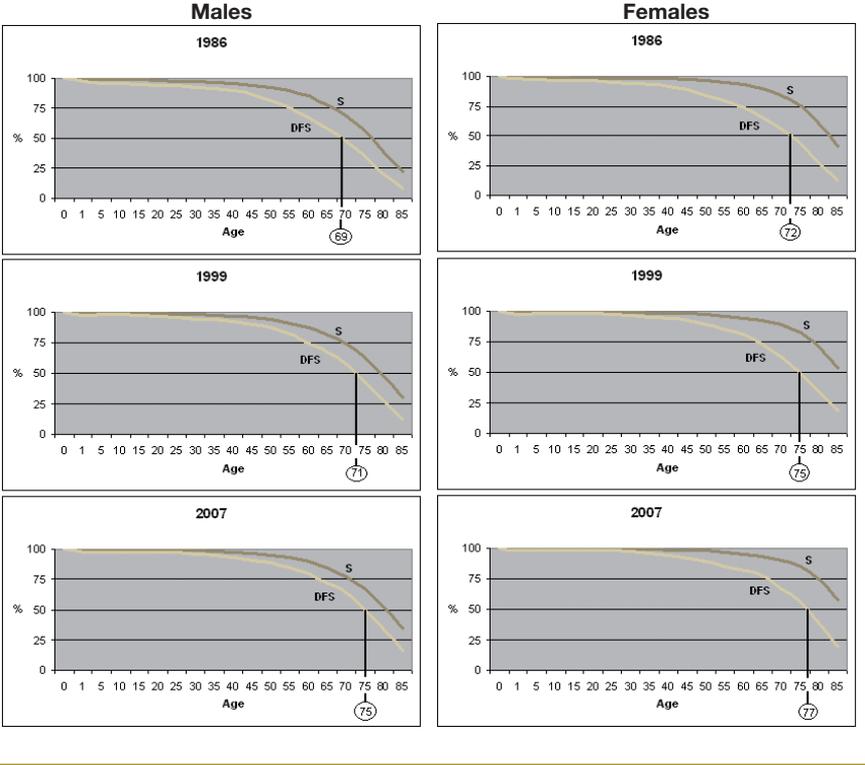
**Table 1. Life expectancy (LE) and disability-free life expectancy (DFLE) at birth and at 65 years of age, by gender. Spain, 1986, 1999 and 2007**

	LE			DFLE		
	1986	1999	2007	1986	1999	2007
<i>At birth</i>						
Total	76.4	79.4	81.1	66.7	70.7	72.6
Males	73.2	76.1	77.8	64.8	69.0	71.3
Females	79.6	82.8	84.3	68.6	72.4	73.8
<i>At 65 years of age</i>						
Total	16.9	18.8	20.0	10.3	12.2	13.1
Males	15.0	16.7	17.8	9.7	11.7	13.2
Females	18.4	20.6	21.9	10.8	12.6	13.7

**Figure 1. Disability-free life expectancy at birth, by gender. Spain, 1986-2007**



**Figures 2 and 3. Survival (S) and Disability-free survival (DFS). Spain 1986, 1999 and 2007**



In 2007, the difference between males and females in relation to the  $LE_b$  was 6.5 years in favor of the females, however dropping to 2.5 years when the  $DFLE_b$  is taken into account (Table 2). Whilst the

differences in the  $LE_b$  between males and females have remained constant since 1986, the differences in the  $DFLE_b$  have lowered, going from 3.8 years in 1986 to 2.5 years in 2007.

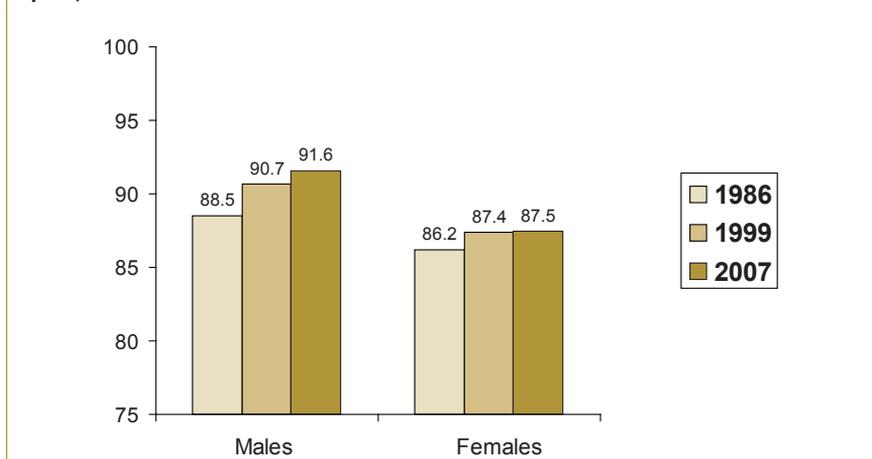
**Table 2. Differences by gender (females - males) in the life expectancy (LE) and the disability-free life expectancy (DFLE) at birth and at 65 years of age. Spain, 1986-2007**

	LE			DFLE		
	1986	1999	2007	1986	1999	2007
At birth	6.5	6.8	6.5	3.8	3.4	2.5
At 65 years of	3.4	3.9	4.1	1.1	0.9	0.5

In the year 2007, 89.5% of the years of  $LE_b$  (91.6% in males and 87.5% in females) were lived free of disability (Figure 4). This percentage has been rising since 1986, when it was 87.2% (88.5% in males and 86.2% in females). Logically, this reflects the drop in the number of years lived with disability from 1986 to 2007, in both one gender and the other, as is shown in Figure 5. In males, the

number of years of disability went from 8.4 in 1986 to 6.5 in 2007; and in females, from 11 years to 10.5 years within the same period. Despite the rise having taken place in both one gender and the other, the percentage of the disability-free years lived in relation to the  $LE_b$  is greater among the males than among the females (Figure 4).

**Figure 4. Percentage of life expectancy at birth lived free of disability by gender. Spain, 1986-2007**



**Figure 5. Years lived with disability and free of disability at birth. Spain 1986, 1999 and 2007**

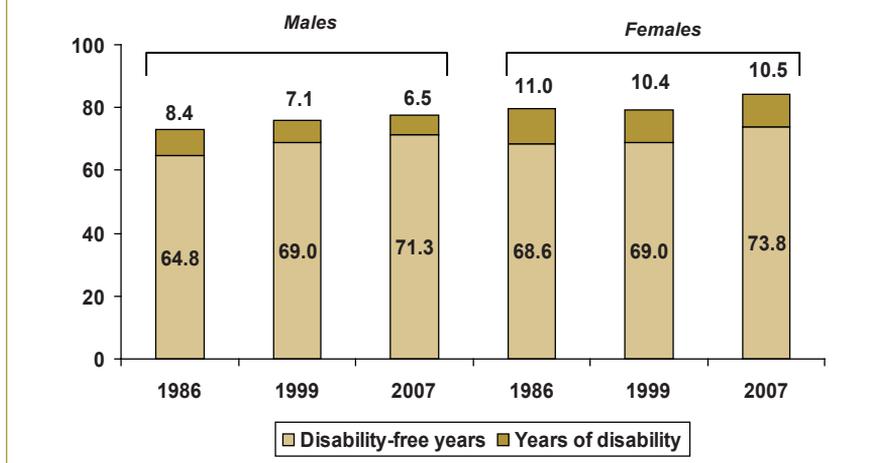


Table 3 shows the  $DFLE_b$  by Autonomous Communities from 1986 to 2007. In the latter of these two years, La Rioja (76 years), Navarre (75 years), Cantabria (74.8 years) and Catalonia (74.3 years) were the autonomous communities having the highest  $DFLE_b$ , whilst Ceuta and Melilla (67.2) Murcia (70.3 years), Andalucia (70.6 years) and Extremadura and the Valencian Community (both 71.1 years) were the autonomous communities with the lowest  $DFLE_b$ . The difference between the autonomous communities with the highest and lowest  $DFLE_b$  in 2007 was of 5.7 years, a smaller difference than that found in 1986 (6.3 years) and in 1999 (7.4 years). Figures 6 and 7 show the geographical pattern of the  $DFLE_b$  in 1986 and 2007. If this pattern does not seem well-defined in 1986, it is characterized in 2007 by a lower  $DFLE_b$  in the southern and in the southeastern parts of Spain.

Between 1986 and 2007, the  $DFLE_b$  grew throughout all the autonomous communities (Table 4). Cantabria, with 9.2 years, was the Community where the  $DFLE_b$  increased the most, followed by Madrid (8.6 years), the Canary Islands (8.5 years) and the Basque Country (8.2 years). On its part, Murcia, which recorded a 1.6-year increase between 1986 and 2007, was the autonomous community where the indicator grew to the least degree. Along with Murcia, the Valencian Community, with 3.7 years; Extremadura, with 4.6 years and Galicia and Castilla and Leon, both with 4.7 years, were the autonomous communities showing the least growth in the  $DFLE_b$  throughout the two decades in question. For its part, between 1999 and 2007, the  $DFLE_b$  fell in Ceuta and Melilla from 68 years to 67.2. The data in Table 4 shows that, in most of the autonomous communities, the  $DFLE_b$  grew more

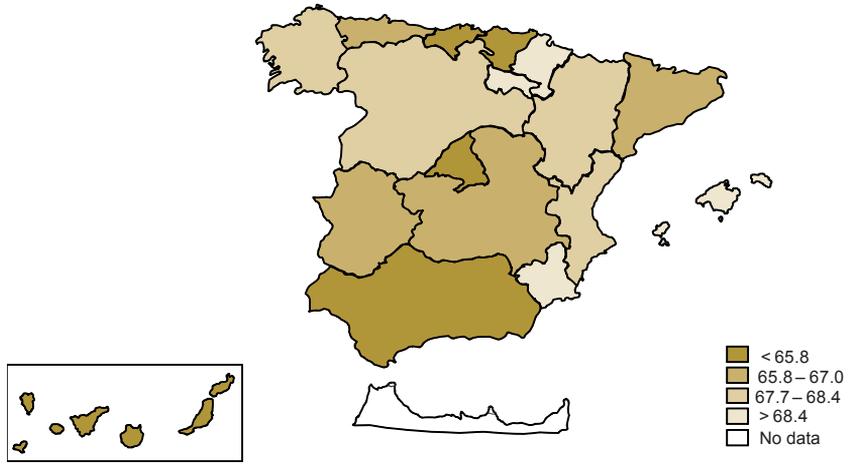
than the  $LE_b$  within the 1986 -2007 period, which would indicate that a compression of the morbidity is taking place toward the more advanced ages. This morbidity compression effect was especially significant in the autonomous communities of Cantabria, Madrid, the Canary Islands

and Catalonia. To the contrary, in some other autonomous communities, the  $LE_b$  grew to a greater extent than the  $DFLE_b$ , which could indicate an expansion of the morbidity, an effect which was especially pronounced in the autonomous community of Murcia.

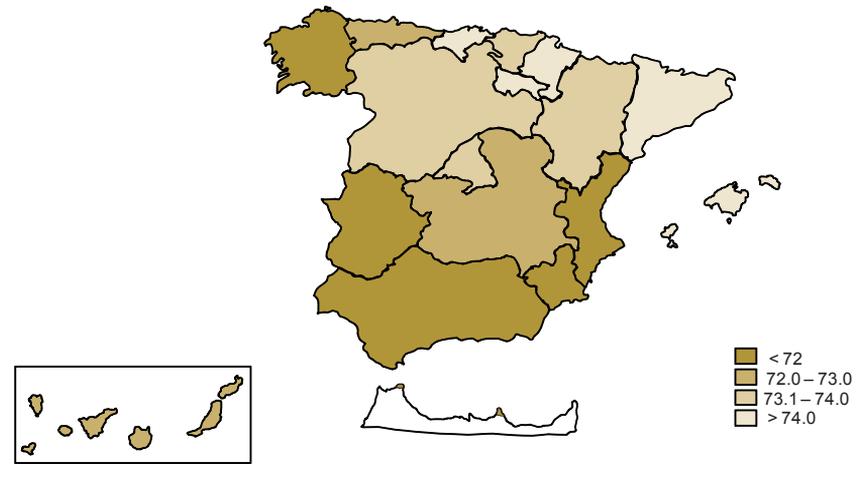
**Table 3. Life expectancy (LE) and disability-free life expectancy (DFLE) at birth, by autonomous community. Spain, 1986-2007**

	LE			DFLE		
	1986	1999	2007	1986	1999	2007
Spain	76.4	79.4	81.1	66.7	70.7	72.6
Andalusia	75.5	78.3	79.8	65.2	67.9	70.6
Aragon	76.8	80.1	81.7	68.3	72.8	73.9
Asturias	75.9	79.2	80.4	66.9	71.1	72.5
Balearic Islands	74.8	78.7	81.7	68.6	71.3	74.1
Canary Islands	75.6	77.7	80.4	64.0	70.4	72.5
Cantabria	77.0	79.8	81.1	65.6	71.1	74.8
Castilla & Leon	76.9	80.8	82.1	68.4	70.7	73.1
Castilla-La Mancha	77.0	80.1	81.5	66.6	71.0	72.4
Catalonia	77.0	79.7	81.6	67.0	70.7	74.3
Valencian Community	75.9	78.8	80.6	67.4	70.9	71.1
Extremadura	75.9	79.0	80.6	66.5	70.0	71.1
Galicia	76.0	79.5	81.0	67.3	70.6	71.9
Madrid	78.0	80.4	82.4	65.4	73.1	74.0
Murcia	75.8	78.6	80.5	68.7	67.7	70.3
Navarre	76.9	80.7	82.5	70.3	72.8	75.0
Basque Country	75.3	79.9	81.6	65.7	72.8	73.9
La Rioja	76.3	80.5	81.7	68.6	75.1	76.0
Ceuta and Melilla	–	78.0	79.5	–	68.0	67.2

**Figure 6. Disability-free life expectancy at birth by autonomous communities. Spain, 1986**



**Figure 7. Disability-free life expectancy at birth by autonomous communities. Spain, 2007**



**Table 4. Life expectancy (LE) and disability-free life expectancy (DFLE) at birth and at 65 years of age, by autonomous communities. Difference between 2007 and 1986**

	At birth		At 65 years of age	
	LE	DFLE	LE	DFLE
Spain	4.7	5.9	3.1	2.8
Andalusia	4.3	5.4	2.8	2.8
Aragon	4.9	5.6	3.5	3.4
Asturias	4.5	5.6	3.0	3.1
Balearic Islands	6.9	5.6	4.1	3.1
Canary Islands	4.8	8.5	3.3	4.5
Cantabria	4.1	9.2	2.8	5.6
Castilla & Leon	5.2	4.7	3.9	2.6
Castilla-La Mancha	4.6	5.9	3.2	3.4
Catalonia	4.6	7.3	3.1	4.1
Valencian Community	4.7	3.7	3.5	2.3
Extremadura	4.8	4.6	3.0	2.6
Galicia	4.9	4.7	3.2	2.0
Madrid	4.5	8.6	2.8	4.8
Murcia	4.8	1.6	3.3	1.0
Navarre	5.7	4.8	3.5	2.5
Basque Country	6.3	8.2	3.7	4.3
La Rioja	5.4	7.4	3.2	4.3

Table 5 shows the percentage of the  $LE_b$  which was lived free of disability. In 2007, La Rioja (93%), Cantabria (92.2%) and Catalonia (91.0%) were the autonomous communities in which this percentage was the highest, whilst Ceuta and Melilla (84.5%) Murcia (87.3%) and Extremadura and the Valencian Community (both with 88.2%) were the autonomous communities with the lowest percentages. As of 1986,

this percentage of disability-free years lived increased throughout all the autonomous communities with the exception of Murcia, where it went from 90.6% in 1986 to 87.3% in 2007; and in the Balearic Islands, the Valencian Community and Navarre, the autonomous communities where it dropped slightly. This percentage was also reduced in Ceuta and Melilla between 1999 and 2007.

DFLE at 65 years of age (DFLE<sub>65</sub>)

In 2007, the DFLE<sub>65</sub> in Spain was 13.1 years –13.2 in males and 13.7 in females – (Table 1 and Figure 8). As of 1986, the DFLE<sub>65</sub> increased by 2.8 years among Spain's population as a whole. This increase was somewhat greater among the males, where this

indicator rose by 3.5 years during the 1986-2007 period, than among the females, where the DFLE<sub>65</sub> rose by 2.9 years. From 1986 to 2007, the LE at 65 years of age (LE<sub>65</sub>) in females grew to a greater extent than the DFLE<sub>65</sub>, whilst the opposite occurred among the males: a greater growth in the DFLE than in the LE at 65 years of age.

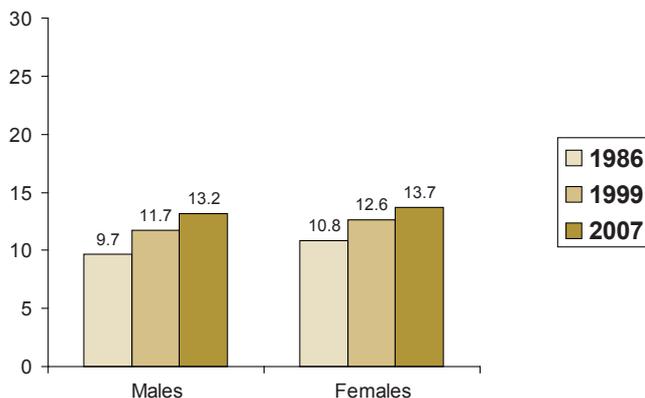
**Table 5. Percentage of disability-free life expectancy at birth and at 65 years of age, by autonomous communities. Spain, 1986-2007**

	At birth			At 65 years of age		
	1986	1999	2007	1986	1999	2007
Spain	87.3	89.0	89.5	60.9	64.9	65.5
Andalusia	86.3	86.8	88.4	57.4	57.3	63.7
Aragon	88.9	90.9	90.5	65.2	70.2	70.6
Asturias	88.1	89.8	90.2	63.4	67.5	69.4
Balearic Islands	91.6	90.6	90.8	71.6	71.7	72.4
Canary Islands	84.7	90.6	90.2	55.6	69.6	69.2
Cantabria	85.2	89.1	92.2	55.6	65.4	75.8
Castilla & Leon	88.9	87.5	89.0	66.1	59.3	66.2
Castilla-La Mancha	86.5	88.6	88.8	57.2	63.4	64.7
Catalonia	87.0	88.7	91.0	61.9	63.5	72.6
Valencian Community	88.8	90.0	88.2	62.7	66.7	63.3
Extremadura	87.6	88.6	88.2	59.7	61.0	63.7
Galicia	88.4	88.8	88.8	65.7	64.6	65.0
Madrid	83.9	90.9	89.8	52.5	70.9	68.3
Murcia	90.6	86.2	87.3	66.9	55.2	60.4
Navarre	91.4	90.2	90.9	68.9	67.3	69.3
Basque Country	87.2	91.1	90.5	60.2	72.4	70.3
La Rioja	89.9	93.3	93.0	67.7	78.6	78.0
Ceuta and Melilla	–	87.2	84.5	–	60.5	52.9

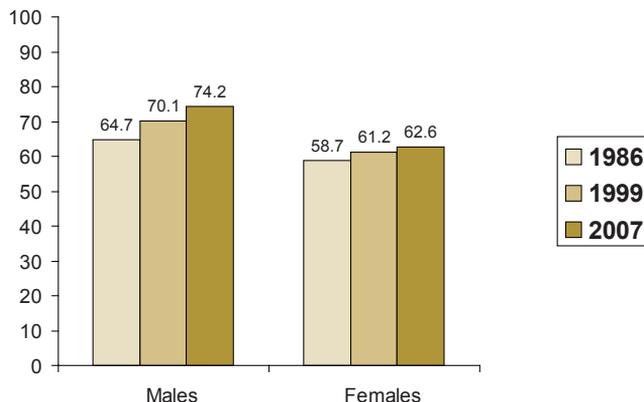
In 2007, the difference between one gender and the other, which in relation to the  $LE_{65}$  is of 4.1 years in favor of the females, is shortened to half a year when the disability is taken into account (Table 2). As is shown in the Table, whilst the

difference between females and males in the  $LE_{65}$  has been increasing over the past two decades (rising from 3.4 years in 1986 to 4.1 years in 2007), said difference was reduced in the  $DFLE_{65}$ , dropping from 1.1 years in 1986 to 0.5 years in 2007.

**Figure 8. Disability-free life expectancy at 65 years of age by gender. Spain, 1986-2007**



**Figure 9. Percentage of life expectancy at 65 years of age lived without disability, by gender. Spain, 1986-2007**



In 2007, 65.5% of the years of  $LE_{65}$  were lived without disability. This percentage was 74.2% in males and 62.6% in females (Figure 9).

In any of the years of the period under study, the percentage of the LE at 65 years of age which is lived free of disability is greater in males than in females. Figure 9 shows the upward trend of this percentage as of 1986 in both one gender and the other, although this increase was greater in males, where it rose from 64.7% in 1986 to 74.2% in 2007, than in females, where the percentage rose from 58.7% to 62.6% during that same period.

Table 6 shows the  $DFLE_{65}$  by autonomous communities throughout the 1986-2007 period. During this last year, just as was found with regard to the  $DFLE_b$ , La Rioja (16 years) was the autonomous community with the greatest  $DFLE_{65}$ , followed by Cantabria (15.3 years) and the Balearic Islands and Catalonia, both with 14.7 years. On its part, once again tallying with the results found with the  $DFLE_b$ , Ceuta and Melilla (10.1 years), Murcia (11.7 years), Andalusia (12.0 years) and Valencian Community and Extremadura, with 12.4 and 12.5 years respectively, were the autonomous communities with the lowest  $DFLE_{65}$ . In 2007, the difference between the autonomous communities with highest and the lowest  $DFLE_{65}$  was of 4.3 years, a lesser difference than that found in 1999 (5.4 years) and greater than that recorded in 1986 (3 years). Figures 10 and 11 show the geographical pattern in 1986 and 2007, similar in both

periods and characterized in general by a lower  $DFLE_{65}$  in southern and southeastern Spain

From 1986 to 2007, the  $DFLE_{65}$  grew throughout all of the autonomous communities (Table 4). Cantabria, with its 5.6-year increase, having been the autonomous community having recorded the greatest increase, followed by Madrid (4.8 years), the Canary Islands (4.5 years) and La Rioja and the Basque Country, both with 4.3-year increases in the  $DFLE_{65}$  within the 1986 -2007 period. On its part, Murcia, which recorded one year of increase during the study period, was the autonomous community where the  $DFLE_{65}$  grew to the least degree, followed by Galicia (2 years) and the Valencian Community (2.3 years). The data from Table 4 shows that in approximately half of the autonomous communities, the  $DFLE_{65}$  grew within the 1986-2007 period more than the  $LE_{65}$ , this growth having been especially pronounced in the autonomous communities of Cantabria and Madrid. To the contrary, in some other autonomous communities, the  $LE_b$  grew to a greater degree than the  $DFLE_b$ . This effect was especially significant in Murcia, where the  $LE_b$  grew from 1986 to 2007 more than three years, whilst the  $DFLE_b$  barely increased in one year.

The same is found to be true for the  $DFLE_b$ , La Rioja (78%), Cantabria (75.8%) and Catalonia (72.6%) having been the autonomous communities in which the highest percentage of  $LE_{65}$  were lived free of disability in 2007 (Table 5).

**Table 6. Life expectancy (LE) and disability-free life expectancy (DFLE) at 65 years of age, by autonomous communities. Spain, 1986-2007**

	LE			DFLE		
	1986	1999	2007	1986	1999	2007
Spain	16.9	18.8	20.0	10.3	12.2	13.1
Andalusia	16.1	17.8	18.8	9.2	10.2	12.0
Aragon	17.0	19.3	20.5	11.1	13.6	14.5
Asturias	16.7	18.7	19.7	10.6	12.6	13.7
Balearic Islands	16.2	18.3	20.3	11.6	13.2	14.7
Canary Islands	16.3	17.9	19.7	9.1	12.5	13.6
Cantabria	17.4	19.2	20.2	9.7	12.5	15.3
Castilla & Leon	17.1	20.0	21.0	11.3	11.9	13.9
Castilla-La Mancha	17.0	19.1	20.2	9.7	12.1	13.1
Catalonia	17.2	19.0	20.3	10.6	12.1	14.7
Valencian Community	16.1	18.2	19.6	10.1	12.1	12.4
Extremadura	16.6	18.6	19.6	9.9	11.3	12.5
Galicia	17.1	19.3	20.3	11.2	12.5	13.2
Madrid	18.1	19.4	21.0	9.5	13.8	14.3
Murcia	16.1	18.2	19.4	10.7	10.0	11.7
Navarre	17.6	19.6	21.1	12.1	13.2	14.6
Basque Country	17.0	19.2	20.6	10.2	13.9	14.5
La Rioja	17.3	19.7	20.5	11.7	15.5	16.0
Ceuta and Melilla	–	17.7	19.1	–	10.7	10.1

**Figure 10.** Disability-free life expectancy at 65 years of age, by autonomous communities. Spain, 1986



**Figure 11.** Disability-free life expectancy at 65 years of age, by autonomous communities. Spain, 2007



On its part, Ceuta and Melilla, with 52.9% of the years lived as of 65 years of age being free of disability, Murcia (60.4%), the Valencian Community (63.3%) and Extremadura (63.7%) were the autonomous communities with a lower percentage. As of 1986, this percentage of disability-free years lived grew throughout all of the Autonomous Communities with the exception of Murcia, where it dropped noticeably, and in Galicia, where it dropped slightly. This percentage was also reduced in Ceuta y Melilla between 1999 and 2007. On its part, the increase in this percentage was especially significant in Cantabria, where it went from 55.6% in 1986 to 75.8% in 2007; and in Madrid, where it

rose from 52.5% in 1986 to 68.3% in 2007.

## Life expectancy in good perceived health (LEGH)

### LEGH at birth ( $LEGH_b$ )

$LEGH_b$  in Spain in 2007 was 55.4 years - 57.3 in males and 53.5 in females (Table 7). As of 1987, when it was 53.2 years, the  $LEGH_b$  increased by 2.2 years, this increase having been greater in the males (2.9 years) than in the females (1.4 years). This increase in the  $LEGH_b$  was lesser than that found during that same period in the  $LE_b$ , which was around 4 years.

**Table 7. Life expectancy (LE) and life expectancy in good perceived health (LEGH) at birth and at 65 years of age, by gender. Spain, 1987, 1997 and 2007**

	LE			LEGH		
	1987	1997	2007	1987	1997	2007
<i>At birth</i>						
Total	77.0	78.8	81.1	53.2	54.6	55.4
Males	73.6	75.2	77.8	54.4	55.2	57.3
Females	80.3	82.3	84.3	52.1	54.3	53.5
<i>At 65 years of age</i>						
Total	17.5	18.6	20.0	6.9	7.4	7.9
Males	15.6	16.4	17.8	7.0	7.2	8.6
Females	19.1	20.5	21.9	6.7	7.7	7.2

Unlike the case of the  $DFLE_b$ , the  $LEGH_b$  is higher among males than among females. This difference in favor of the males, as is shown in Table 8, was of 3.8 years in 2007, this being a difference which has been increasing since 1987, the year

in which the males have 2.3 years more  $LEGH_b$  than females. This greater self-perceived survival in good health as compared to females contrasts with the greater  $LE_b$  of the females, who, in 2007, were outliving males by 6.5 years.

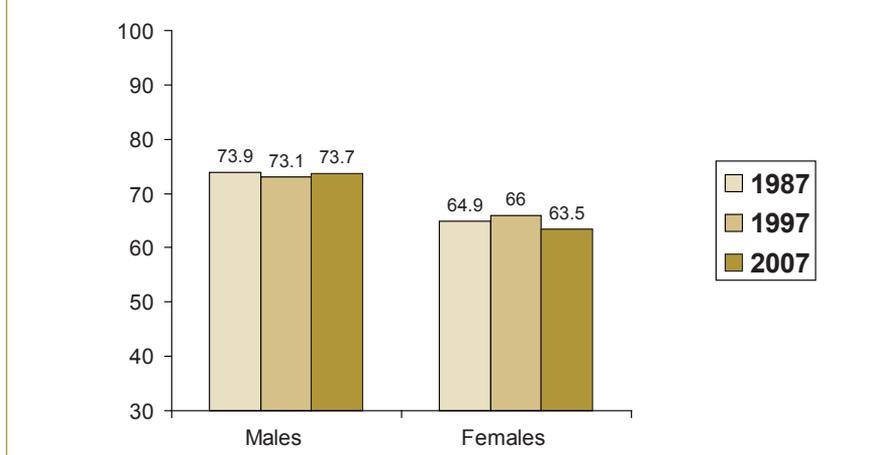
**Table 8. Differences by gender (females - males) in the life expectancy (LE) and life expectancy in good perceived health (LEGH) at birth and at 65 years of age. Spain, 1987-2007**

	LE			LEGH		
	1987	1997	2007	1987	1997	2007
At birth	6.7	7.1	6.5	-2.3	-0.9	-3.8
At 65 years of age	3.5	4.1	4.1	-0.3	0.5	-1.4

Among the overall population as a whole, 68.3% of the  $LE_b$  in 2007 was lived in self-perceived good health. This percentage has been dropping slightly since 1987, the year in which it was 69%. The percentage of years lived in self-perceived good health is greater among the males than among

the females for all of the periods studied (Figure 12). In 2007, these percentages were respectively of 73.7 for males and 63.5 for females. Also, as shown in Figure 12, whilst the percentage of years lived in self-perceived good health at birth has remained constant, it has dropped in females since 1987.

**Figure 12. Percentage of life expectancy at birth lived in good health, by gender. Spain, 1987-2007**



LEGH at 65 years of age  
( $LEGH_{65}$ )

The  $LEGH_{65}$  in Spain in 2007 was of 7.9 years – 8.6 years in males and 7.2 years in females (Table 7). As of 1987, when the  $LEGH_{65}$  in Spain was 6.9 years, it rose by 1 year, this being an increase which was greater among the males (1.6 years) than among the females (0.5 years). This increase in the  $LEGH_{65}$  was less than that found to exist during that same period in the  $LE_{65}$ , which was around 2.5 years.

Unlike the case of the  $DFLE_{65}$ , the  $LEGH_{65}$  is greater in the males than in the females. This difference in favor of the males, as shown in Table 8, was of 1.4 years in 2007, this being a difference which has been increasing since 1987, the year in which the males barely had 0.3 years more  $LEGH_{65}$  than the females. This greater survival

in self-perceived good health of the males as compared to the females contrasts with the greater  $LE_{65}$  of the females, who, in 2007, were outliving the males by 4.1 years.

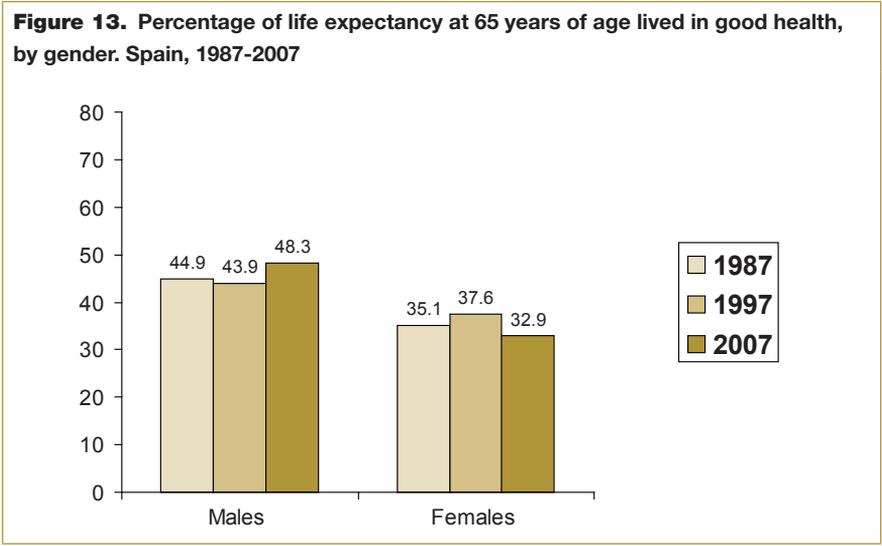
In the overall population as a whole, 39.5% of the  $LE_{65}$  in 2007 was lived in self-perceived good health. This percentage has remained stable among the overall population as a whole since 1987. By gender, in any of the years studied, the percentage of years lived in good health is greater among the males than among the females (Figure 13). In 2007, these percentages were respectively of 48.3 in males and 32.9 in females. Besides, as is shown in Figure 13, whilst this percentage increased in males within the 1987-2007 period, rising from 44.9% to 48.3% between these two years, it dropped from 35.1% in 1987 to 32.9% in 2007 in the females.

# Conclusions

## DFLE

The  $DFLE_b$  among Spain's overall population as a whole, which, in 2007, was of 72.6 years, has risen by nearly 6 years since 1986. This growth, on being greater than that undergone by the  $LE_b$  (4.7 years), suggests a morbidity compression

effect toward more advanced ages, which would indicate that a larger part of the years of life gained are lived free of disability. In fact, the percentage of the years lived which are disability-free increased during the period studied, rising from 87.2% in 1986 to 89.5% in 2007. Similarly, the age at which 50% of Spain's population survives free of disability also increased during the study period, rising from 71 years in 1986 to 76 years in 2007.



A somewhat different pattern was found to exist in the  $DFLE_{65}$  among Spain's overall population as a whole, which grew in absolute terms to a lesser degree than the  $LE_{65}$ , which suggests a slight pattern of expansion of the morbidity as

of 65 years of age. Despite this, the percentage of years lived as of 65 years of age which are lived free of disability increased, rising from 60.9% to 65.5% within the 1986-2007 period.

## Differences by gender

The  $DFLE_b$  in 2007 was greater in females (73.8 years) than in males (71.3 years). This difference of 2.5 years in favor of the females in the  $DFLE_b$  is less than that found to exist in the  $LE_b$ , which, in 2007, was 6.5 years, which indicates that a smaller percentage of the years lived are free of disability among the females (87.5%) than among the males (91.6%). Nevertheless, the age at which 50% of the population survives free of disability in 2007 was greater among the females (at 77 years) than among the males (at 75 years).

With regard to the trend as of 1986 in both one gender and the other, the  $DFLE_b$  grew more than the  $LE_b$ , suggesting a compression of morbidity as of birth in both males and females. This growing trend in the  $DFLE_b$  from 1986 to 2007, which was similar between one gender and the other in the  $LE_b$ , was of a greater magnitude among the males. Therefore, the differences in the  $DFLE_b$  between one gender and the other was reduced, and the percentage of years lived free of disability grew more among the males than among the females.

The  $DFLE_{65}$  in 2007 was greater among the females (13.7 years) than among the males (13.2 years). This 0.5-year difference in favor of the females in the  $DFLE_{65}$  is noticeably smaller than that which was found to exist in the  $LE_{65}$ , which, in 2007, was of 4.1 years, which indicates a smaller percentage of the years lived

being free of disability among the females (62.6%) than among the males (74.2%).

With regard to the trend as of 1986, the growth pattern was different for one gender and the other. In the males, the  $DFLE_{65}$  grew more (3.5 years) than the  $LE_{65}$  (2.8 years), suggesting a pattern of morbidity compression. The opposite was true for the females, the  $LE_{65}$  having grown more (3.5 years) than the  $DFLE_{65}$  (2.9 years), suggesting that the morbidity as of 65 years of age in females during the period studied is expanding. This different pattern is the cause of the differences in  $DFLE_{65}$  between one gender and the other having become smaller, dropping from 1.1 years to 0.5 years between the two periods studied, despite the  $LE_{65}$  having increased since 1986 (3.4 years in favor of the females that year as compared to 4.1 years in 2007).

## Differences by autonomous community

The  $DFLE_b$  shows variations among autonomous communities. The difference between the communities with the highest and lowest  $DFLE_b$  in 2007 was of 5.7 years. This range is smaller than that found to exist in 1986 (6.3 years) and in 1999 (7.4 years).

In 2007, the spread of the  $DFLE_b$  by autonomous communities shows a certain north-south geographical pattern: La Rioja, Navarre, Cantabria and Catalonia

having been the autonomous communities with the highest DFLE<sub>b</sub>, whilst in Ceuta and Melilla, Murcia, Andalusia, Extremadura and the Valencian Community, the lowest DFLE<sub>b</sub> figures were recorded.

In 1986 and 2007, the DFLE<sub>b</sub> grew in all of the autonomous communities. However, this growth in relation to that of the LE<sub>b</sub> varied from one community to another. In the Balearic Islands, Castilla and Leon, the Valencian Community, Murcia and Navarre, the LE<sub>b</sub> grew more than the DFLE<sub>b</sub>, suggesting an effect of morbidity expansion. In the other Autonomous Communities, the opposite occurred, except in Extremadura and Galicia, where a situation of equilibrium was found to exist in the increase of one indicator and the other.

In 2007, La Rioja, Cantabria and Catalonia were the autonomous communities in which a greater percentage of the LE<sub>b</sub> was lived free of disability, whilst Ceuta and Melilla, Murcia, Extremadura and the Valencian Community were the autonomous communities with a lower percentage of years lived free of disability.

At 65 years of age, the geographical pattern is quite similar to that found to exist for the DFLE<sub>b</sub>: a higher DFLE<sub>65</sub> in the north than in the south. The difference between the autonomous communities with the highest and lowest DFLE<sub>65</sub> in 2007 was of 4.3 years. This range was small than that found to exist in 1999 (5.4 years), but greater than in 1986 (3 years).

Within the 1986-2007 period, the DFLE<sub>65</sub> grew in all of the autonomous communities. This growth, in relation to the growth of the LE<sub>65</sub> differed substantially from one community to another. In approximately one third of the autonomous communities, an effect of expansion of the morbidity was found to exist; in another third, an effect of morbidity compression; and in the other third, a situation of equilibrium.

Just as was the case with the DFLE<sub>b</sub> in 2007, La Rioja, Cantabria and Catalonia were the autonomous communities in which a higher percentage of the LE<sub>65</sub> was lived free of disability, whilst Ceuta and Melilla, Murcia, Extremadura and the Valencian Community were the autonomous communities with a lower percentage of years lived free of disability as of 65 years of age.

## LEGH

The LEGH<sub>b</sub> among Spain's overall population as a whole, which, in 2007, was of 55.4 years, has increased by 2.2 years since 1987. This growth was less than that undergone by the LE<sub>b</sub> (4.1 years), which indicates that a good part of the years of life gained are lived in perceived poor health. In fact, the percentage of the years of life lived in good health, which was of 68.3% among Spain's overall population as a whole in 2007, has dropped slightly since 1987 (69%).

A similar pattern was found to exist in the LEGH<sub>65</sub> among Spain's overall population as a whole, which

rose from 6.9 years in 1987 to 7.9 years in 2007. This growth was less than that found to exist in the  $LE_{65}$ . The percentage of the years lived as of 65 years of age which are lived in perceived good health was approximately 40%, this being a percentage which has remained stable since 1987.

### Differences by gender

The  $LEGH_b$  in 2007 was greater among the males (57.3 years) than among the females (53.5 years). Within the 1987-2007 period, the  $LEGH_b$  increased more among the males (2.9 years) than among the females (1.4 years), the difference between one gender and the other therefore being in favor of the males, which was of approximately 2 years in 1987, having risen to nearly 4 years in 2007.

The percentage of years lived from birth in perceived good health was greater among the males than among the females. Additionally, from 1987 to 2007, whilst this percentage remained constant in the males, it dropped among the females.

A similar pattern by gender to that of the  $LEGH_b$  is found to exist in the  $LEGH_{65}$ .

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# ANNEX I

LE and DFLE at birth and at 65 years of age, by autonomous communities and gender in 1986, 1999 and 2007

<b>Life expectancy (LE) and disability-free life expectancy (DFLE) at birth, by autonomous communities. Males. Spain, 1986-2007</b>						
	1986		1999		2007	
	LE	DFLE	LE	DFLE	LE	DFLE
Spain	73.2	64.8	76.1	69.0	77.8	71.3
Andalusia	71.8	63.7	75.0	66.7	76.7	70.0
Aragon	73.9	66.0	76.8	70.7	78.4	72.5
Asturias	72.3	63.7	75.4	68.0	76.7	71.1
Balearic Islands	71.2	65.6	75.4	68.7	78.7	73.4
Canary Islands	72.5	62.3	74.4	68.6	77.2	70.7
Cantabria	73.5	63.9	76.1	69.0	77.5	73.1
Castilla & Leon	75.0	66.6	77.4	69.2	78.9	71.8
Castilla-La Mancha	74.6	65.2	77.3	69.8	78.9	72.0
Catalonia	73.8	65.4	76.3	69.2	78.4	72.8
Valencian Community	72.9	65.2	75.5	69.4	77.5	69.7
Extremadura	72.8	64.4	75.8	68.7	77.5	70.3
Galicia	72.6	64.9	76.0	68.6	77.3	70.5
Madrid	74.2	64.1	76.9	71.4	79.2	72.4
Murcia	72.9	66.7	75.3	66.4	77.4	69.5
Navarre	73.9	67.8	77.3	70.6	79.2	73.5
Basque Country	72.4	64.2	76.2	70.8	78.2	72.2
La Rioja	73.0	65.7	76.9	72.1	78.2	74.4
Ceuta and Melilla	–	–	74.7	67.9	76.9	67.2

**Life expectancy (LE) and disability-free life expectancy (DFLE) at birth, by autonomous communities. Females. Spain, 1986-2007**

	1986		1999		2007	
	<i>LE</i>	<i>DFLE</i>	<i>LE</i>	<i>DFLE</i>	<i>LE</i>	<i>DFLE</i>
Spain	79.6	68.6	82.8	72.4	84.3	73.8
Andalusia	78.7	66.7	81.6	69.2	83.0	71.3
Aragon	79.7	70.6	83.4	75.0	85.1	75.3
Asturias	79.7	70.1	83.0	74.1	84.0	73.8
Balearic Islands	78.6	71.7	82.2	74.0	84.6	74.8
Canary Islands	78.7	65.7	81.2	72.3	83.7	74.3
Cantabria	80.4	67.4	83.5	73.2	84.7	76.6
Castilla & Leon	78.9	70.2	84.2	72.3	85.4	74.5
Castilla-La Mancha	79.4	67.9	83.0	72.2	84.3	72.8
Catalonia	80.1	68.6	83.1	72.3	84.8	75.7
Valencian Community	78.8	69.5	82.1	72.5	83.7	72.4
Extremadura	79.0	68.7	82.4	71.8	83.9	72.0
Galicia	79.4	69.6	83.0	72.6	84.6	73.4
Madrid	81.3	66.7	84.0	74.7	85.5	75.5
Murcia	78.6	70.7	81.9	69.1	83.7	71.2
Navarre	79.8	72.7	84.2	75.2	85.9	76.5
Basque Country	78.1	67.1	83.6	74.9	85.0	75.5
La Rioja	79.6	71.6	84.4	78.3	85.6	77.7
Ceuta and Melilla	–	–	81.3	68.1	82.0	67.5

**Life expectancy (LE) and disability-free life expectancy (DFLE) at 65 years of age, by autonomous communities. Males. Spain, 1986-2007**

	1986		1999		2007	
	<i>LE</i>	<i>DFLE</i>	<i>LE</i>	<i>DFLE</i>	<i>LE</i>	<i>DFLE</i>
Spain	15.0	9.7	16.7	11.7	17.8	13.2
Andalusia	13.6	8.9	15.9	10.1	16.9	12.2
Aragon	15.4	10.2	17.3	12.8	18.3	14.1
Asturias	14.9	9.2	16.3	11.4	17.3	13.6
Balearic Islands	14.1	10.4	16.4	11.8	18.2	14.9
Canary Islands	14.7	9.1	16.0	12.1	17.7	12.9
Cantabria	15.1	9.2	16.8	12.0	17.7	14.7
Castilla & Leon	16.4	11.1	17.9	11.6	18.7	13.5
Castilla-La Mancha	15.7	9.4	17.5	12.1	18.5	13.6
Catalonia	15.3	10.2	16.8	11.6	18.1	14.1
Valencian Community	14.4	9.3	16.3	11.7	17.6	12.1
Extremadura	14.8	9.2	16.7	10.9	17.5	12.5
Galicia	15.3	10.4	17.2	12.0	18.0	13.0
Madrid	15.8	9.1	17.0	13.2	18.6	13.6
Murcia	14.6	10.1	16.3	9.8	17.4	12.0
Navarre	15.7	11.0	17.3	12.6	18.6	14.2
Basque Country	14.5	9.3	16.7	12.9	18.2	13.9
La Rioja	15.6	10.2	17.5	13.8	18.2	15.6
Ceuta and Melilla	–	–	15.7	11.1	17.6	10.8

**Life expectancy (LE) and disability-free life expectancy (DFLE) at 65 years of age, by autonomous communities. Females. Spain, 1986-2007**

	1986		1999		2007	
	<i>LE</i>	<i>DFLE</i>	<i>LE</i>	<i>DFLE</i>	<i>LE</i>	<i>DFLE</i>
Spain	18.4	10.8	20.6	12.6	21.9	13.7
Andalusia	17.6	9.5	19.5	10.3	20.6	11.9
Aragon	18.4	11.9	21.2	14.3	22.6	14.9
Asturias	18.4	11.7	20.8	13.7	21.8	13.9
Balearic Islands	18.1	12.7	20.1	14.4	22.1	14.6
Canary Islands	17.8	9.0	19.6	12.8	21.5	14.3
Cantabria	19.2	10.0	21.2	13.1	22.4	15.9
Castilla & Leon	17.6	11.4	21.9	12.1	23.1	14.2
Castilla-La Mancha	18.1	10.0	20.6	12.2	21.9	12.6
Catalonia	18.7	11.6	20.9	12.4	22.1	15.2
Valencian Community	17.5	10.8	19.9	12.6	21.4	12.7
Extremadura	18.1	10.5	20.3	11.7	21.5	12.5
Galicia	18.5	11.8	21.1	12.8	22.3	13.4
Madrid	19.8	9.8	21.4	14.2	22.9	14.9
Murcia	17.3	11.3	19.8	10.2	21.2	11.3
Navarre	19.1	13.0	21.7	13.7	23.3	15.0
Basque Country	18.9	10.9	21.4	14.8	22.8	15.1
La Rioja	18.8	13.1	21.6	17.0	22.7	16.3
Ceuta and Melilla	–	–	19.4	10.0	20.4	9.5

**Percentage of life expectancy at birth lived free of disability, by autonomous communities. Spain, 1986-2007**

	Males			Females		
	1986	1999	2007	1986	1999	2007
Spain	88.5	90.7	91.6	86.2	87.4	87.5
Andalusia	88.7	88.8	91.2	84.7	84.9	86.0
Aragon	89.3	92.0	92.5	88.5	89.9	88.5
Asturias	88.1	90.3	92.7	87.9	89.4	87.9
Balearic Islands	92.1	91.1	93.3	91.2	90.0	88.4
Canary Islands	86.0	92.2	91.6	83.4	89.1	88.8
Cantabria	86.9	90.7	94.3	83.7	87.7	90.4
Castilla & Leon	88.9	89.4	91.0	88.9	85.8	87.2
Castilla-La Mancha	87.4	90.3	91.3	85.6	87.0	86.4
Catalonia	88.6	90.6	92.9	85.6	87.0	89.3
Valencian Community	89.4	91.9	89.9	88.3	88.3	86.5
Extremadura	88.5	90.6	90.7	86.9	87.1	85.8
Galicia	89.4	90.3	91.2	87.6	87.5	86.7
Madrid	86.3	92.9	91.5	82.0	88.9	88.3
Murcia	91.5	88.2	89.8	89.9	84.4	85.0
Navarre	91.8	91.3	92.8	91.1	89.3	89.0
Basque Country	88.7	92.9	92.3	85.9	89.6	88.8
La Rioja	89.9	93.9	95.1	89.9	92.8	90.8
Ceuta and Melilla	–	90.9	87.4	–	83.8	82.3

**Percentage of life expectancy at 65 years of age lived free of disability, by autonomous communities. Spain, 1986-2007**

	Males			Females		
	1986	1999	2007	1986	1999	2007
Spain	64.7	70.1	74.2	58.7	61.2	62.5
Andalusia	65.1	63.6	72.4	53.9	52.9	57.8
Aragon	66.3	74.0	77.2	64.6	67.3	65.8
Asturias	61.4	69.9	78.5	63.8	65.9	63.7
Balearic Islands	73.3	71.9	81.8	70.4	71.5	65.9
Canary Islands	62.2	75.7	73.0	50.6	65.2	66.6
Cantabria	61.2	71.4	83.1	52.2	61.6	71.0
Castilla & Leon	67.7	64.8	72.1	64.9	55.1	61.4
Castilla-La Mancha	59.7	68.9	73.7	55.3	59.2	57.6
Catalonia	66.8	69.2	78.1	62.0	59.7	68.7
Valencian Community	64.2	71.6	68.8	61.7	63.3	59.4
Extremadura	61.9	65.4	71.3	58.2	57.9	58.1
Galicia	68.4	70.2	72.3	63.7	60.9	60.1
Madrid	57.5	77.8	73.2	49.5	66.6	65.2
Murcia	69.5	60.3	69.2	65.2	51.4	53.3
Navarre	69.8	72.9	76.5	68.2	63.3	64.3
Basque Country	64.4	77.6	76.6	57.4	69.0	66.4
La Rioja	65.6	78.7	85.7	69.4	78.6	71.8
Ceuta and Melilla	–	72.6	61.4	–	51.5	46.6

## Annex II

Information is provided for each one of the autonomous communities concerning the following parameters from the life tables used for calculating the LE and DFLE indicators:

**lx:** Number of survivors at the start of “x” age interval.

**nLx:** Number of persons-years lived within “x” age interval

**(1-p<sub>x</sub>)nLx:** Number of persons-years lived free of disability within “x” age interval

**ex:** Life expectancy at the start of “x” age interval

**DFLE<sub>x</sub>:** Disability-free life expectancy at the start of “x” age interval

and survival (S) and disability-free survival (DFS) by autonomous communities in 1986, 1999 and 2007.

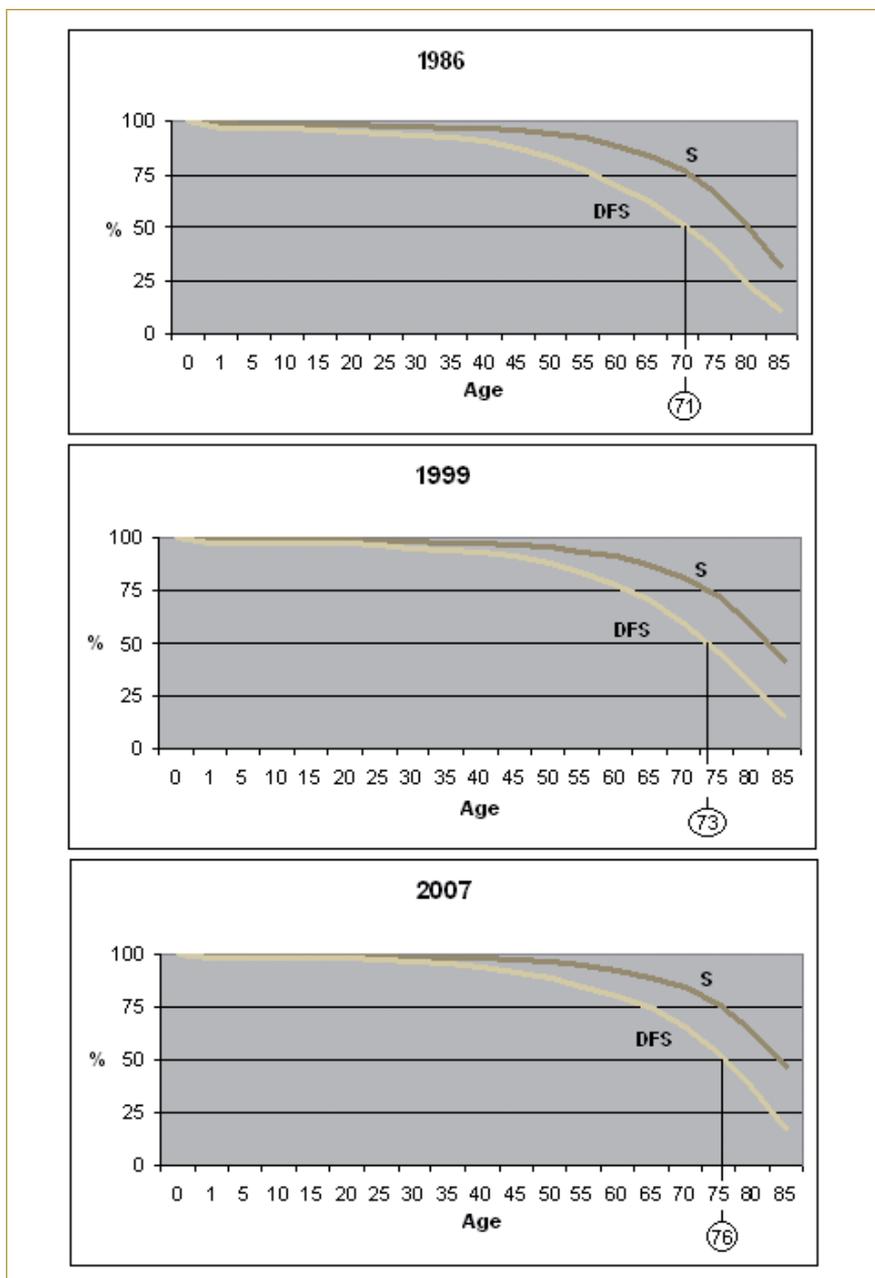
Spain					
1986					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99358.71	98381.38	76.43	66.66
1-4	99084	395944.27	388982.74	76.13	66.28
5-9	98888	494128.55	480928.70	72.28	62.48
10-14	98763	493518.31	480081.49	67.37	57.69
15-19	98644	492499.83	479204.91	62.45	52.89
20-24	98356	490766.33	475341.56	57.62	48.17
25-29	97951	488709.40	470189.26	52.85	43.52
30-34	97533	486534.98	464583.50	48.07	38.89
35-39	97081	483826.32	460140.82	43.28	34.28
40-44	96450	480010.17	450458.34	38.55	29.74
45-49	95555	474230.24	433331.06	33.88	25.30
50-54	94138	465278.44	407949.30	29.36	21.08
55-59	91974	451660.02	377350.25	24.99	17.14
60-64	88690	431008.14	338301.73	20.82	13.52
65-69	83713	400473.80	297651.26	16.91	10.28
70-74	76476	355794.12	238277.11	13.27	7.36
75-79	65841	290960.87	174077.70	10.01	4.93
80-84	50543	204991.04	95412.09	7.29	2.98
85+	31453	163304.47	55215.61	5.19	1.76

Spain					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99786.00	99238.40	79.43	70.69
1-4	99572	398060.50	387872.78	78.77	70.00
5-9	99475	497204.00	487813.15	74.84	66.17
10-14	99407	496849.50	489522.81	69.89	61.30
15-19	99324	496158.00	486817.82	64.95	56.43
20-24	99116	494899.00	485724.06	60.08	51.63
25-29	98840	493438.00	481766.73	55.24	46.86
30-34	98524	491600.00	475185.30	50.41	42.12
35-39	98092	489022.00	470403.45	45.62	37.46
40-44	97484	485425.00	464856.63	40.89	32.87
45-49	96644	480331.50	453693.27	36.22	28.35
50-54	95411	472791.50	438072.89	31.65	23.96
55-59	93600	461836.00	412700.02	27.22	19.74
60-64	90992	445861.50	377345.33	22.92	15.77
65-69	87085	421849.50	341522.35	18.83	12.15
70-74	81266	385789.50	283952.85	14.99	8.81
75-79	72479	331694.50	209376.30	11.48	5.97
80-84	59416	254350.50	133555.81	8.42	3.75
85+	41647	245942.50	89460.66	5.91	2.15

**Spain****2007**

Age Group	lx	nLx	$(1-p_x)nLx$	ex	DFLE <sub>x</sub>
<1	100000	99685.32	97542.08	81.08	72.56
1-4	99644	398417.51	389851.53	80.37	71.84
5-9	99561	497693.21	489033.35	76.44	67.98
10-14	99508	497390.68	487860.67	71.47	63.10
15-19	99443	496802.25	488629.85	66.52	58.24
20-24	99271	495868.52	487661.89	61.63	53.42
25-29	99063	494784.96	486180.65	56.75	48.61
30-34	98835	493515.83	480610.39	51.88	43.80
35-39	98554	491720.28	475586.94	47.02	39.05
40-44	98109	488822.52	466947.71	42.22	34.38
45-49	97366	484268.87	454650.99	37.52	29.84
50-54	96245	477325.70	442466.61	32.93	25.47
55-59	94538	467028.40	419120.63	28.47	21.25
60-64	92088	452354.37	395855.31	24.16	17.26
65-69	88549	431174.05	364018.69	20.02	13.48
70-74	83605	399249.63	312117.39	16.04	9.92
75-79	75633	350366.71	242141.93	12.45	6.84
80-84	63734	277424.28	159091.73	9.28	4.32
85+	46248	314211.59	116242.58	6.79	2.51

## Survival (S) and Disability-Free Survival (DFS). Spain 1986, 1999 and 2007.



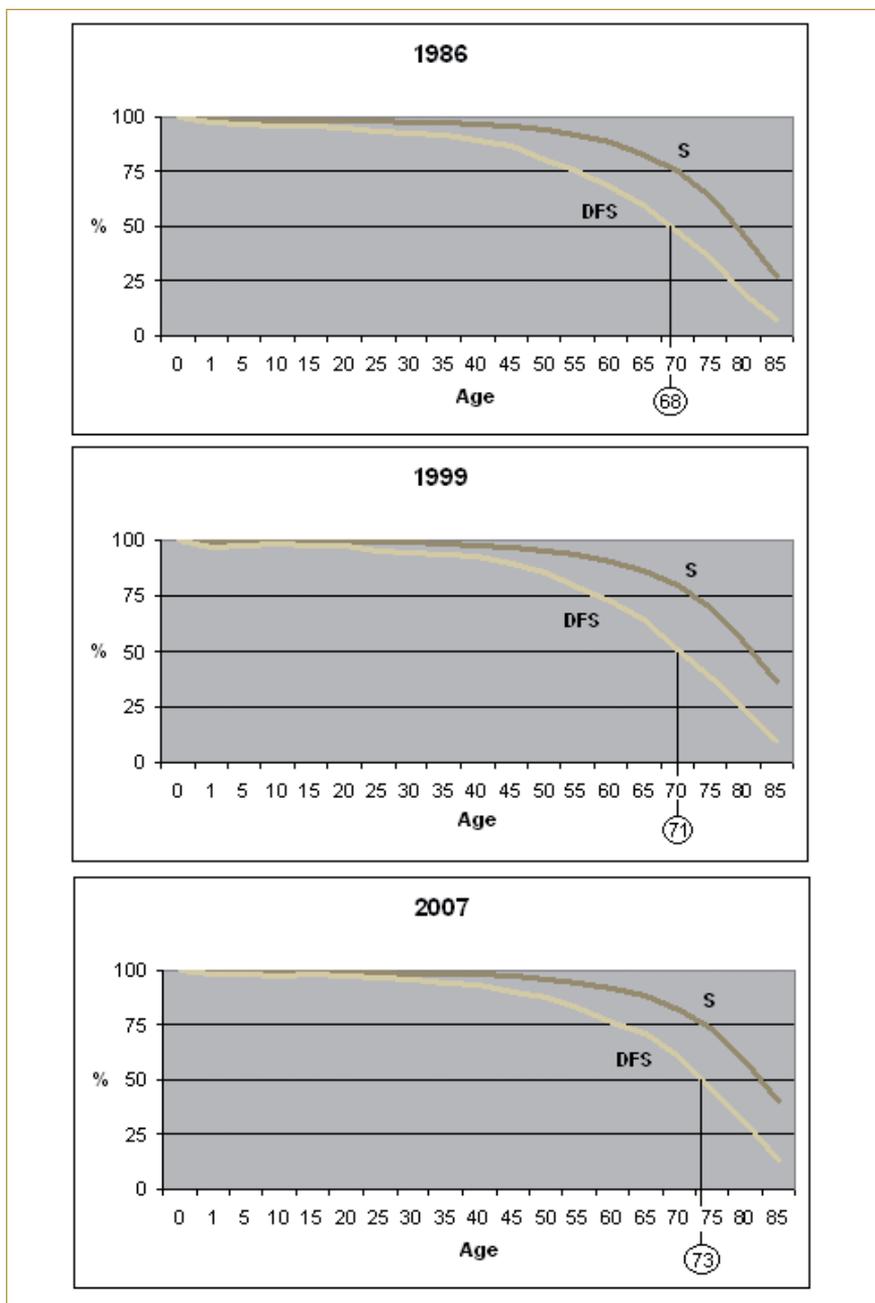
<b>Andalusia</b>					
<b>1986</b>					
<b>Age Group</b>	<b>lx</b>	<b>nLx</b>	<b>(1-p<sub>x</sub>)nLx</b>	<b>ex</b>	<b>DFLE<sub>x</sub></b>
<1	100000	99290.64	99026.14	75.52	65.19
1-4	98987	395525.57	388829.83	75.29	64.85
5-9	98776	493555.10	482462.40	71.44	61.06
10-14	98646	492919.03	479719.31	66.53	56.25
15-19	98522	491995.87	477959.73	61.61	51.45
20-24	98277	490522.78	474754.72	56.76	46.71
25-29	97932	488712.89	464638.22	51.95	42.03
30-34	97553	486787.58	461149.99	47.14	37.43
35-39	97162	484180.85	455391.70	42.32	32.83
40-44	96510	480300.67	443001.01	37.59	28.34
45-49	95610	474290.41	431979.28	32.92	23.97
50-54	94106	464858.90	399112.10	28.41	19.76
55-59	91838	450455.90	369091.58	24.05	15.91
60-64	88345	428008.49	328735.03	19.90	12.36
65-69	82859	394288.69	284367.60	16.05	9.21
70-74	74857	345271.43	216652.08	12.50	6.39
75-79	63252	275108.67	151579.85	9.34	4.14
80-84	46792	185372.01	77821.10	6.74	2.36
85+	27357	130084.17	32475.41	3.54	1.19

<b>Andalusia</b>					
<b>1999</b>					
<b>Age Group</b>	<b>lx</b>	<b>nLx</b>	<b>(1-p<sub>x</sub>)nLx</b>	<b>ex</b>	<b>DFLE<sub>x</sub></b>
<1	100000	99755.50	99381.53	78.28	67.92
1-4	99511	397812.50	385738.20	77.67	67.25
5-9	99412	496880.00	486685.19	73.74	63.44
10-14	99338	496490.50	488646.13	68.80	58.59
15-19	99251	495835.00	485983.24	63.85	53.72
20-24	99065	494705.50	484649.72	58.97	48.91
25-29	98810	493330.50	476848.90	54.11	44.13
30-34	98509	491461.00	470768.81	49.27	39.43
35-39	98053	488771.00	466066.48	44.49	34.81
40-44	97421	485050.50	459829.17	39.76	30.25
45-49	96554	479817.00	444505.79	35.09	25.76
50-54	95306	472178.50	423298.98	30.52	21.43
55-59	93435	460427.50	389714.70	26.08	17.33
60-64	90562	442699.50	351626.64	21.82	13.58
65-69	86207	415544.50	313123.55	17.79	10.19
70-74	79542	374503.50	238097.10	14.05	7.10
75-79	69623	313878.00	170936.17	10.67	4.70
80-84	55169	230199.50	104723.59	7.78	2.83
85+	36286	199080.50	51227.54	5.49	1.41

**Andalusia****2007**

Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99616.97	97912.52	79.83	70.60
1-4	99571	398147.01	391334.72	79.17	69.92
5-9	99494	497347.58	491533.59	75.23	66.04
10-14	99440	497055.45	487676.01	70.27	61.13
15-19	99380	496464.51	488431.72	65.31	56.26
20-24	99212	495606.11	486214.37	60.42	51.44
25-29	99023	494600.28	483239.31	55.53	46.62
30-34	98798	493336.56	479108.73	50.65	41.84
35-39	98521	491562.95	472863.89	45.79	37.09
40-44	98076	488518.02	462983.19	40.98	32.44
45-49	97277	483825.02	448597.72	36.30	27.95
50-54	96095	476688.92	432437.89	31.71	23.62
55-59	94419	465939.76	407860.37	27.22	19.46
60-64	91829	449903.10	373158.63	22.92	15.57
65-69	87863	425760.14	347718.31	18.83	12.03
70-74	82085	388086.61	287160.80	14.97	8.64
75-79	72838	331703.96	205971.57	11.54	5.79
80-84	59205	251356.52	132479.97	8.60	3.65
85+	40443	257640.94	83341.69	6.37	2.06

## Survival (S) and Disability-Free Survival (DFS). Andalusia 1986, 1999 and 2007.



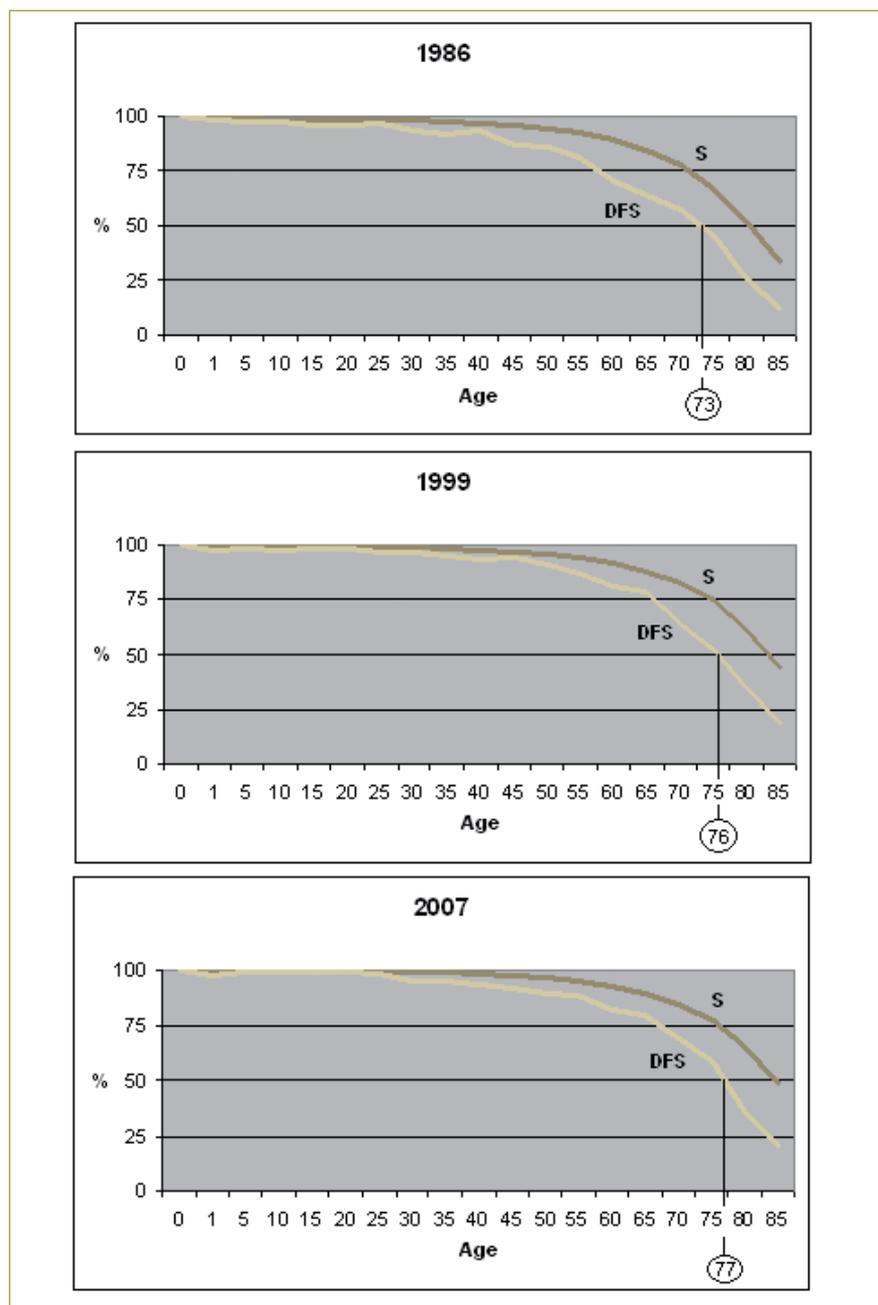
<b>Aragon</b>					
<b>1986</b>					
<b>Age Group</b>	<b>lx</b>	<b>nLx</b>	<b>(1-p<sub>x</sub>)nLx</b>	<b>ex</b>	<b>DFLE<sub>x</sub></b>
<1	100000	99407.56	99158.31	76.82	68.30
1-4	99154	396320.34	393962.38	76.47	67.89
5-9	99007	494795.43	484782.43	72.58	64.01
10-14	98912	494272.62	484893.81	67.65	59.17
15-19	98797	492765.67	478289.17	62.73	54.33
20-24	98309	490765.85	479418.41	58.03	49.73
25-29	97997	489135.99	480607.34	53.20	45.00
30-34	97657	487436.57	464503.79	48.38	40.23
35-39	97318	484190.22	457707.63	43.54	35.60
40-44	96358	479835.99	464824.89	38.95	31.21
45-49	95576	474746.86	431942.53	34.25	26.60
50-54	94323	466710.21	424463.04	29.67	22.37
55-59	92361	454075.42	400834.71	25.25	18.25
60-64	89269	434960.93	343349.55	21.03	14.39
65-69	84716	405873.55	307630.27	17.03	11.11
70-74	77634	361593.01	268893.81	13.35	8.17
75-79	67003	297939.30	199411.19	10.08	5.45
80-84	52172	212955.63	103849.26	7.23	3.18
85+	33010	164270.79	61805.96	4.98	1.87

<b>Aragon</b>					
<b>1999</b>					
<b>Age Group</b>	<b>lx</b>	<b>nLx</b>	<b>(1-p<sub>x</sub>)nLx</b>	<b>ex</b>	<b>DFLE<sub>x</sub></b>
<1	100000	99709.50	97667.25	80.06	72.77
1-4	99419	397563.50	390222.18	79.52	72.21
5-9	99372	496791.50	490871.94	75.56	68.32
10-14	99337	496515.50	485484.21	70.59	63.40
15-19	99264	495917.50	489252.98	65.64	58.56
20-24	99071	494546.50	490039.26	60.76	53.73
25-29	98756	493055.00	481646.95	55.94	48.94
30-34	98448	491253.00	480932.80	51.11	44.20
35-39	98050	488976.50	472615.23	46.31	39.48
40-44	97539	485878.00	464463.05	41.54	34.84
45-49	96759	481121.00	466147.98	36.85	30.32
50-54	95615	474284.50	451505.07	32.26	25.81
55-59	93978	463896.50	429251.33	27.77	21.45
60-64	91443	448642.50	395149.31	23.47	17.35
65-69	87840	426697.00	381268.03	19.33	13.57
70-74	82516	393896.50	306435.20	15.40	9.82
75-79	74571	342845.50	238420.35	11.76	6.76
80-84	61692	265598.00	150742.14	8.66	4.30
85+	43938	268641.00	114810.46	6.11	2.61

**Aragon****2007**

Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99647.82	97496.42	81.67	73.87
1-4	99591	398087.01	389492.31	81.01	73.20
5-9	99471	497340.17	491625.73	77.10	69.37
10-14	99462	497206.14	491463.41	72.11	64.43
15-19	99416	496739.80	493555.70	67.14	59.52
20-24	99263	496051.80	493447.53	62.24	54.64
25-29	99120	495203.06	489250.72	57.33	49.74
30-34	98926	493933.76	474314.71	52.43	44.89
35-39	98655	492436.00	470675.25	47.57	40.21
40-44	98263	489282.03	463315.83	42.75	35.58
45-49	97365	484130.68	455499.19	38.12	31.15
50-54	96291	477655.45	443211.71	33.52	26.76
55-59	94645	467676.56	435851.17	29.05	22.55
60-64	92385	454261.60	405723.75	24.70	18.38
65-69	89026	434545.67	387232.34	20.53	14.52
70-74	84447	405353.42	330849.46	16.50	10.72
75-79	77246	359428.11	270484.03	12.79	7.43
80-84	65795	288612.43	159184.19	9.55	4.62
85+	48616	339760.03	144499.94	6.99	2.97

## Survival (S) and Disability-Free Survival (DFS). Aragon 1986, 1999 and 2007.

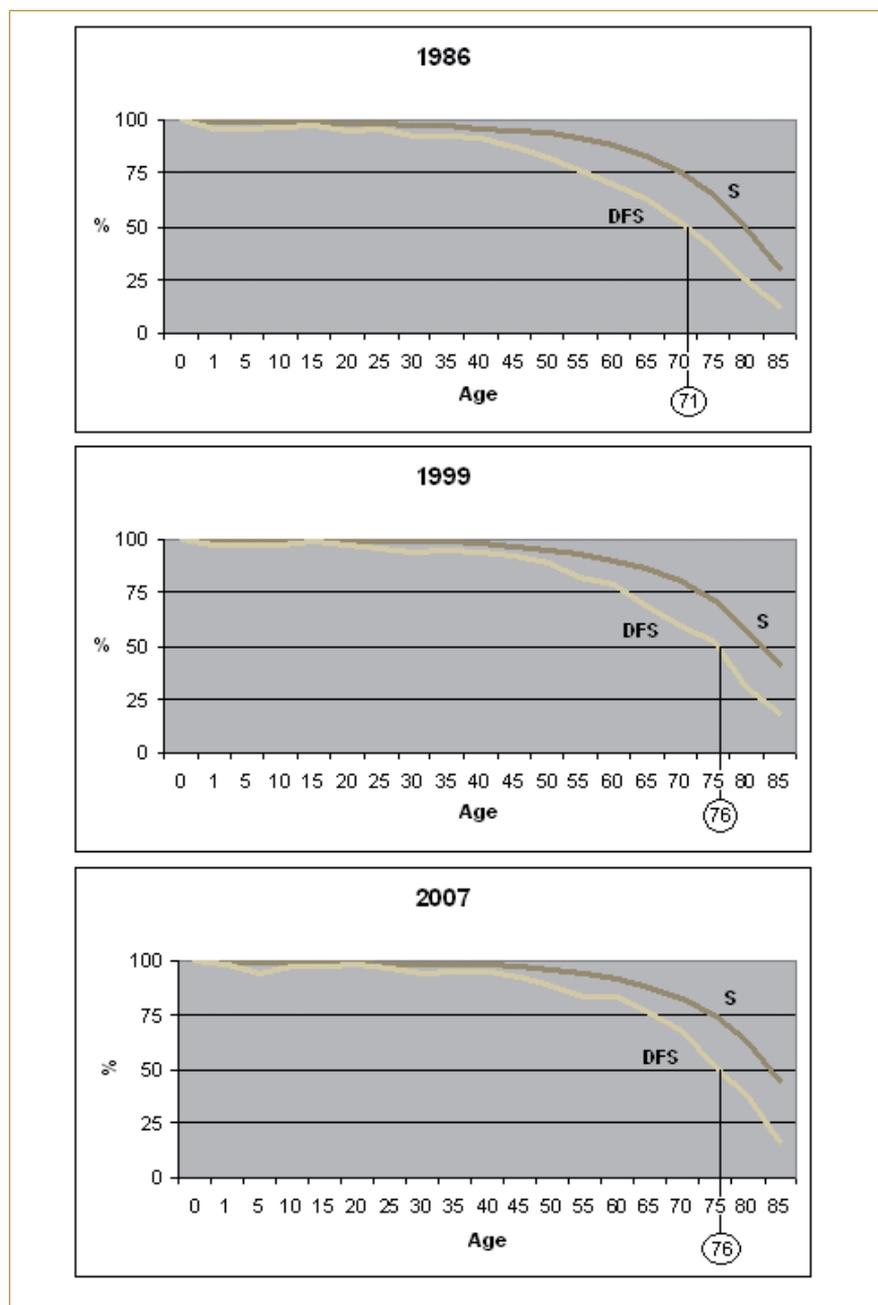


<b>Asturias</b>					
<b>1986</b>					
<b>Age Group</b>	<b>lx</b>	<b>nLx</b>	<b>(1-p<sub>x</sub>)nLx</b>	<b>ex</b>	<b>DFLE<sub>x</sub></b>
<1	100000	99232.45	99232.45	75.89	66.87
1-4	98903	395256.49	381891.95	75.73	66.61
5-9	98725	493306.17	479226.10	71.86	62.86
10-14	98598	492669.50	483519.98	66.95	58.08
15-19	98470	491473.94	486396.32	62.03	53.24
20-24	98120	489742.05	474838.98	57.25	48.48
25-29	97777	487695.95	475978.84	52.44	43.79
30-34	97301	485350.91	458842.24	47.68	39.11
35-39	96839	482304.00	459499.48	42.90	34.56
40-44	96082	478107.06	456319.36	38.22	30.05
45-49	95161	472209.34	433409.19	33.56	25.55
50-54	93723	462635.68	405294.83	29.04	21.31
55-59	91331	447846.67	375831.90	24.73	17.43
60-64	87808	426412.87	338606.71	20.63	13.85
65-69	82758	395032.76	300858.65	16.73	10.61
70-74	75256	350157.08	241066.90	13.15	7.67
75-79	64807	286042.91	173150.64	9.87	5.18
80-84	49610	200162.66	99308.40	7.13	3.28
85+	30455	153367.59	63486.86	5.39	2.08

<b>Asturias</b>					
<b>1999</b>					
<b>Age Group</b>	<b>lx</b>	<b>nLx</b>	<b>(1-p<sub>x</sub>)nLx</b>	<b>ex</b>	<b>DFLE<sub>x</sub></b>
<1	100000	99814.00	99814.00	79.17	71.08
1-4	99628	398192.00	387329.83	78.47	70.35
5-9	99532	497597.00	486499.21	74.54	66.52
10-14	99504	497401.00	487275.04	69.56	61.65
15-19	99438	496760.00	490716.19	64.61	56.79
20-24	99250	495661.50	486327.20	59.72	51.96
25-29	98999	494208.00	478887.19	54.87	47.18
30-34	98679	492383.00	469663.15	50.04	42.48
35-39	98229	489479.50	472279.42	45.25	37.89
40-44	97540	485494.50	468284.66	40.56	33.31
45-49	96617	479954.50	459298.77	35.92	28.79
50-54	95244	471321.00	439278.93	31.40	24.38
55-59	93176	459245.50	405086.36	27.04	20.21
60-64	90389	442406.00	385916.48	22.79	16.35
65-69	86351	418281.00	334316.26	18.73	12.64
70-74	80567	381936.00	281249.15	14.88	9.40
75-79	71633	327098.50	236585.42	11.41	6.65
80-84	58436	249935.00	133227.77	8.39	4.10
85+	40884	240126.00	106281.59	5.87	2.60

<b>Asturias</b>					
<b>2007</b>					
<b>Age Group</b>	<b>lx</b>	<b>nLx</b>	<b>(1-p<sub>x</sub>)nLx</b>	<b>ex</b>	<b>DFLE<sub>x</sub></b>
<1	100000	99454.71	98667.03	80.40	72.47
1-4	99385	397454.08	394306.24	79.90	71.93
5-9	99331	496636.06	473363.70	75.94	68.00
10-14	99303	496326.49	485218.70	70.96	63.25
15-19	99233	495876.27	485666.18	66.01	58.40
20-24	99069	494790.02	489822.33	61.11	53.60
25-29	98848	493693.93	483627.51	56.24	48.76
30-34	98596	492268.97	470840.50	51.38	43.98
35-39	98334	490542.69	475767.54	46.51	39.31
40-44	97839	487452.54	474569.17	41.73	34.65
45-49	97047	482687.52	457592.60	37.05	30.04
50-54	95866	474740.04	437942.94	32.47	25.64
55-59	93992	463954.29	412399.69	28.07	21.49
60-64	91349	447804.02	406655.30	23.80	17.60
65-69	87433	425226.04	371311.63	19.74	13.73
70-74	82314	391948.60	323714.27	15.80	10.08
75-79	74179	344417.64	232475.02	12.25	6.82
80-84	62660	271551.25	163601.48	9.01	4.36
85+	44970	293040.87	109617.80	6.52	2.44

## Survival (S) and Disability-Free Survival (DFS). Asturias 1986, 1999 and 2007.



**Balearic Islands****1986**

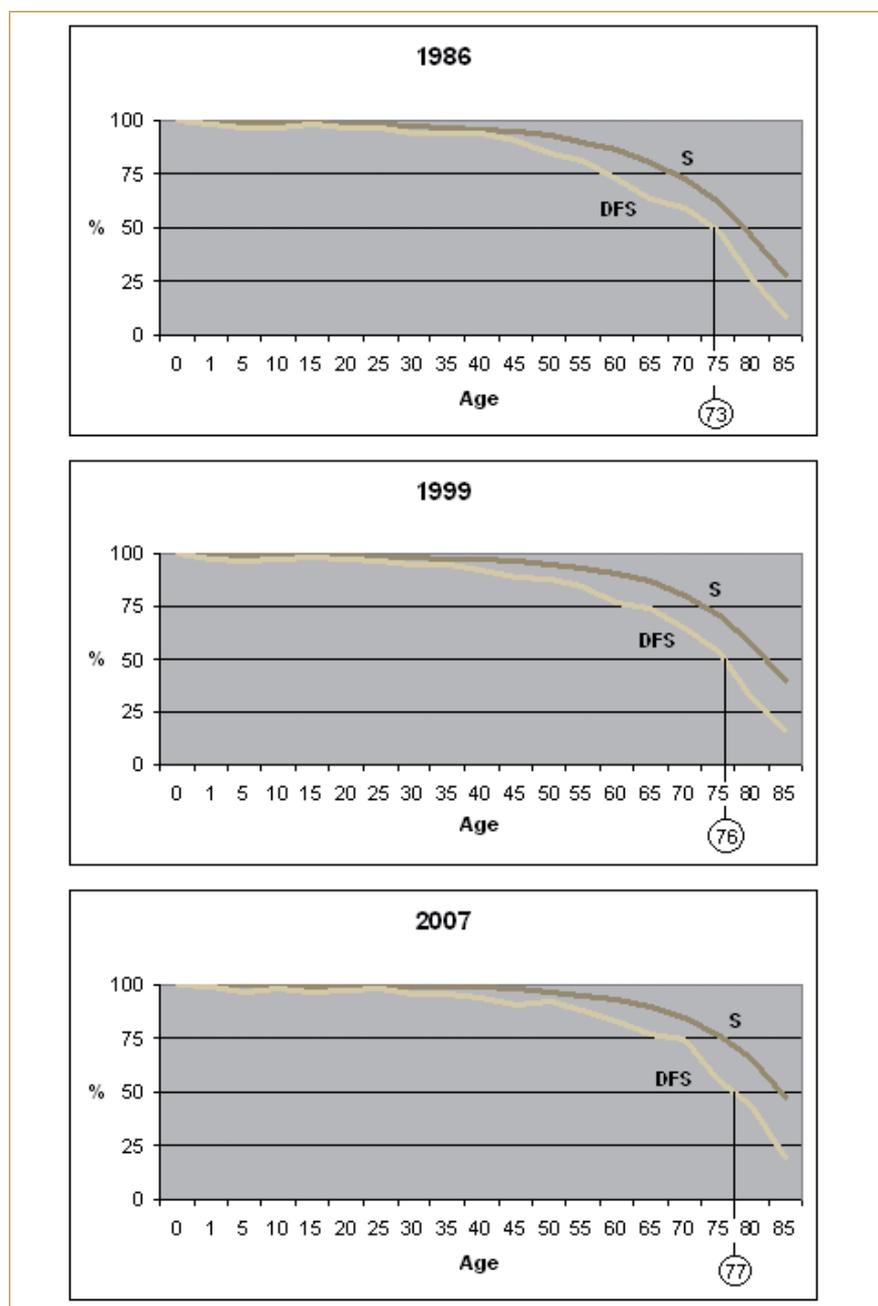
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99321.90	99321.90	74.80	68.55
1-4	99031	395575.95	390000.26	74.53	68.22
5-9	98757	493304.82	482654.26	70.73	64.46
10-14	98565	492652.27	483647.86	65.86	59.69
15-19	98496	491496.10	487510.23	60.91	54.82
20-24	98103	489157.63	480297.63	56.14	50.07
25-29	97560	486655.47	479419.06	51.44	45.43
30-34	97102	484544.89	469611.79	46.67	40.70
35-39	96716	481601.85	466394.68	41.84	36.01
40-44	95925	476500.98	465093.33	37.17	31.44
45-49	94676	468964.81	449688.81	32.63	26.95
50-54	92910	458114.34	416916.96	28.20	22.62
55-59	90336	441220.56	398418.00	23.93	18.65
60-64	86153	416712.81	352709.38	19.97	14.93
65-69	80532	383160.05	302334.12	16.19	11.59
70-74	72732	335679.36	272152.85	12.66	8.68
75-79	61540	269384.96	211054.92	9.51	5.83
80-84	46214	185683.73	108389.19	6.83	3.20
85+	28060	130028.24	39560.24	2.00	1.41

<b>Balearic Islands</b>					
<b>1999</b>					
<b>Age Group</b>	<b>lx</b>	<b>nLx</b>	<b>(1-p<sub>x</sub>)nLx</b>	<b>ex</b>	<b>DFLE<sub>x</sub></b>
<1	100000	99758.00	99758.00	78.74	71.30
1-4	99516	397793.50	388699.92	78.12	70.64
5-9	99401	496783.50	482517.90	74.21	66.81
10-14	99318	496361.00	486014.66	69.27	62.01
15-19	99218	495448.00	490427.02	64.34	57.17
20-24	98924	493875.00	485290.31	59.52	52.39
25-29	98628	492255.00	482695.38	54.69	47.62
30-34	98258	490295.50	474728.93	49.89	42.89
35-39	97835	487668.50	472554.36	45.09	38.22
40-44	97198	484081.50	459779.07	40.37	33.61
45-49	96381	478897.00	442696.88	35.69	29.13
50-54	95099	471019.00	435683.70	31.13	24.86
55-59	93189	459502.50	415862.73	26.72	20.70
60-64	90474	443291.00	375202.76	22.44	16.72
65-69	86544	418454.00	359450.12	18.34	13.15
70-74	80434	379975.00	307057.78	14.53	9.68
75-79	70988	323571.50	244453.23	11.11	6.64
80-84	57735	244169.00	135357.91	8.06	3.93
85+	39237	220902.00	91443.27	5.63	2.33

**Balearic Islands****2007**

Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99742.58	98601.53	81.65	74.09
1-4	99733	398803.52	394241.21	80.87	73.30
5-9	99690	498302.01	481289.98	76.90	69.38
10-14	99643	498141.03	489194.42	71.94	64.58
15-19	99594	497652.09	483578.49	66.97	59.70
20-24	99455	496860.68	486098.68	62.06	54.92
25-29	99242	495786.12	487843.63	57.19	50.14
30-34	99055	494430.32	478875.54	52.29	45.31
35-39	98721	492649.95	476786.62	47.46	40.61
40-44	98320	490004.01	470624.35	42.64	35.93
45-49	97631	486005.35	452709.13	37.92	31.36
50-54	96690	479995.91	456308.11	33.27	26.99
55-59	95117	470111.40	434467.55	28.77	22.64
60-64	92669	455513.17	406058.10	24.46	18.55
65-69	89269	434920.85	375588.95	20.29	14.70
70-74	84563	403927.20	353262.61	16.27	11.08
75-79	76774	357413.05	257394.58	12.66	7.60
80-84	65388	284308.97	192374.82	9.40	4.99
85+	47049	330346.06	133885.95	7.02	2.85

## Survival (S) and Disability-Free Survival (DFS). Balearic Islands 1986, 1999 and 2007.



**Canary Islands**

**1986**

Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99459.62	96054.63	75.60	64.00
1-4	99228	396558.53	387982.66	75.19	63.53
5-9	99051	494902.55	462202.08	71.32	59.72
10-14	98910	494270.43	464090.75	66.42	55.14
15-19	98798	493187.90	472501.82	61.49	50.50
20-24	98477	491356.53	469632.79	56.68	45.87
25-29	98066	489328.01	461330.59	51.91	41.27
30-34	97665	487121.17	458924.23	47.11	36.72
35-39	97183	484204.17	444787.12	42.33	32.18
40-44	96499	479919.30	450531.45	37.62	27.80
45-49	95469	473389.17	413730.17	32.99	23.38
50-54	93887	463122.07	401280.97	28.51	19.36
55-59	91362	447686.73	361129.71	24.23	15.51
60-64	87712	424480.38	309755.02	20.13	12.03
65-69	82080	387899.26	277571.05	16.34	9.09
70-74	73080	337716.08	195973.08	13.05	6.41
75-79	62007	272821.83	157211.41	9.93	4.39
80-84	47122	190511.66	67048.58	7.28	2.44
85+	29082	152360.91	47983.47	5.24	1.65

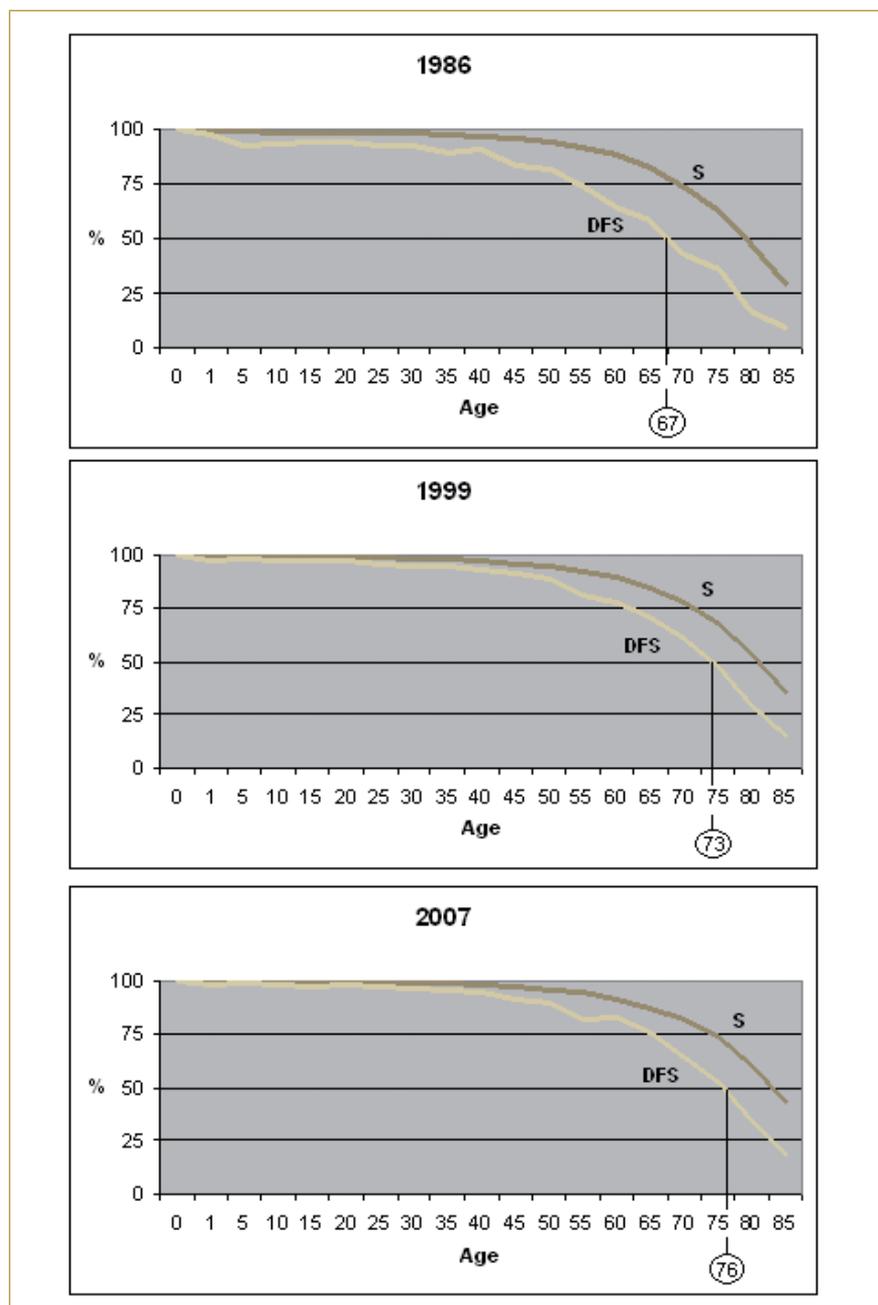
## Canary Islands

1999

Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99690.00	99690.00	77.72	70.42
1-4	99380	397227.50	388544.86	77.20	69.86
5-9	99255	496026.00	490143.70	73.30	66.03
10-14	99155	495539.50	486942.97	68.37	61.16
15-19	99050	494689.50	484257.47	63.44	56.30
20-24	98801	493228.50	484076.63	58.59	51.54
25-29	98492	491688.00	476945.36	53.77	46.79
30-34	98174	489870.00	475563.71	48.93	42.09
35-39	97736	487082.50	473290.90	44.14	37.41
40-44	97061	482901.00	461470.08	39.43	32.79
45-49	96019	476588.00	454774.70	34.83	28.34
50-54	94551	467716.00	437312.74	30.33	23.97
55-59	92397	454611.00	399182.86	25.97	19.80
60-64	89211	434605.00	378241.60	21.80	16.03
65-69	84357	405884.50	340301.13	17.91	12.47
70-74	77612	364825.50	285649.27	14.23	9.17
75-79	67721	304982.50	212125.82	10.93	6.29
80-84	53612	225148.50	124756.93	8.11	3.99
85+	36099	209782.00	89004.90	5.81	2.47

<b>Canary Islands</b>					
<b>2007</b>					
<b>Age Group</b>	<b>lx</b>	<b>nLx</b>	<b>(1-p<sub>x</sub>)nLx</b>	<b>ex</b>	<b>DFLE<sub>x</sub></b>
<1	100000	99677.55	97711.91	80.38	72.47
1-4	99635	398419.10	390562.27	79.67	71.76
5-9	99580	497817.09	491788.52	75.72	67.88
10-14	99547	497582.29	488914.41	70.74	62.96
15-19	99488	497005.68	485723.65	65.78	58.08
20-24	99314	496097.46	488715.53	60.89	53.29
25-29	99088	494788.82	484165.71	56.02	48.48
30-34	98833	493244.77	481091.22	51.16	43.71
35-39	98472	491206.39	477447.70	46.34	38.98
40-44	98008	488220.52	470478.58	41.55	34.30
45-49	97220	483128.20	452705.61	36.86	29.74
50-54	95986	475332.98	440685.96	32.30	25.40
55-59	93997	463517.91	403279.12	27.93	21.25
60-64	91243	446828.14	405836.13	23.69	17.47
65-69	87255	422797.87	368941.88	19.66	13.62
70-74	81692	387716.91	302314.51	15.82	10.03
75-79	73151	335852.56	237746.67	12.37	7.07
80-84	60359	261152.73	148292.97	9.42	4.63
85+	43175	307507.46	131065.83	7.12	3.04

## Survival (S) and Disability-Free Survival (DFS). Canary Islands 1986, 1999 and 2007.

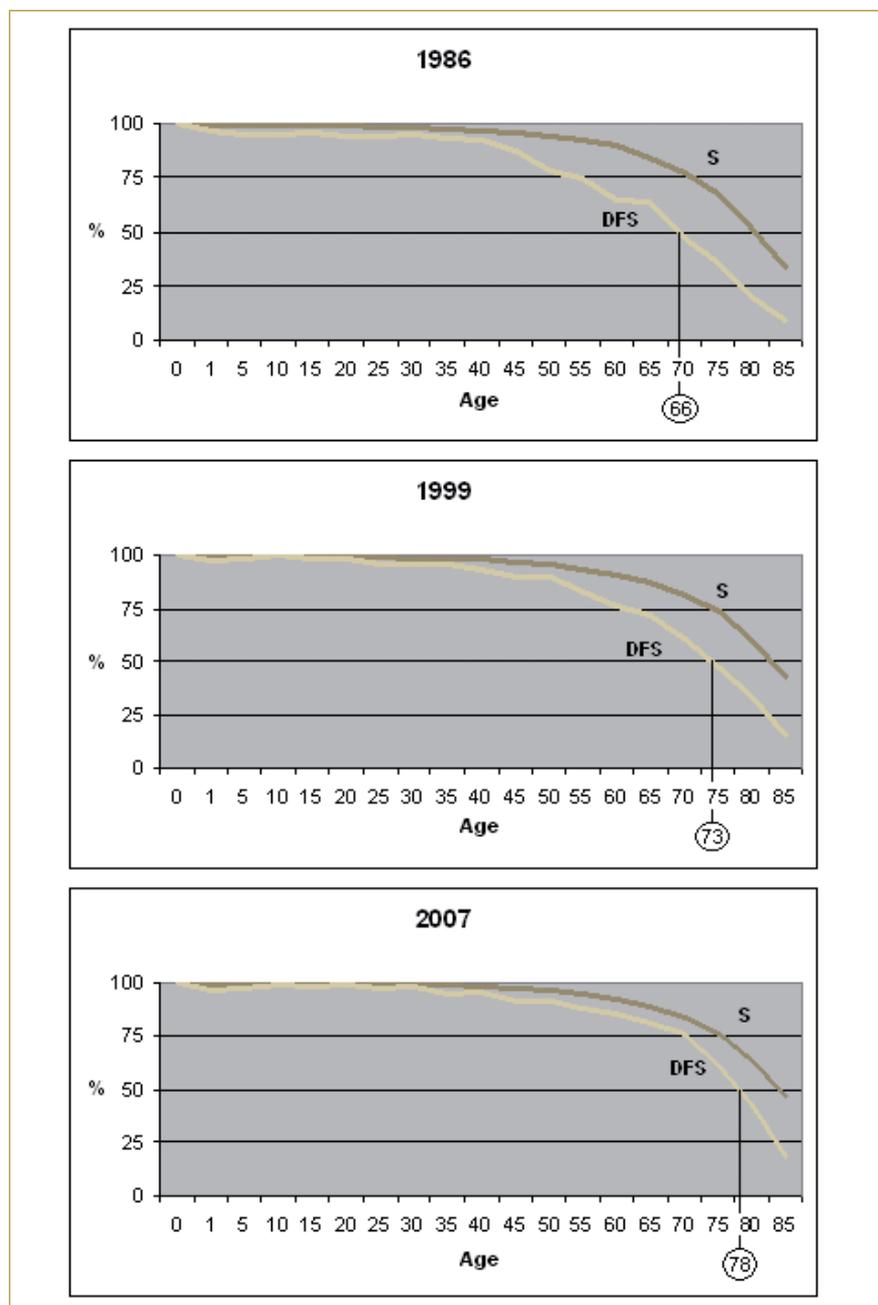


<b>Cantabria</b>					
<b>1986</b>					
<b>Age Group</b>	<b>lx</b>	<b>nLx</b>	<b>(1-p<sub>x</sub>)nLx</b>	<b>ex</b>	<b>DFLE<sub>x</sub></b>
<1	100000	99532.73	99532.73	76.98	65.57
1-4	99332	396809.34	384225.79	76.49	65.01
5-9	99072	495023.00	473611.93	72.69	61.30
10-14	98937	494328.47	475584.05	67.78	56.60
15-19	98794	493224.03	478918.00	62.88	51.87
20-24	98495	491414.03	470289.77	58.06	47.16
25-29	98070	489244.18	470862.58	53.30	42.57
30-34	97627	487214.33	472892.51	48.53	37.94
35-39	97258	484902.21	463534.19	43.71	33.22
40-44	96702	481223.73	458021.01	38.94	28.62
45-49	95787	475747.82	434631.68	34.29	24.11
50-54	94512	467020.71	384679.83	29.72	19.84
55-59	92296	453287.18	367432.12	25.37	16.15
60-64	89019	432230.87	312559.36	21.22	12.62
65-69	83874	403334.09	305940.74	17.36	9.66
70-74	77460	361151.31	217210.85	13.60	6.51
75-79	67001	297750.80	156170.80	10.33	4.29
80-84	52100	213398.46	81537.20	7.57	2.52
85+	33260	180793.02	49597.12	5.44	1.49

<b>Cantabria</b>					
<b>1999</b>					
<b>Age Group</b>	<b>lx</b>	<b>nLx</b>	<b>(1-p<sub>x</sub>)nLx</b>	<b>ex</b>	<b>DFLE<sub>x</sub></b>
<1	100000	99898.00	95701.91	79.78	71.08
1-4	99796	398980.00	387632.92	78.94	70.27
5-9	99708	498409.50	491148.95	75.01	66.44
10-14	99671	498199.00	498199.00	70.04	61.54
15-19	99585	497274.50	488579.99	65.09	56.59
20-24	99282	495540.50	490845.75	60.28	51.84
25-29	98951	493965.50	479079.48	55.48	47.05
30-34	98602	491860.50	475490.49	50.66	42.36
35-39	98121	489176.00	475497.46	45.90	37.72
40-44	97515	485560.50	461881.89	41.17	33.08
45-49	96666	480470.00	445183.82	36.51	28.59
50-54	95420	472686.00	445583.02	31.95	24.30
55-59	93584	461697.50	408174.94	27.52	20.02
60-64	90923	445711.50	373939.60	23.25	16.11
65-69	87112	422012.00	348122.25	19.15	12.53
70-74	81378	387746.00	289334.19	15.32	9.13
75-79	73118	335945.00	216435.71	11.74	6.21
80-84	60490	260591.50	145638.06	8.64	3.92
85+	43089	262091.50	91744.74	6.08	2.13

<b>Cantabria</b>					
<b>2007</b>					
<b>Age Group</b>	<b>lx</b>	<b>nLx</b>	<b>(1-p<sub>x</sub>)nLx</b>	<b>ex</b>	<b>DFLE<sub>x</sub></b>
<1	100000	99677.59	96699.22	81.12	74.80
1-4	99633	398459.43	386553.47	80.42	74.11
5-9	99573	497690.76	486622.11	76.46	70.27
10-14	99529	497447.79	497447.79	71.50	65.41
15-19	99416	496791.87	490452.80	66.57	60.48
20-24	99301	495953.63	491817.38	61.65	55.61
25-29	99081	494776.57	485262.02	56.78	50.77
30-34	98842	493317.79	487067.45	51.91	45.99
35-39	98429	491053.72	472486.98	47.12	41.23
40-44	97980	488053.52	476086.45	42.32	36.60
45-49	97141	483554.69	453269.66	37.66	32.01
50-54	96121	476358.61	451587.96	33.03	27.64
55-59	94216	465470.00	433045.36	28.64	23.40
60-64	91801	450801.69	419083.29	24.33	19.30
65-69	88296	430272.76	391290.05	20.19	15.32
70-74	83426	398739.90	363008.82	16.21	11.53
75-79	75572	350304.93	279504.80	12.62	7.92
80-84	63680	279365.10	190205.73	9.47	5.01
85+	46837	323736.92	128831.11	6.91	2.75

## Survival (S) and Disability-Free Survival (DFS). Cantabria 1986, 1999 and 2007.

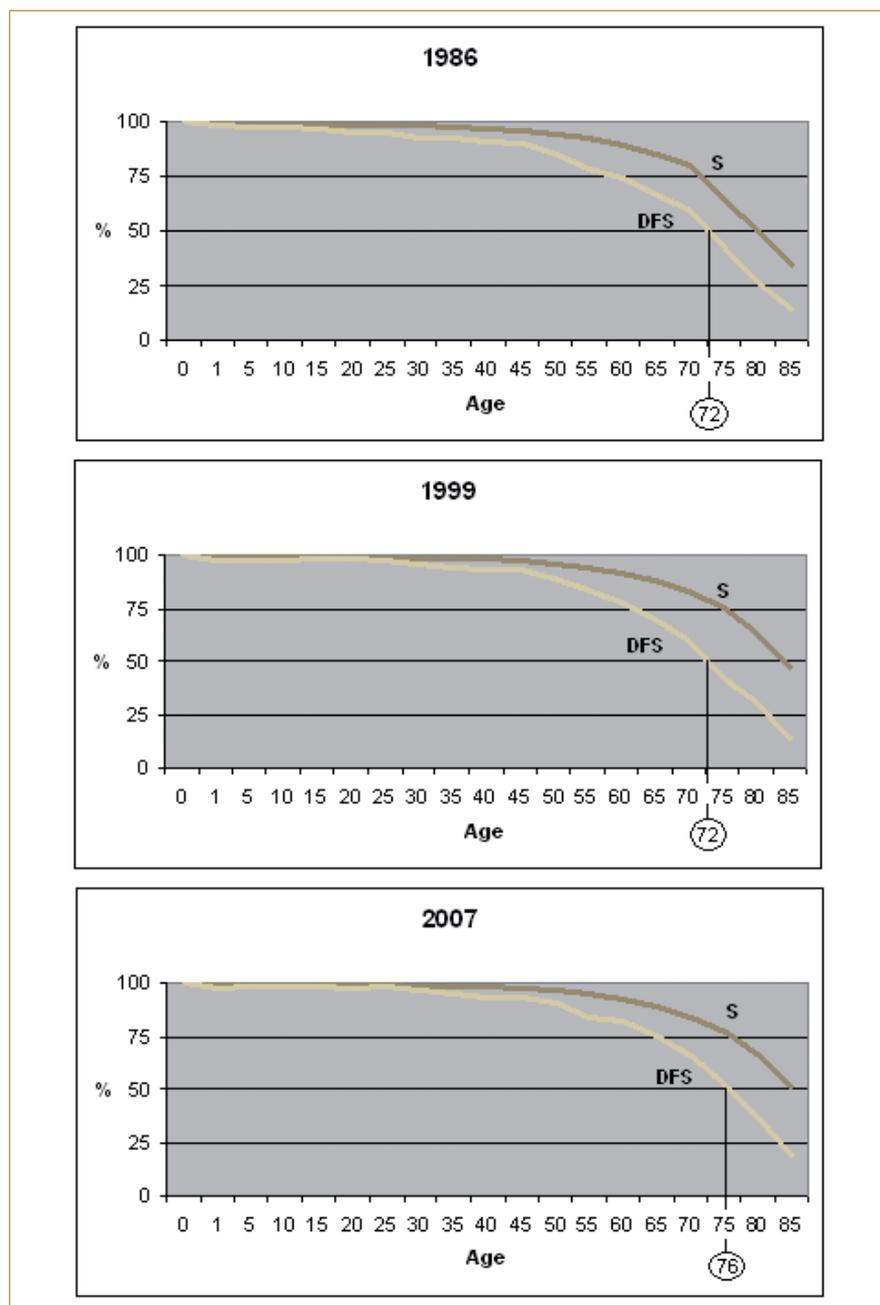


Castilla and Leon					
1986					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99368.47	98953.11	76.94	68.38
1-4	99098	395988.50	391824.08	76.63	68.00
5-9	98896	494115.17	486708.80	72.79	64.18
10-14	98750	493459.90	483970.72	67.89	59.34
15-19	98634	492498.88	480432.64	62.97	54.51
20-24	98365	490872.90	475220.19	58.13	49.77
25-29	97984	488817.71	473383.98	53.35	45.12
30-34	97543	486459.90	461744.94	48.58	40.47
35-39	97041	483657.41	460364.99	43.82	35.92
40-44	96422	479922.18	453860.95	39.08	31.37
45-49	95547	474324.94	446078.03	34.42	26.91
50-54	94183	466013.81	417646.50	29.88	22.56
55-59	92222	454006.98	384625.14	25.46	18.51
60-64	89381	436691.18	359861.20	21.19	14.80
65-69	85296	411493.20	318445.76	17.09	11.29
70-74	79301	356992.46	266879.52	13.19	8.13
75-79	63496	286316.54	185801.70	10.85	5.95
80-84	51031	212336.94	110883.12	7.89	3.76
85+	33904	190218.72	80994.89	5.61	2.39

Castilla and Leon					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99810.50	99810.50	80.76	70.70
1-4	99621	398271.50	389115.79	80.06	69.97
5-9	99522	497472.00	486367.97	76.14	66.13
10-14	99466	497116.50	486473.43	71.18	61.27
15-19	99377	496479.00	488629.28	66.24	56.43
20-24	99189	495206.50	490838.35	61.36	51.61
25-29	98890	493677.00	484180.17	56.54	46.81
30-34	98578	491879.50	476965.65	51.71	42.04
35-39	98149	489347.00	468683.16	46.93	37.37
40-44	97557	486015.00	467317.04	42.20	32.79
45-49	96803	481218.00	460279.07	37.50	28.22
50-54	95615	474051.00	437064.65	32.94	23.75
55-59	93897	463838.00	410303.86	28.49	19.53
60-64	91521	449348.00	379701.46	24.16	15.56
65-69	87977	427946.50	337723.35	20.03	11.87
70-74	82904	396609.50	284828.98	16.09	8.52
75-79	75227	349877.50	196264.88	12.46	5.60
80-84	63982	280899.50	137580.93	9.18	3.52
85+	47461	306710.50	87700.19	6.46	1.85

Castilla and Leon					
2007					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99730.51	97256.19	82.09	73.11
1-4	99675	398603.06	388713.72	81.36	72.37
5-9	99624	498043.49	488715.14	77.40	68.51
10-14	99555	497610.47	488529.08	72.45	63.65
15-19	99494	497041.96	488651.89	67.49	58.78
20-24	99303	496059.60	485543.14	62.62	53.97
25-29	99114	495005.66	488164.69	57.73	49.17
30-34	98852	493573.56	481406.98	52.88	44.36
35-39	98561	491669.43	474800.25	48.02	39.61
40-44	98097	488927.74	464403.12	43.24	34.96
45-49	97409	484601.87	460938.76	38.52	30.44
50-54	96338	478236.18	451091.49	33.92	25.99
55-59	94753	468216.23	416609.44	29.44	21.66
60-64	92328	453679.43	401996.27	25.15	17.72
65-69	88892	433469.77	366906.15	21.01	13.88
70-74	84308	404651.57	316417.30	17.01	10.29
75-79	77020	361111.47	243017.19	13.37	7.15
80-84	66570	295221.94	167762.82	10.05	4.62
85+	50509	373487.58	140061.58	7.39	2.77

## Survival (S) and Disability-Free Survival (DFS). Castilla and Leon 1986, 1999 and 2007.

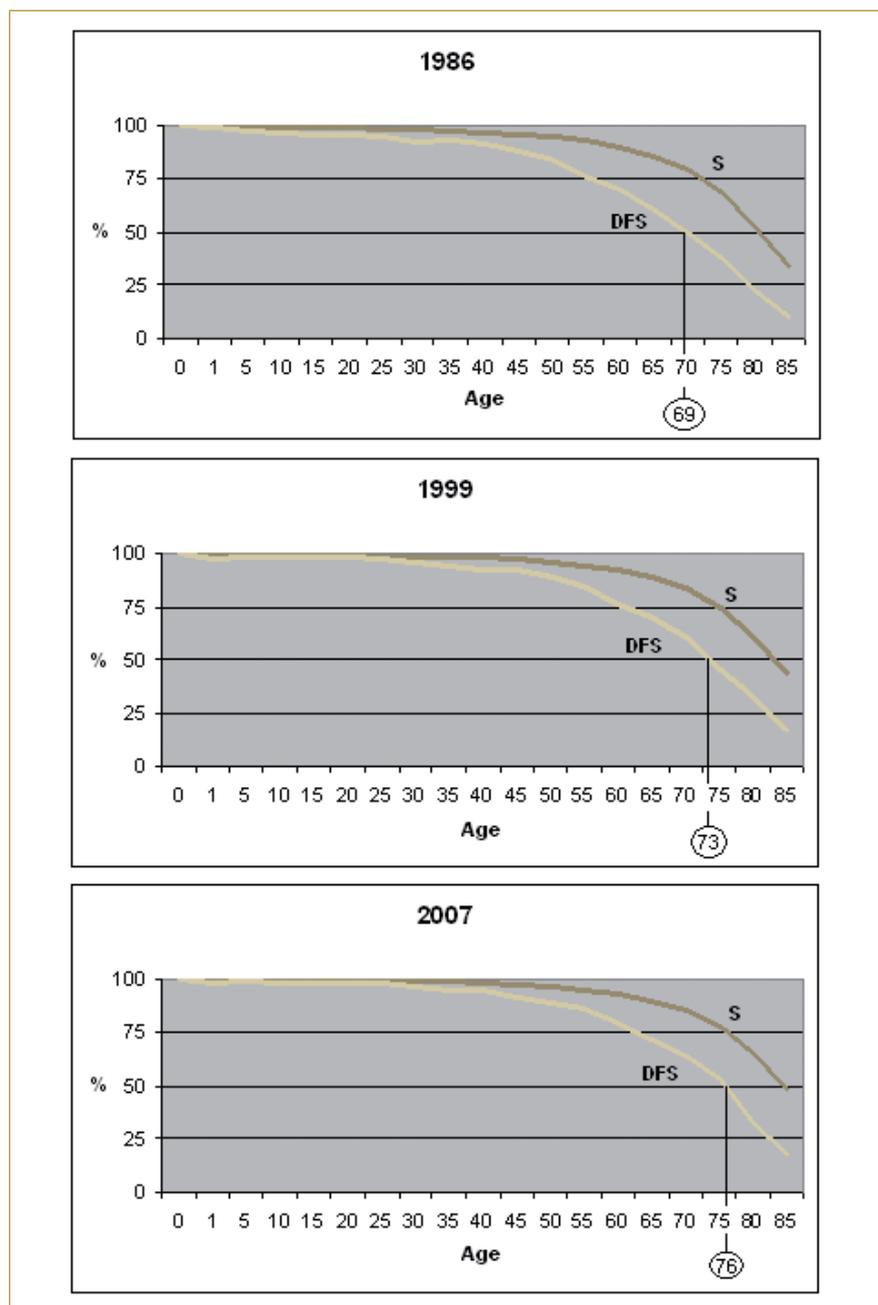


Castilla-La Mancha					
1986					
Age Group	$l_x$	$nL_x$	$(1-p_x)nL_x$	$e_x$	DFLE $x$
<1	100000	99369.32	98050.44	76.96	66.55
1-4	99099	395911.48	392383.13	76.66	66.17
5-9	98857	493952.64	484449.83	72.84	62.36
10-14	98724	493366.79	482234.19	67.94	57.54
15-19	98622	492319.59	478986.50	63.00	52.71
20-24	98305	490426.28	475716.50	58.20	48.01
25-29	97865	488516.02	470626.36	53.45	43.36
30-34	97541	486612.37	460514.97	48.62	38.68
35-39	97104	483908.02	463835.31	43.83	34.11
40-44	96460	480141.70	454601.51	39.10	29.53
45-49	95597	475084.32	434773.64	34.43	25.04
50-54	94437	467370.78	414518.03	29.83	20.75
55-59	92512	455834.92	371992.26	25.39	16.70
60-64	89822	438131.78	340973.86	21.08	13.06
65-69	85430	410556.80	291100.78	17.03	9.74
70-74	78792	367949.27	233027.54	13.26	6.86
75-79	68387	303663.80	166346.00	9.90	4.50
80-84	53078	216357.42	95191.71	7.03	2.66
85+	33465	156742.32	46171.12	4.68	1.38

Castilla-La Mancha					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99800.00	98786.90	80.12	70.98
1-4	99600	398194.00	387538.22	79.44	70.28
5-9	99502	497312.50	489571.63	75.51	66.45
10-14	99425	496932.50	489586.97	70.57	61.58
15-19	99342	496270.00	487998.26	65.63	56.70
20-24	99148	495132.00	489450.57	60.75	51.89
25-29	98890	493644.50	485990.47	55.90	47.08
30-34	98571	492024.50	476093.98	51.08	42.30
35-39	98222	489981.50	470697.39	46.25	37.60
40-44	97739	486965.00	460200.96	41.46	32.97
45-49	96991	482410.50	456600.40	36.76	28.48
50-54	95916	475800.50	441201.52	32.14	24.04
55-59	94315	466034.00	419744.56	27.65	19.77
60-64	91965	451657.50	372889.95	23.28	15.71
65-69	88484	430103.50	337679.47	19.10	12.11
70-74	83117	395908.00	286100.25	15.15	8.83
75-79	74683	343341.00	206954.34	11.56	6.00
80-84	61851	265747.00	141858.52	8.41	3.90
85+	43601	254602.50	99255.25	5.84	2.28

Castilla-La Mancha					
2007					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99669.25	97576.19	81.54	72.38
1-4	99632	398266.79	389903.18	80.84	71.66
5-9	99495	497206.02	491582.62	76.95	67.84
10-14	99411	496928.54	490582.76	72.01	62.96
15-19	99346	496363.09	489691.97	67.06	58.06
20-24	99183	495389.13	488067.28	62.16	53.22
25-29	98972	494396.19	487440.03	57.29	48.40
30-34	98779	493235.47	479883.59	52.40	43.56
35-39	98503	491583.69	473419.67	47.54	38.81
40-44	98079	488779.53	472620.47	42.73	34.15
45-49	97401	484728.34	455348.96	38.01	29.54
50-54	96444	478880.11	438242.34	33.36	25.11
55-59	95013	469837.37	426335.13	28.82	20.87
60-64	92823	456606.39	388352.86	24.44	16.77
65-69	89540	437222.16	348448.57	20.24	13.05
70-74	85028	407313.27	308254.68	16.17	9.65
75-79	77479	360007.89	246328.20	12.49	6.61
80-84	65817	287174.07	143687.55	9.23	4.04
85+	48145	320542.44	121886.26	6.66	2.53

## Survival (S) and Disability-Free Survival (DFS). Castilla - La Mancha 1986, 1999 and 2007.

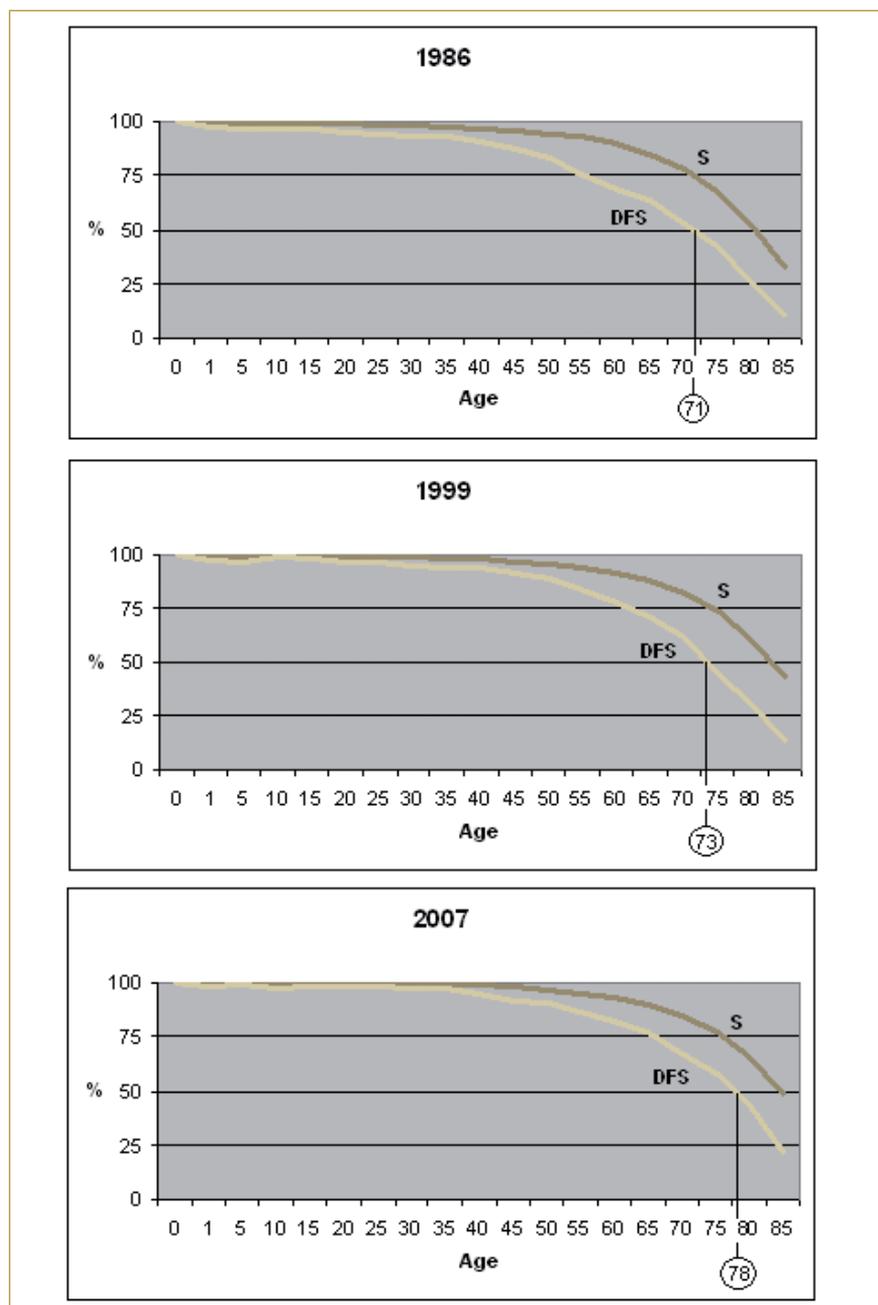


Catalonia					
1986					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99458.65	97965.73	77.04	67.02
1-4	99227	396568.34	388347.48	76.64	66.55
5-9	99058	495042.51	482128.41	72.77	62.74
10-14	98959	494469.84	481380.52	67.84	57.93
15-19	98828	493396.05	481941.15	62.92	53.14
20-24	98530	491718.27	474565.45	58.11	48.41
25-29	98157	489794.80	468105.99	53.32	43.76
30-34	97761	487723.58	464044.82	48.53	39.15
35-39	97329	485157.09	462211.07	43.73	34.55
40-44	96734	481619.14	450224.87	38.98	29.99
45-49	95914	476288.95	434188.88	34.30	25.55
50-54	94602	467991.87	408792.77	29.74	21.32
55-59	92595	455045.37	374333.63	25.33	17.36
60-64	89423	435067.56	333278.47	21.14	13.79
65-69	84604	406180.09	307836.56	17.20	10.64
70-74	77868	363466.29	245977.82	13.47	7.61
75-79	67518	299242.90	185562.48	10.15	5.13
80-84	52179	212413.40	102806.82	7.40	3.08
85+	32786	173674.18	57919.41	5.30	1.77

Catalonia					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99827.50	99827.50	79.74	70.71
1-4	99655	398395.00	388838.37	79.01	69.96
5-9	99557	497606.00	482080.64	75.09	66.12
10-14	99487	497240.00	491014.68	70.14	61.32
15-19	99399	496475.00	488107.39	65.20	56.44
20-24	99163	495066.00	482785.99	60.34	51.65
25-29	98865	493530.00	479759.82	55.52	46.92
30-34	98539	491685.00	472769.81	50.69	42.21
35-39	98109	489211.00	471393.24	45.91	37.57
40-44	97537	485708.50	469118.19	41.16	32.96
45-49	96712	480768.50	454853.40	36.49	28.39
50-54	95519	473417.50	440418.33	31.91	23.98
55-59	93758	462816.50	410879.69	27.46	19.74
60-64	91249	447763.00	382854.75	23.14	15.78
65-69	87563	424526.50	341233.76	19.00	12.07
70-74	81876	389596.50	293035.81	15.14	8.74
75-79	73395	336750.50	204752.89	11.58	5.76
80-84	60456	259738.50	135600.63	8.49	3.60
85+	42827	253399.50	82034.91	5.92	1.92

Catalonia					
2007					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99764.65	97872.11	81.61	74.26
1-4	99727	398740.81	391176.70	80.83	73.49
5-9	99649	498154.02	492031.71	76.90	69.62
10-14	99600	497849.91	486110.61	71.93	64.71
15-19	99533	497332.09	489240.50	66.98	59.87
20-24	99385	496470.69	489162.64	62.07	55.04
25-29	99201	495527.36	487911.11	57.19	50.21
30-34	98997	494372.87	485464.27	52.30	45.38
35-39	98739	492740.76	483447.67	47.43	40.59
40-44	98334	490189.10	473400.12	42.61	35.84
45-49	97693	485938.76	456058.38	37.87	31.23
50-54	96610	479331.97	450572.05	33.27	26.86
55-59	94975	469597.86	427930.44	28.79	22.57
60-64	92650	455933.87	406560.79	24.45	18.52
65-69	89351	435943.53	376921.13	20.25	14.66
70-74	84708	405957.73	318636.22	16.21	11.01
75-79	77125	358948.59	272165.59	12.54	7.96
80-84	65724	287015.15	195930.89	9.26	5.20
85+	48075	321295.64	145852.15	6.68	3.03

## Survival (S) and Disability-Free Survival (DFS). Catalonia 1986, 1999 and 2007.

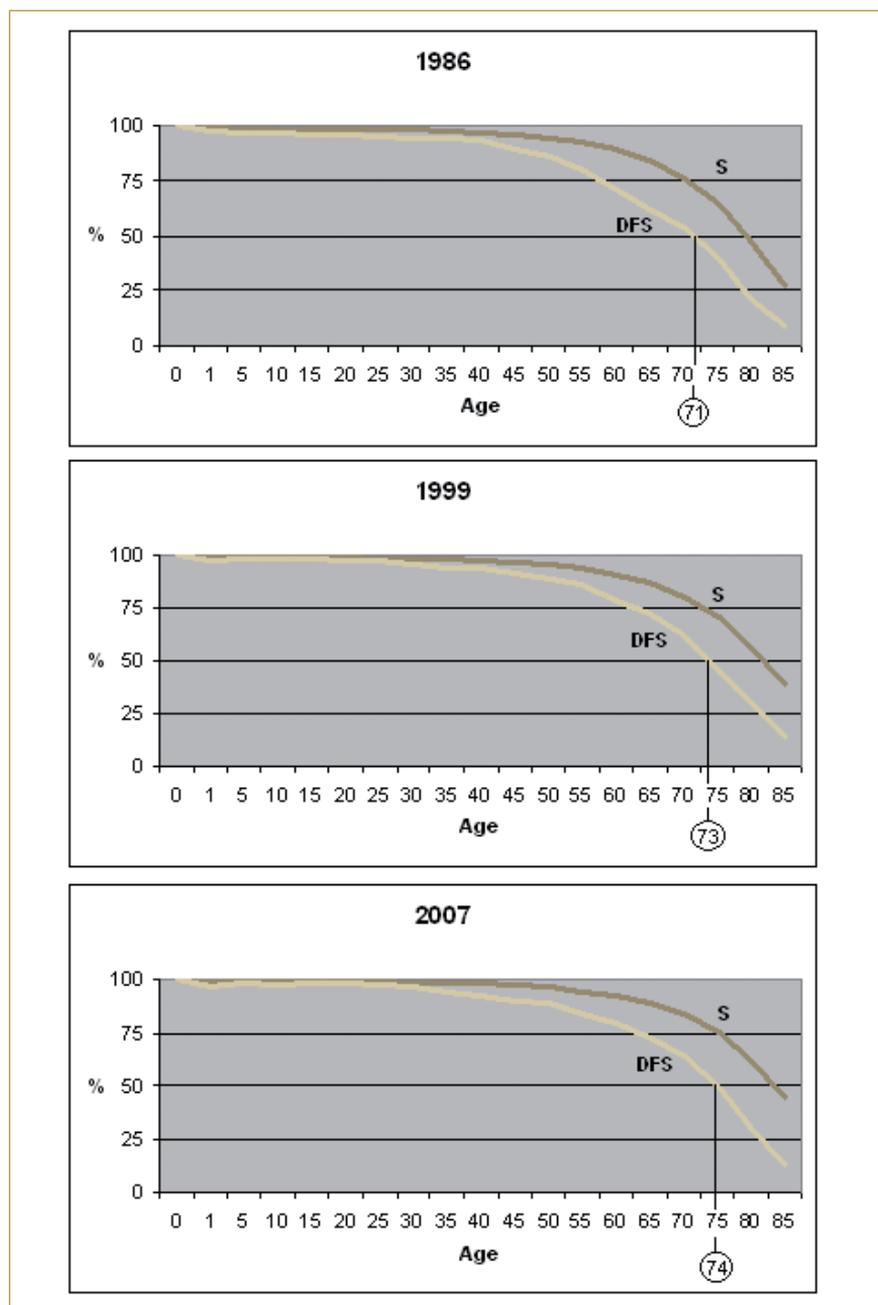


Valencian Community					
1986					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99439.80	98236.64	75.88	67.39
1-4	99200	396299.64	387921.85	75.49	66.95
5-9	98950	494451.60	482480.32	71.67	63.19
10-14	98831	493862.86	480924.32	66.76	58.39
15-19	98715	492787.95	479648.58	61.83	53.59
20-24	98401	491051.79	479089.09	57.02	48.88
25-29	98020	489070.96	473935.26	52.23	44.18
30-34	97608	487041.09	469537.04	47.44	39.51
35-39	97208	484647.18	469843.28	42.63	34.85
40-44	96651	481312.16	463058.74	37.86	30.19
45-49	95874	475835.54	445483.93	33.14	25.60
50-54	94460	467007.18	425402.02	28.60	21.27
55-59	92343	453870.37	395188.60	24.20	17.15
60-64	89205	432465.41	343114.10	19.96	13.32
65-69	83781	398871.62	297831.64	16.10	10.09
70-74	75768	349939.10	247515.85	12.53	7.23
75-79	64208	280004.78	170515.84	9.34	4.67
80-84	47794	188270.69	85535.56	6.69	2.71
85+	27514	131422.00	43948.18	4.78	1.60

Valencian Community					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99823.50	97845.61	78.77	70.91
1-4	99647	398378.00	386820.73	78.05	70.18
5-9	99557	497591.00	488300.10	74.12	66.35
10-14	99483	497251.00	490762.45	69.17	61.49
15-19	99405	496490.50	488009.59	64.22	56.61
20-24	99168	495145.00	486155.31	59.37	51.82
25-29	98890	493634.00	483295.20	54.53	47.05
30-34	98544	491611.50	478515.80	49.71	42.31
35-39	98077	488821.50	470224.62	44.94	37.63
40-44	97420	484989.00	468834.24	40.22	33.06
45-49	96534	479684.50	452686.39	35.57	28.51
50-54	95265	471889.50	441526.05	31.01	24.13
55-59	93384	460605.00	423635.13	26.58	19.89
60-64	90700	443957.00	382548.07	22.28	15.81
65-69	86610	418891.50	348881.77	18.21	12.14
70-74	80521	380679.00	294933.41	14.39	8.73
75-79	71107	322673.50	203182.28	10.94	5.73
80-84	57136	240959.00	128776.43	7.96	3.58
85+	38624	214041.50	75686.60	5.54	1.96

Valencian Community					
2007					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99679.75	96619.58	80.61	71.07
1-4	99633	398321.42	386092.95	79.90	70.36
5-9	99524	497536.37	487421.45	75.99	66.56
10-14	99487	497264.65	486066.25	71.02	61.69
15-19	99410	496689.25	488493.88	66.07	56.84
20-24	99243	495813.57	488703.61	61.18	52.02
25-29	99076	494802.35	483684.14	56.28	47.17
30-34	98840	493542.11	481336.81	51.40	42.39
35-39	98542	491603.37	471083.84	46.55	37.64
40-44	98094	488665.20	456804.23	41.75	33.01
45-49	97306	483913.21	448224.61	37.07	28.58
50-54	96154	476824.59	439226.97	32.48	24.26
55-59	94458	466427.01	410497.75	28.01	20.04
60-64	91901	451015.77	386389.72	23.72	16.14
65-69	88290	429516.86	351671.22	19.58	12.42
70-74	83208	396599.17	304524.70	15.61	8.95
75-79	75037	346199.20	226926.65	12.03	5.87
80-84	62574	269681.56	132602.42	8.89	3.41
85+	44207	286763.52	80732.53	6.49	1.83

## Survival (S) and Disability-Free Survival (DFS). Valencian Community 1986, 1999 and 2007.

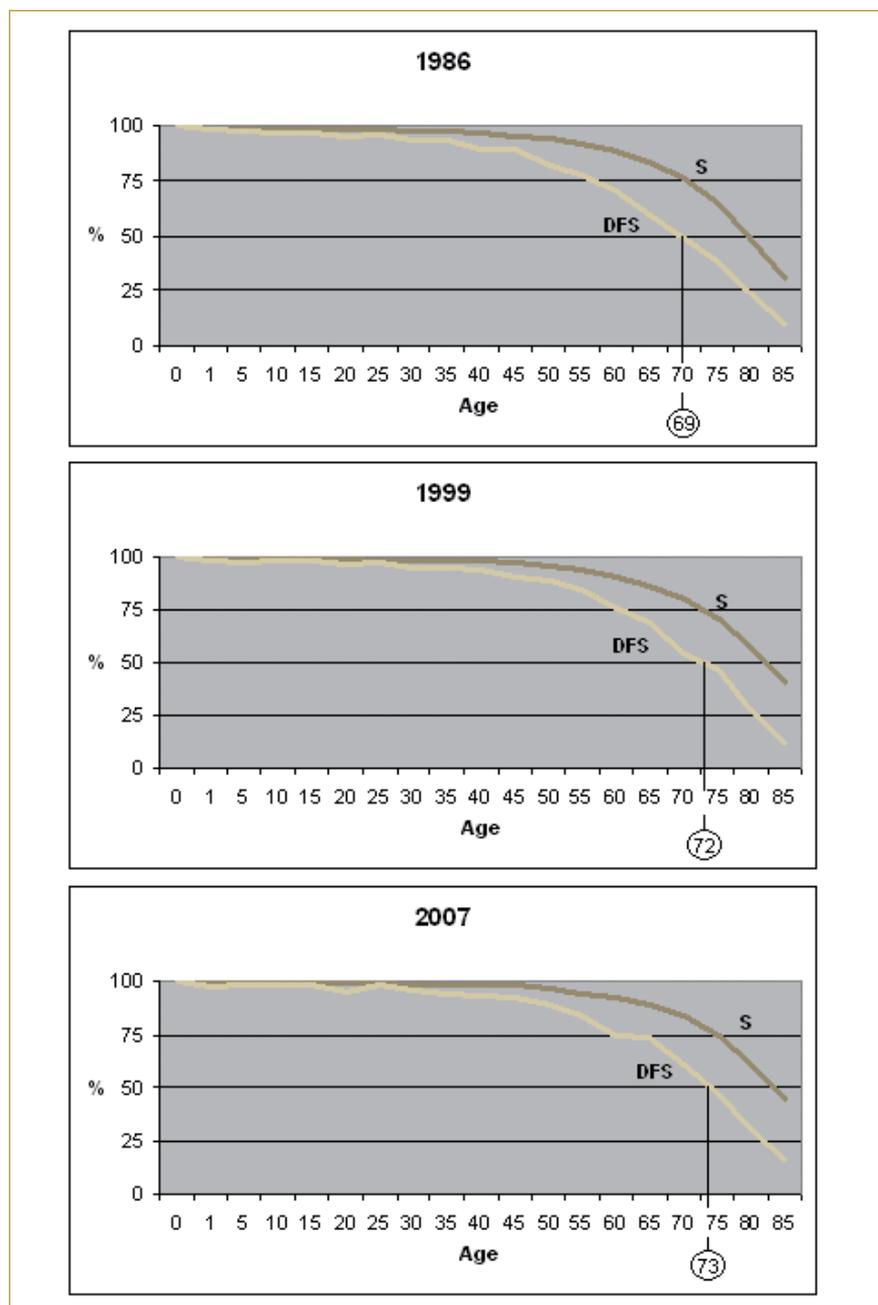


Extremadura					
1986					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99200.17	99200.17	75.87	66.50
1-4	98857	394965.49	392560.71	75.75	66.27
5-9	98625	492809.62	484916.02	71.92	62.44
10-14	98498	492206.59	482702.96	67.01	57.60
15-19	98384	491367.00	481492.43	62.08	52.76
20-24	98163	489944.08	476078.32	57.22	47.97
25-29	97815	488220.75	476449.00	52.41	43.28
30-34	97473	486294.80	462820.42	47.59	38.54
35-39	97045	483238.85	462280.65	42.79	33.94
40-44	96251	478512.96	445234.49	38.12	29.42
45-49	95154	471866.44	439082.75	33.53	25.08
50-54	93592	462371.15	403377.55	29.05	20.81
55-59	91356	448130.67	379144.24	24.70	16.90
60-64	87896	427518.49	341110.04	20.57	13.25
65-69	83111	396563.84	282650.55	16.61	9.91
70-74	75514	349705.58	228211.00	13.03	7.17
75-79	64368	282595.20	166321.91	9.85	4.86
80-84	48670	197023.93	95061.00	7.23	3.01
85+	30139	154634.66	51510.83	5.13	1.71

Extremadura					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99758.50	99758.50	79.01	70.01
1-4	99517	397908.00	395241.54	78.39	69.35
5-9	99441	497015.50	486579.23	74.45	65.43
10-14	99364	496656.00	491814.15	69.51	60.58
15-19	99286	495940.00	489681.84	64.56	55.67
20-24	99076	494720.50	482410.51	59.69	50.85
25-29	98805	493225.50	484255.53	54.85	46.11
30-34	98482	491546.50	474463.77	50.02	41.34
35-39	98127	489479.00	475006.84	45.19	36.66
40-44	97621	486262.00	468536.96	40.41	31.98
45-49	96837	481309.00	450392.36	35.72	27.40
50-54	95561	473095.50	440430.18	31.16	23.05
55-59	93568	460918.00	415303.20	26.76	18.84
60-64	90638	442936.00	369794.32	22.54	14.86
65-69	86242	416671.00	332659.87	18.56	11.33
70-74	80062	378703.00	254952.43	14.79	8.05
75-79	70804	322489.00	207800.08	11.37	5.51
80-84	57494	244929.00	113987.13	8.39	3.17
85+	39948	237656.00	68014.99	5.95	1.70

Extremadura					
2007					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99721.96	97450.29	80.64	71.14
1-4	99682	398553.55	389474.50	79.90	70.39
5-9	99585	497780.30	488198.03	75.98	66.55
10-14	99498	497408.34	490151.15	71.04	61.70
15-19	99445	496738.41	492257.83	66.08	56.80
20-24	99277	495903.72	475140.23	61.18	51.94
25-29	99099	494919.10	489291.87	56.29	47.24
30-34	98848	493784.14	478758.29	51.43	42.41
35-39	98657	492198.93	469917.08	46.52	37.64
40-44	98136	489212.70	465867.47	41.75	33.05
45-49	97466	484871.58	457379.36	37.02	28.50
50-54	96415	477740.23	438020.91	32.39	24.06
55-59	94458	466685.78	415667.69	28.01	19.93
60-64	91970	450446.17	365406.44	23.69	15.95
65-69	88098	428646.54	356415.31	19.62	12.50
70-74	83074	394581.26	290139.55	15.65	8.96
75-79	74249	340923.06	216141.81	12.19	6.12
80-84	61424	266103.72	132383.94	9.19	3.88
85+	44285	298118.40	106019.85	6.73	2.39

## Survival (S) and Disability-Free Survival (DFS). Extremadura 1986, 1999 and 2007.

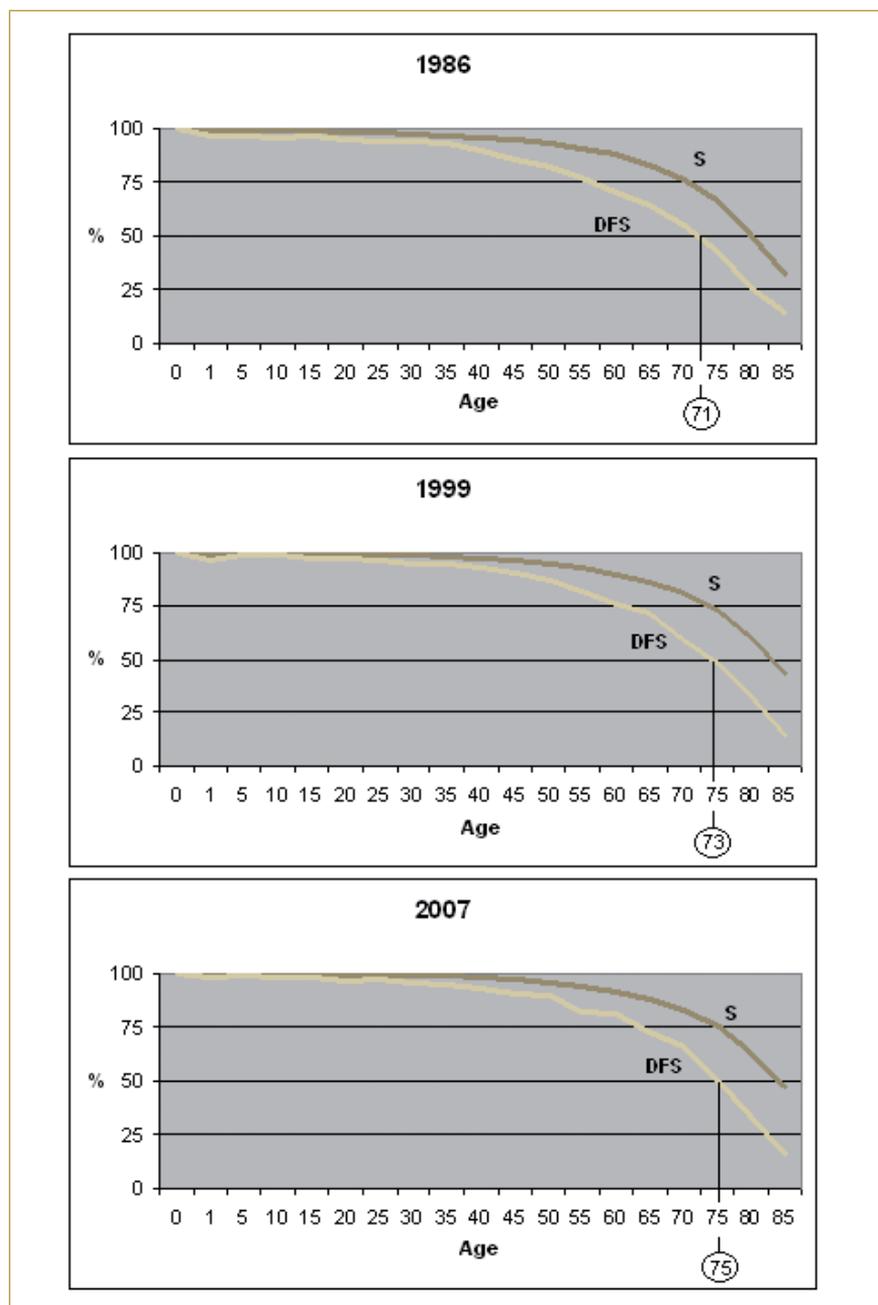


Galicia					
1986					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99170.65	97569.49	76.04	67.25
1-4	98815	394853.85	386368.35	75.94	67.07
5-9	98612	492664.86	482333.68	72.10	63.29
10-14	98454	491913.84	478122.34	67.21	58.49
15-19	98311	490651.13	479949.36	62.30	53.71
20-24	97949	488681.43	474996.68	57.52	49.01
25-29	97523	486423.90	470938.12	52.76	44.35
30-34	97046	483811.58	466857.40	48.01	39.72
35-39	96478	480516.22	462944.68	43.28	35.11
40-44	95728	476055.23	444488.57	38.60	30.55
45-49	94694	469532.40	426238.76	33.99	26.19
50-54	93119	460227.51	405992.75	29.52	22.06
55-59	90972	446641.60	379288.95	25.16	18.11
60-64	87685	426395.81	339143.53	21.01	14.47
65-69	82874	396930.42	307234.18	17.09	11.22
70-74	75898	354051.10	256596.14	13.43	8.20
75-79	65722	291190.84	185520.56	10.12	5.56
80-84	50754	206761.47	107214.95	7.37	3.55
85+	31950	167055.34	72906.03	5.23	2.28

Galicia					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99796.50	98735.54	79.51	70.58
1-4	99593	398149.00	386675.33	78.84	69.88
5-9	99503	497299.50	494601.45	74.91	66.06
10-14	99414	496873.00	494162.67	69.97	61.14
15-19	99328	496031.00	483978.24	65.03	56.22
20-24	99050	494383.00	484262.12	60.21	51.49
25-29	98708	492688.00	481486.06	55.41	46.76
30-34	98352	490568.00	472762.02	50.60	42.04
35-39	97848	487663.50	468120.78	45.84	37.42
40-44	97185	483675.00	460698.57	41.14	32.86
45-49	96229	477839.50	448345.46	36.52	28.40
50-54	94822	469493.00	431108.75	32.02	24.09
55-59	92872	457953.50	405074.78	27.64	19.95
60-64	90161	441937.50	371136.28	23.39	16.06
65-69	86432	419674.00	348934.62	19.29	12.46
70-74	81084	386554.00	281162.83	15.38	8.98
75-79	72990	336029.00	218520.13	11.79	6.12
80-84	60672	262548.00	142647.99	8.65	3.76
85+	43590	262325.50	85738.96	6.02	1.97

Galicia					
2007					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99690.61	97596.11	80.99	71.92
1-4	99663	398566.40	390192.52	80.26	71.18
5-9	99611	497917.05	494237.44	76.30	67.30
10-14	99557	497594.97	489827.51	71.34	62.38
15-19	99481	496982.64	488245.69	66.40	57.50
20-24	99299	495884.64	481479.19	61.51	52.69
25-29	99038	494592.00	486154.26	56.67	47.97
30-34	98795	493278.67	476462.80	51.80	43.16
35-39	98499	491094.42	473650.74	46.95	38.46
40-44	97905	487549.27	462742.76	42.22	33.85
45-49	97042	482502.07	450324.00	37.57	29.38
50-54	95883	474777.57	441253.53	32.99	25.04
55-59	93929	463545.45	404874.50	28.62	20.87
60-64	91265	447790.88	398157.74	24.38	17.04
65-69	87541	426570.65	353806.23	20.30	13.22
70-74	82677	396000.19	314416.23	16.34	9.71
75-79	75110	349562.57	232724.77	12.71	6.51
80-84	63824	280614.51	148116.76	9.48	4.01
85+	47181	324360.10	107797.83	6.87	2.28

## Survival (S) and Disability-Free Survival (DFS). Galicia 1986, 1999 and 2007.

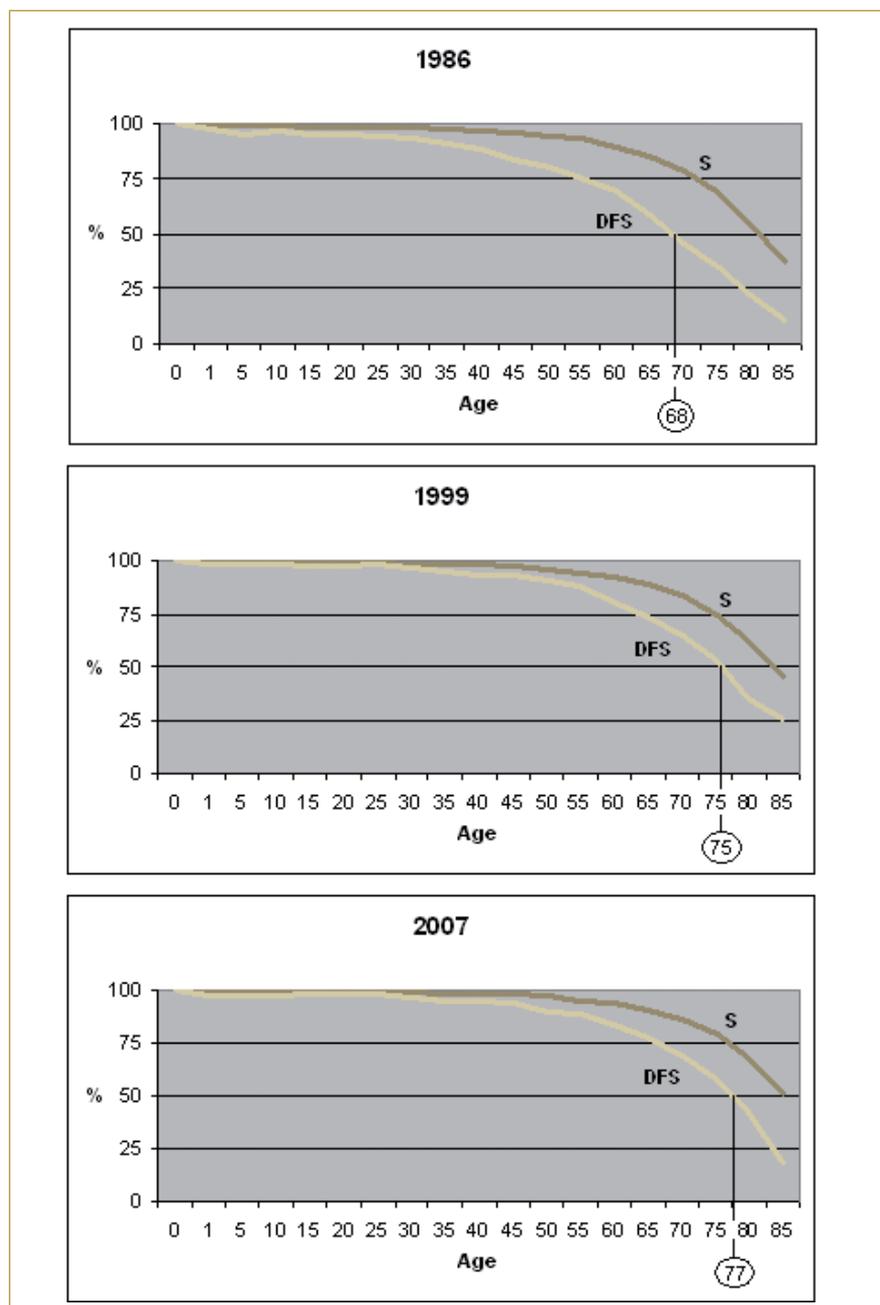


Madrid					
1986					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99468.99	98052.87	77.95	65.42
1-4	99241	396651.71	388752.25	77.54	64.94
5-9	99084	495201.20	476020.67	73.66	61.12
10-14	98996	494742.64	480794.28	68.73	56.36
15-19	98901	493896.81	476379.69	63.79	51.56
20-24	98658	492132.81	474294.07	58.94	46.85
25-29	98195	489789.98	466272.14	54.21	42.24
30-34	97721	487445.31	464084.30	49.46	37.68
35-39	97258	484890.40	454870.07	44.68	33.09
40-44	96699	481459.98	437478.10	39.93	28.57
45-49	95885	476315.49	414735.03	35.24	24.25
50-54	94641	468273.65	397717.96	30.68	20.19
55-59	92669	455692.05	367261.23	26.27	16.33
60-64	89608	436804.10	335845.70	22.09	12.79
65-69	85113	408997.22	281076.87	18.12	9.52
70-74	78485	368378.71	212721.90	14.44	6.74
75-79	68866	308734.02	157024.51	11.11	4.59
80-84	54628	228471.13	93247.49	8.35	2.91
85+	36761	227768.92	65866.63	6.20	1.79

Madrid					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99798.00	99798.00	80.41	73.07
1-4	99596	398147.00	390891.98	79.73	72.36
5-9	99502	497367.50	493147.36	75.81	68.50
10-14	99451	497082.00	490232.56	70.85	63.58
15-19	99377	496588.50	483723.31	65.90	58.70
20-24	99242	495651.00	486655.89	60.98	53.90
25-29	99012	494444.50	489897.97	56.12	49.11
30-34	98751	492831.00	480496.86	51.26	44.28
35-39	98357	490365.50	472752.60	46.45	39.57
40-44	97754	486862.00	464117.26	41.72	34.98
45-49	96968	482172.50	459887.36	37.04	30.48
50-54	95827	475302.00	449103.73	32.45	26.04
55-59	94213	465733.50	435071.66	27.96	21.72
60-64	91984	451782.50	393927.60	23.58	17.52
65-69	88439	429541.50	355748.27	19.41	13.76
70-74	83004	395496.00	309263.59	15.51	10.38
75-79	74644	344205.50	244950.65	11.95	7.40
80-84	62275	270362.00	151183.46	8.79	4.94
85+	45155	277256.00	156157.56	6.14	3.46

Madrid					
2007					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99752.12	97222.40	82.49	74.03
1-4	99718	398723.20	388611.58	81.72	73.26
5-9	99637	498085.88	484114.57	77.78	69.42
10-14	99590	497792.26	486586.95	72.82	64.59
15-19	99534	497285.37	487777.28	67.86	59.74
20-24	99377	496474.98	489722.92	62.96	54.92
25-29	99190	495507.80	489447.74	58.08	50.09
30-34	98991	494465.67	481411.78	53.19	45.25
35-39	98778	492972.06	475229.99	48.30	40.47
40-44	98404	490535.97	473980.38	43.47	35.79
45-49	97778	486534.79	465209.97	38.73	31.18
50-54	96756	480232.35	445862.12	34.11	26.70
55-59	95205	471392.32	437692.49	29.62	22.45
60-64	93151	459157.70	409302.35	25.22	18.25
65-69	90195	441210.58	378329.25	20.95	14.31
70-74	86036	413597.94	328198.23	16.84	10.60
75-79	78873	368895.05	268998.27	13.12	7.40
80-84	67825	299630.33	188536.40	9.82	4.64
85+	51123	366434.91	126269.81	7.17	2.47

## Survival (S) and Disability-Free Survival (DFS). Madrid 1986, 1999 and 2007.

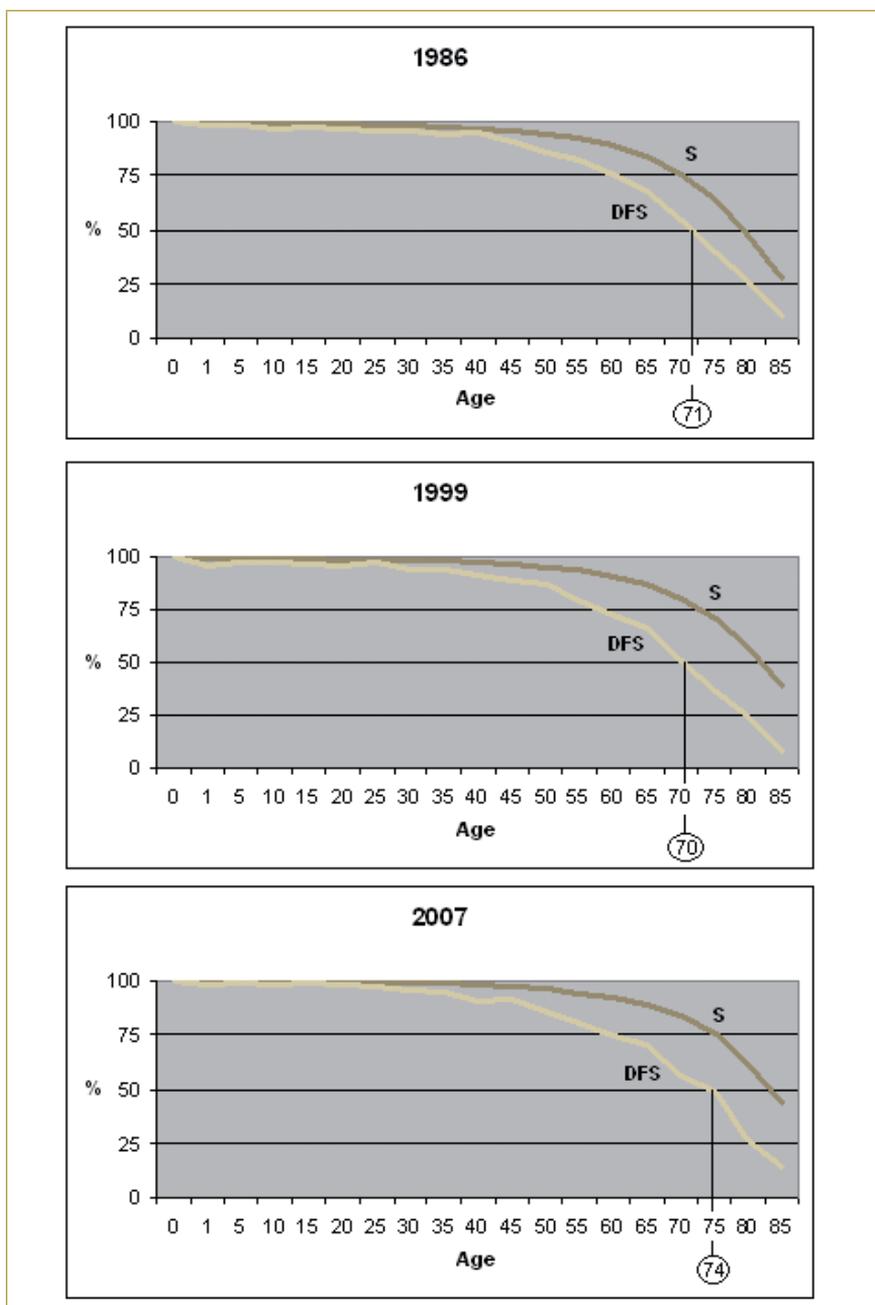


Murcia					
1986					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99367.64	99367.64	75.78	68.69
1-4	99097	395996.98	392162.51	75.47	68.31
5-9	98902	494254.38	489410.99	71.61	64.48
10-14	98800	493735.68	482474.91	66.69	59.59
15-19	98694	492718.81	485005.19	61.75	54.77
20-24	98393	490967.18	481838.85	56.94	50.01
25-29	97994	488911.79	478655.38	52.16	45.29
30-34	97571	486740.69	477625.98	47.37	40.59
35-39	97125	484347.36	466704.82	42.58	35.85
40-44	96614	480754.59	473151.03	37.79	31.21
45-49	95688	475140.90	451198.56	33.13	26.57
50-54	94368	466219.02	422946.92	28.56	22.16
55-59	92119	452815.27	403474.77	24.20	18.11
60-64	89007	431775.85	366061.45	19.96	14.21
65-69	83704	398855.06	325575.87	16.06	10.74
70-74	75838	349770.80	251652.14	12.47	7.56
75-79	64070	279212.19	170361.86	9.30	5.02
80-84	47615	188440.78	106087.68	6.65	3.18
85+	27761	128180.86	45089.83	4.62	1.62

Murcia					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99669.00	98378.74	78.58	67.72
1-4	99338	397037.50	381558.87	78.10	67.18
5-9	99211	495880.50	486037.03	74.20	63.42
10-14	99144	495524.50	486921.70	69.25	58.56
15-19	99051	494727.50	482700.88	64.31	53.70
20-24	98816	493273.00	478253.41	59.46	48.94
25-29	98488	491536.50	482896.10	54.65	44.25
30-34	98109	489473.00	467182.69	49.85	39.50
35-39	97671	486978.00	464388.26	45.06	34.89
40-44	97095	483546.50	454889.81	40.31	30.31
45-49	96274	478666.00	442450.52	35.63	25.85
50-54	95116	471385.50	429238.75	31.03	21.51
55-59	93355	460904.00	393866.45	26.57	17.32
60-64	90817	444662.50	354627.87	22.24	13.47
65-69	86700	418871.00	319234.81	18.16	10.02
70-74	80470	380452.00	242760.73	14.37	6.82
75-79	71126	323441.50	161150.75	10.90	4.31
80-84	57435	241724.00	104046.13	7.87	2.53
85+	38491	210343.50	41139.07	5.46	1.07

Murcia					
2007					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99647.25	98169.49	80.53	70.30
1-4	99604	398253.66	392347.56	79.85	69.60
5-9	99524	497541.28	492764.88	75.91	65.71
10-14	99486	497324.54	488208.58	70.94	60.78
15-19	99432	496404.65	490532.18	65.97	55.90
20-24	99159	495104.88	487064.38	61.15	51.11
25-29	98898	493910.51	485622.69	56.31	46.32
30-34	98669	492606.78	477700.50	51.43	41.51
35-39	98365	490868.82	475082.48	46.58	36.78
40-44	97940	487895.41	453469.51	41.77	32.09
45-49	97184	483532.58	455956.72	37.08	27.67
50-54	96143	476945.62	427390.97	32.45	23.23
55-59	94496	467432.94	400968.65	27.97	19.11
60-64	92273	453741.51	367671.28	23.57	15.23
65-69	88894	432164.79	340714.40	19.37	11.67
70-74	83707	398418.04	267111.40	15.40	8.32
75-79	75149	346436.98	224841.06	11.86	5.71
80-84	62590	266765.00	115872.05	8.70	3.27
85+	43369	277713.13	88671.03	6.40	2.04

## Survival (S) and Disability-Free Survival (DFS). Murcia 1986, 1999 and 2007.

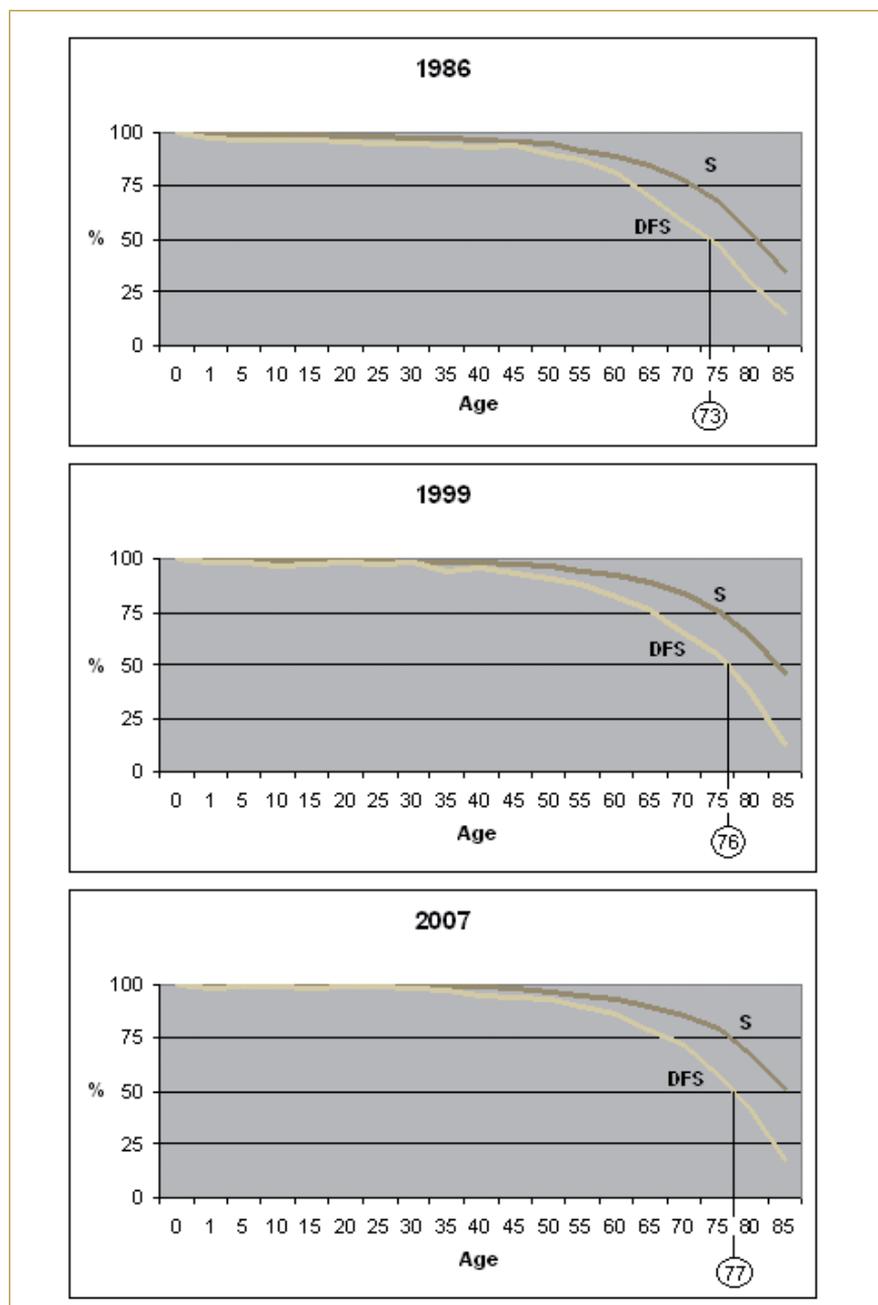


Navarre					
1986					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99178.61	99178.61	76.87	70.25
1-4	98827	394762.39	388015.06	76.78	70.08
5-9	98555	492478.00	481321.48	72.99	66.33
10-14	98437	491769.80	480441.38	68.07	61.52
15-19	98271	490626.26	480084.16	63.18	56.74
20-24	97979	488813.27	477216.74	58.36	52.01
25-29	97546	486975.55	473096.06	53.61	47.34
30-34	97244	485210.98	475309.24	48.77	42.63
35-39	96840	482989.75	467527.54	43.96	37.90
40-44	96356	480031.75	460597.77	39.17	33.23
45-49	95657	474426.68	462405.09	34.44	28.66
50-54	94114	464380.80	442034.14	29.96	24.22
55-59	91639	450671.07	427250.51	25.70	20.05
60-64	88630	431411.19	395575.27	21.49	15.91
65-69	83935	403290.28	335087.14	17.55	12.09
70-74	77381	363137.52	268859.22	13.83	8.78
75-79	67874	303374.33	210117.17	10.41	6.05
80-84	53476	219590.21	120084.53	7.54	3.75
85+	34360	183872.22	80348.35	5.35	2.34

Navarre					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99806.50	99806.50	80.70	72.80
1-4	99613	398320.00	395065.23	80.01	72.08
5-9	99545	497620.50	487718.51	76.07	68.16
10-14	99504	497431.00	480993.89	71.10	63.29
15-19	99446	496768.50	485065.70	66.14	58.49
20-24	99241	495610.50	488250.03	61.27	53.72
25-29	98992	494275.00	484875.16	56.41	48.93
30-34	98714	492758.00	488395.83	51.57	44.15
35-39	98358	490502.50	471551.38	46.74	39.35
40-44	97813	487282.50	475218.84	41.99	34.75
45-49	97088	483176.50	466325.75	37.28	30.11
50-54	96113	476977.50	447983.84	32.63	25.56
55-59	94554	467004.00	434507.26	28.13	21.25
60-64	92144	452624.50	403671.40	23.80	17.09
65-69	88659	431001.50	369324.21	19.63	13.21
70-74	83362	398305.50	311272.57	15.70	9.62
75-79	75469	349187.00	250264.86	12.07	6.50
80-84	63411	276035.00	162787.95	8.85	3.79
85+	46263	285468.00	77269.12	6.17	1.67

Navarre					
2007					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99807.55	97844.33	82.54	75.00
1-4	99767	399005.32	391156.89	81.73	74.19
5-9	99736	498606.80	492653.43	77.76	70.29
10-14	99701	498273.70	492727.91	72.78	65.38
15-19	99590	497567.87	489999.87	67.86	60.50
20-24	99425	496643.49	493013.03	62.97	55.67
25-29	99232	495588.86	491951.24	58.08	50.81
30-34	99047	494559.39	487986.70	53.19	45.94
35-39	98800	493335.78	483927.87	48.32	41.12
40-44	98461	490540.70	471561.68	43.47	36.34
45-49	97780	486657.09	465730.83	38.76	31.77
50-54	96760	480389.99	459584.30	34.14	27.30
55-59	95298	471134.87	443408.58	29.62	22.89
60-64	93056	458227.34	425647.37	25.27	18.68
65-69	89882	439859.68	383491.67	21.07	14.60
70-74	85638	412348.61	346743.94	16.97	10.85
75-79	78965	368701.06	265531.13	13.19	7.37
80-84	67873	299330.19	184938.17	9.91	4.67
85+	51210	373197.41	131761.08	7.29	2.57

# Survival (S) and Disability-Free Survival (DFS). Navarre 1986, 1999 and 2007.

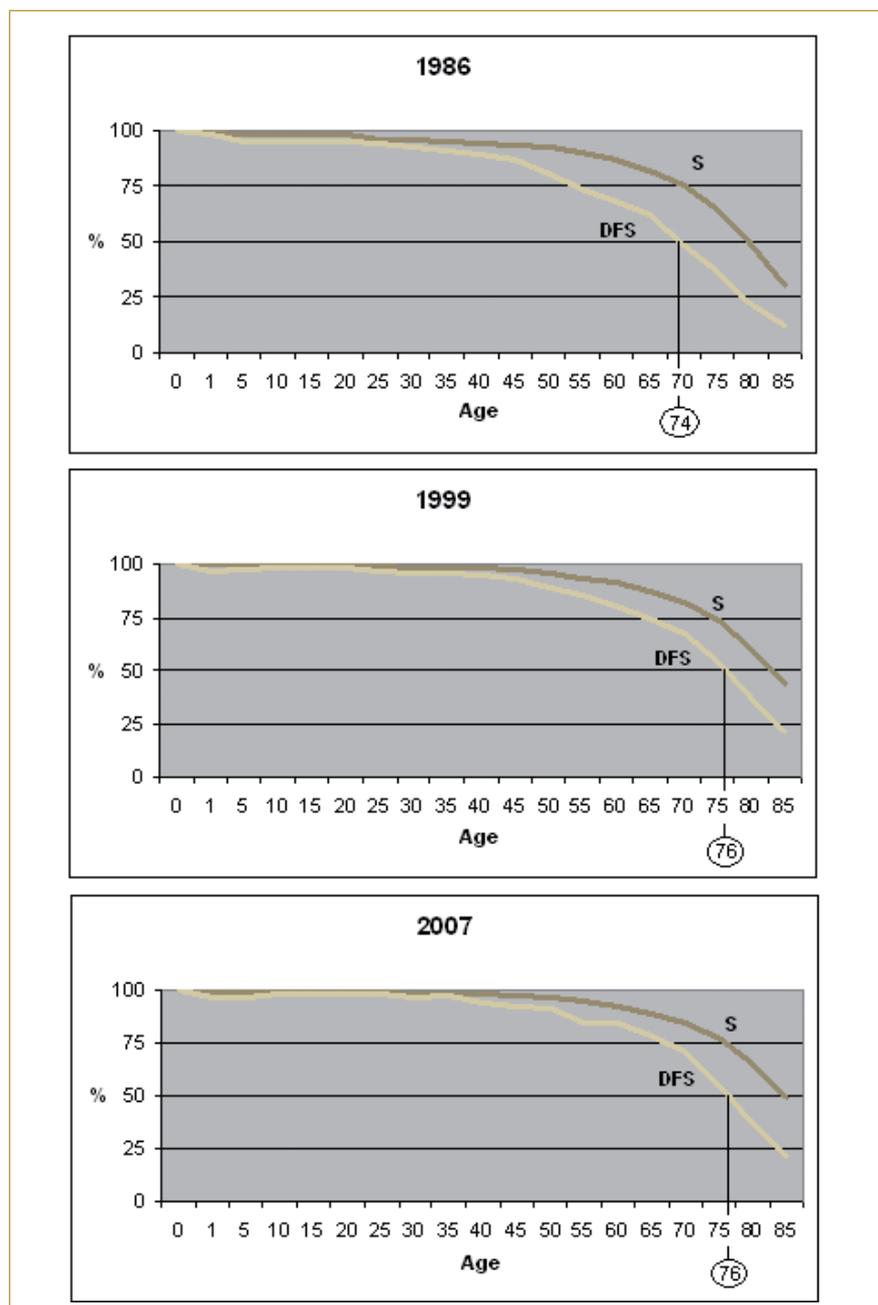


Basque Country					
1986					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99178.61	99178.61	76.87	70.25
1-4	98827	394762.39	388015.06	76.78	70.08
5-9	98555	492478.00	481321.48	72.99	66.33
10-14	98437	491769.80	480441.38	68.07	61.52
15-19	98271	490626.26	480084.16	63.18	56.74
20-24	97979	488813.27	477216.74	58.36	52.01
25-29	97546	486975.55	473096.06	53.61	47.34
30-34	97244	485210.98	475309.24	48.77	42.63
35-39	96840	482989.75	467527.54	43.96	37.90
40-44	96356	480031.75	460597.77	39.17	33.23
45-49	95657	474426.68	462405.09	34.44	28.66
50-54	94114	464380.80	442034.14	29.96	24.22
55-59	91639	450671.07	427250.51	25.70	20.05
60-64	88630	431411.19	395575.27	21.49	15.91
65-69	83935	403290.28	335087.14	17.55	12.09
70-74	77381	363137.52	268859.22	13.83	8.78
75-79	67874	303374.33	210117.17	10.41	6.05
80-84	53476	219590.21	120084.53	7.54	3.75
85+	34360	183872.22	80348.35	5.35	2.34

Basque Country					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99844.50	99844.50	79.88	72.81
1-4	99689	398561.50	385499.41	79.13	72.04
5-9	99604	497856.00	485431.57	75.19	68.23
10-14	99540	497541.50	490189.98	70.24	63.40
15-19	99477	496973.50	492003.96	65.28	58.51
20-24	99290	495836.00	491747.23	60.40	53.66
25-29	99034	494365.50	481411.90	55.55	48.84
30-34	98703	492490.00	478547.76	50.73	44.12
35-39	98265	489785.50	475802.16	45.94	39.45
40-44	97620	486254.00	472673.57	41.23	34.84
45-49	96850	481338.00	460351.85	36.53	30.23
50-54	95592	473533.50	438724.67	31.98	25.82
55-59	93705	462201.00	423234.38	27.57	21.65
60-64	91051	446122.00	393202.24	23.30	17.64
65-69	87177	423296.50	357355.33	19.22	13.91
70-74	81742	388820.50	320786.17	15.31	10.46
75-79	73273	336878.00	245095.42	11.78	7.30
80-84	60689	261932.00	162746.50	8.67	4.77
85+	43389	264237.00	126709.48	6.09	2.92

Basque Country					
2007					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99586.13	96609.50	81.64	73.86
1-4	99555	398076.52	386178.01	81.01	73.22
5-9	99477	497323.90	481613.44	77.07	69.40
10-14	99432	497027.68	489810.83	72.10	64.59
15-19	99365	496493.84	489915.30	67.15	59.70
20-24	99241	495798.29	492104.59	62.23	54.84
25-29	99073	494974.08	487673.21	57.33	49.96
30-34	98900	493981.00	481715.45	52.43	45.12
35-39	98645	492196.87	482623.65	47.56	40.35
40-44	98181	489155.79	470905.39	42.77	35.63
45-49	97436	484726.56	457194.09	38.08	31.07
50-54	96371	477956.99	451573.76	33.47	26.67
55-59	94617	467095.52	418984.68	29.03	22.39
60-64	92026	452759.25	413609.16	24.78	18.47
65-69	88607	432546.58	381627.20	20.62	14.51
70-74	84024	403284.56	341122.28	16.60	10.76
75-79	76692	357574.25	253051.72	12.93	7.34
80-84	65675	290025.73	164296.68	9.65	4.72
85+	49141	343908.93	145724.53	7.00	2.97

## Survival (S) and Disability-Free Survival (DFS). Basque Country 1986, 1999 and 2007.

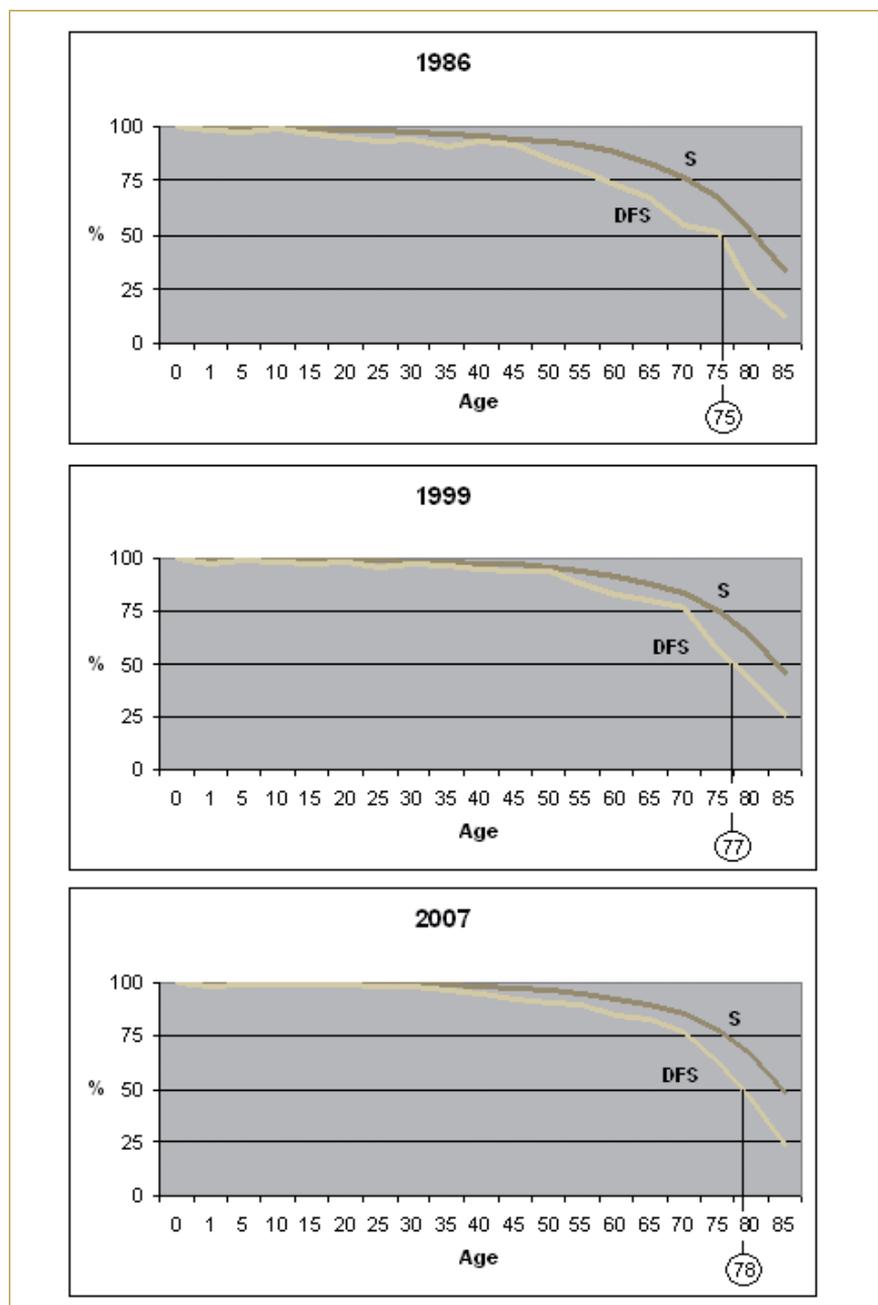


La Rioja					
1986					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99208.75	99208.75	76.28	68.57
1-4	98870	395191.84	390122.83	76.15	68.35
5-9	98726	493365.59	484707.02	72.25	64.49
10-14	98620	492847.28	491292.21	67.33	59.65
15-19	98519	491772.30	479971.53	62.40	54.72
20-24	98190	489598.21	475298.63	57.60	50.02
25-29	97649	486796.77	463186.37	52.90	45.43
30-34	97069	483947.95	469560.39	48.20	40.93
35-39	96510	480968.17	453861.43	43.47	36.30
40-44	95877	476339.61	461876.45	38.74	31.81
45-49	94658	469685.82	453995.98	34.21	27.34
50-54	93216	460975.81	417359.12	29.70	22.89
55-59	91174	447304.98	390026.88	25.30	18.82
60-64	87748	426216.29	355027.08	21.20	15.11
65-69	82739	397576.35	320975.38	17.33	11.74
70-74	76292	358454.53	255127.63	13.58	8.52
75-79	67090	296705.82	226125.34	10.10	5.89
80-84	51592	211838.87	105429.28	7.38	3.27
85+	33143	169070.25	63484.58	5.10	1.92

La Rioja					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99797.00	96492.17	80.51	75.11
1-4	99594	398218.50	387519.45	79.84	74.45
5-9	99459	497191.50	497191.50	75.94	70.66
10-14	99436	497053.00	492815.22	70.96	65.67
15-19	99378	496554.50	488661.28	66.00	60.75
20-24	99193	495314.50	492597.75	61.12	55.94
25-29	98936	494000.00	478541.79	56.27	51.10
30-34	98672	492509.50	484516.93	51.41	46.39
35-39	98313	490414.50	480604.80	46.59	41.63
40-44	97794	486938.00	471019.93	41.82	36.94
45-49	96962	481843.00	467148.49	37.16	32.40
50-54	95638	473741.00	467012.03	32.64	27.96
55-59	93816	463695.50	438105.84	28.22	23.53
60-64	91547	449631.50	406718.18	23.86	19.32
65-69	88110	428754.00	391775.18	19.68	15.46
70-74	83056	397249.50	366684.49	15.72	11.69
75-79	75333	349600.00	261815.04	12.06	8.02
80-84	63693	277313.50	186344.91	8.77	5.37
85+	46266	281425.50	155742.21	6.08	3.37

La Rioja					
2007					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99655.87	98000.58	81.77	75.97
1-4	99643	398480.62	391861.86	81.06	75.26
5-9	99575	497708.63	494737.31	77.12	71.37
10-14	99502	497274.01	493121.77	72.17	66.45
15-19	99388	496439.21	492318.76	67.25	61.57
20-24	99113	494761.72	492693.62	62.43	56.77
25-29	98760	493335.36	488155.34	57.64	51.99
30-34	98564	492408.76	489252.42	52.75	47.14
35-39	98349	490591.81	482134.00	47.86	42.26
40-44	97948	488514.17	470077.64	43.05	37.51
45-49	97464	484639.05	459495.97	38.25	32.88
50-54	96241	478016.55	450740.93	33.70	28.52
55-59	94760	468034.26	444567.02	29.18	24.21
60-64	92405	456070.28	416697.73	24.86	20.02
65-69	89736	438501.02	403999.76	20.52	15.97
70-74	85176	408312.70	369968.06	16.47	12.08
75-79	77588	361732.14	291574.19	12.82	8.49
80-84	65831	288816.92	202853.45	9.61	5.58
85+	48861	343798.49	164541.96	7.04	3.37

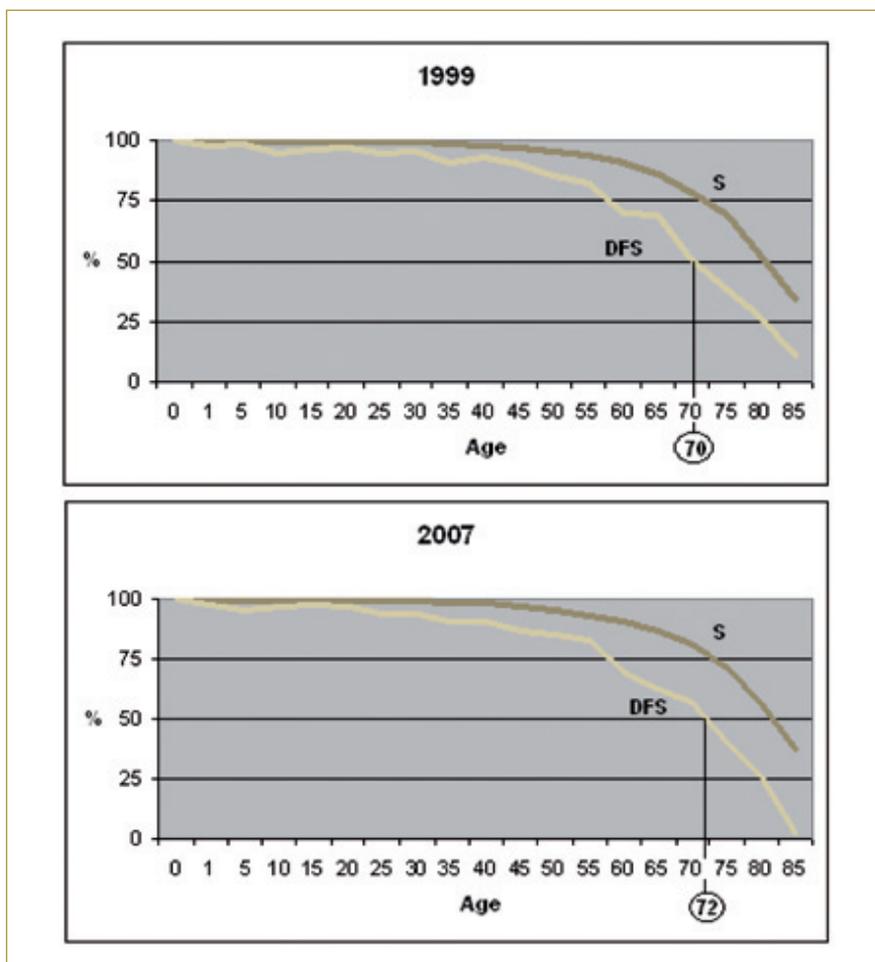
## Survival (S) and Disability-Free Survival (DFS). La Rioja 1986, 1999 and 2007.



Ceuta and Melilla					
1999					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99635.50	96327.58	78.01	68.00
1-4	99271	396794.00	388371.18	77.57	67.53
5-9	99145	495725.00	489882.89	73.67	63.69
10-14	99145	495459.00	472873.16	68.67	58.75
15-19	99019	494630.50	480800.40	63.75	54.05
20-24	98836	493786.50	483808.31	58.87	49.29
25-29	98695	492927.50	471822.16	53.95	44.46
30-34	98466	491627.50	476938.20	49.07	39.77
35-39	98169	489176.50	453821.67	44.21	35.03
40-44	97418	484914.50	462601.85	39.53	30.64
45-49	96537	479603.00	444322.86	34.87	26.13
50-54	95257	472052.50	421823.58	30.30	21.82
55-59	93362	460004.00	402428.09	25.86	17.74
60-64	90346	440719.50	339577.87	21.63	13.88
65-69	85435	409282.50	329156.22	17.71	10.70
70-74	78238	368018.00	236780.22	14.11	7.48
75-79	68336	304516.50	169317.86	10.77	5.10
80-84	52253	215751.00	109647.03	8.26	3.43
85+	34293	215907.00	69335.90	6.30	2.02

Ceuta and Melilla					
2007					
Age Group	lx	nLx	(1-p <sub>x</sub> )nLx	ex	DFLE <sub>x</sub>
<1	100000	99432.46	97111.71	79.48	67.24
1-4	99402	397498.96	388221.33	78.95	66.67
5-9	99356	496527.84	476233.54	74.99	62.79
10-14	99301	496505.10	484084.59	70.03	58.03
15-19	99301	495631.99	486728.73	65.03	53.16
20-24	98987	494461.29	483259.69	60.23	48.41
25-29	98642	492821.90	465703.42	55.43	43.68
30-34	98509	492143.84	466369.13	50.50	39.01
35-39	98334	490867.58	454477.12	45.59	34.34
40-44	98065	487414.08	448180.84	40.70	29.79
45-49	96959	481065.55	431843.49	36.14	25.51
50-54	95280	471029.46	418627.97	31.73	21.43
55-59	92931	457319.08	406952.68	27.46	17.47
60-64	90167	442407.39	342027.23	23.23	13.49
65-69	86504	418045.14	301099.60	19.10	10.11
70-74	80884	381661.15	268492.28	15.26	7.09
75-79	70984	320035.81	178278.30	12.01	4.29
80-84	55947	232353.18	107468.95	9.52	2.26
85+	37335	300397.96	18845.14	8.05	0.50

# Survival (S) and Disability-Free Survival (DFS). Ceuta and Melilla, 1999 and 2007.



The continuous rise in life expectancy which has been observed over recent decades mainly in the developed countries, has major health and social consequences as a result of the relative increase in the number of elderly and aging people and the predominating chronic diseases and disability in the morbidity pattern. The question which must be posed today is whether the continuing improvement in the risk of mortality which has been recorded is going hand in hand with the population's increasing degree of health. To answer this question, it is necessary for indicators such as healthy life expectancy to be used, this being a diverse set of indicators taking into account not only the population's experiencing mortality, but also the experiencing of morbidity or disability.



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