

INAIL

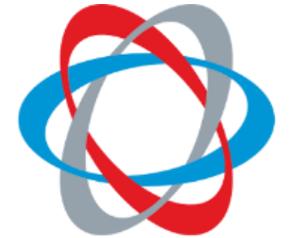
ISTITUTO NAZIONALE PER L'ASSICURAZIONE
CONTRO GLI INFORTUNI SUL LAVORO

45nd AAE Annual Meetings

Rome 5-7 OCTOBER 2022

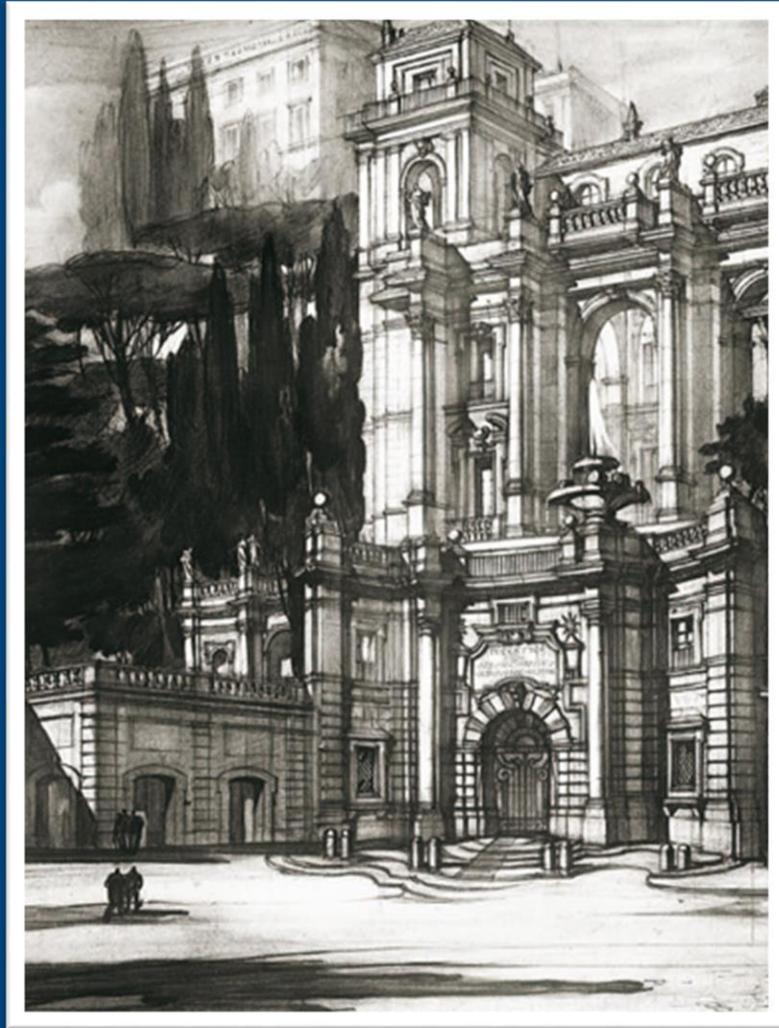
Inail insurance benefits

Daniela Martini

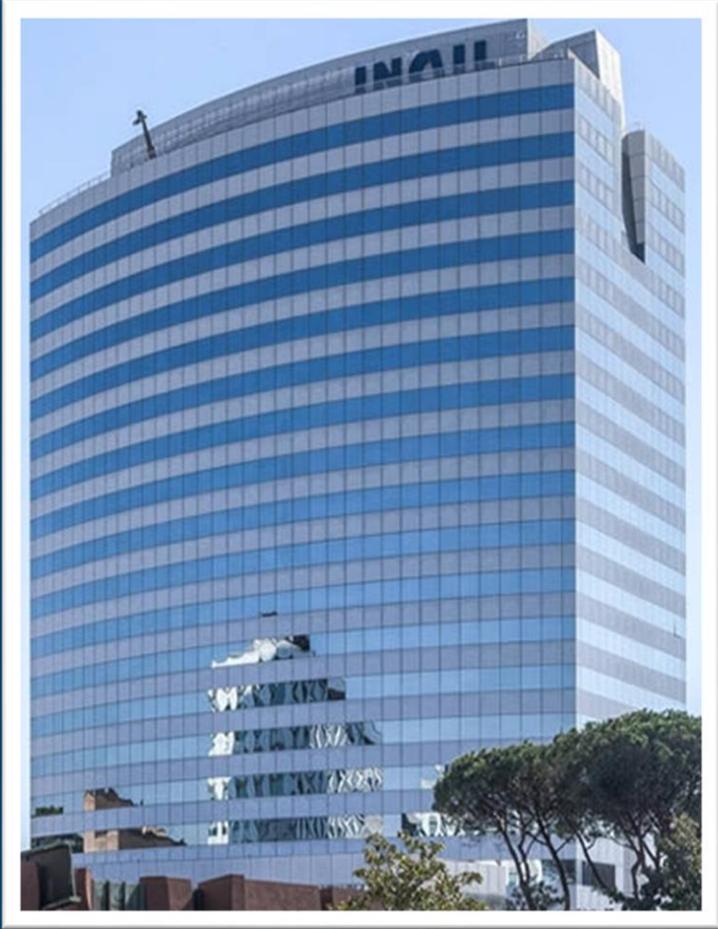
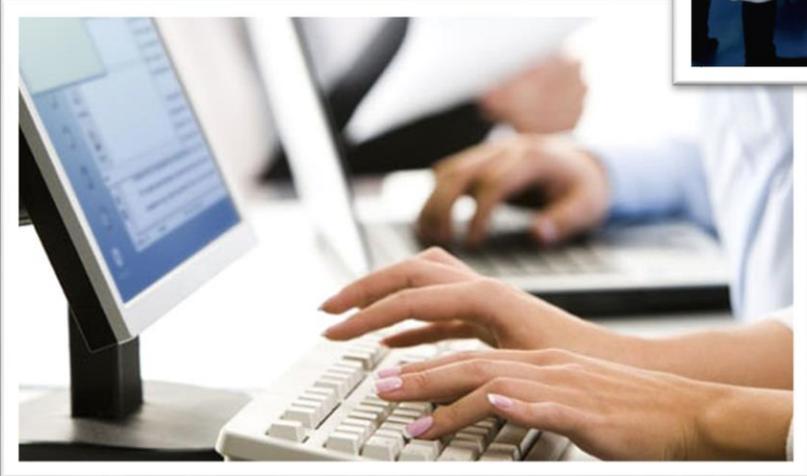


ISOA

Inail was founded in 1933



Is the Inail insurance protection still adequate?



Agenda

- Benefits provided by Inail
- A special insurance protection for special workers:
housewives/househusbands
- Actuarial aspects of benefits' management

Benefits provided by Inail

Object of insurance

Work accident

An accident at the workplace is due to a **violent cause** - rapid and in a short period of time - which takes place during work.

Occupational disease

An occupational disease is contracted as a result of an exposure **over a period of time** to risk factors arising from work activity.

Benefits provided by Inail

Regulatory framework

! Legislative Decree n. 38/2000 redefined the overall role of INAIL, starting to consider worker's injury as a violation of the basic right to health.

Compensation for “**biological damage**” was therefore provided.

July, 25th 2000

New regulations for indemnities are applied to events occurred since 25 July 2000.

Benefits provided by Inail

Health and social-health benefits

- outpatient care
- supplementary rehabilitation treatments
- prosthesis care
- thermal treatments
- support actions for social reintegration
- other benefits



Benefits provided by Inail

Economic benefits

- daily indemnity for temporary total disability to work
- lump-sum compensation for impairment degree between 6% and 15%
- annuity for impairment degree from 16% upwards
- survivors' annuity
- *una tantum* benefit to survivors of workers victims of fatal Accidents
- additional to the annuity for victims of asbestos exposure
- *una tantum* benefit for victims of asbestos exposure
- funeral allowance
- other benefits

Benefits provided by Inail

Daily indemnity for temporary total disability to work

is paid as from the fourth day following the event until clinical recovery.

Allowance calculation

- 60% of the average daily wage up to the 90th day;
- 75% of the average daily wage from the 91st day up to successful clinical recovery;
- the average daily wage is calculated on the basis of that actually paid to the worker in the 15 days prior to the event.



Year 2021
about 380.000 daily
indemnities were
recognized

Benefits provided by Inail

Lump-sum compensation for impairment degree between 6% and 15%

If the after-effects of the work accident or the occupational disease are of degree between 6% and 15%, starting from 25 July 2000 a lump sum compensation (Table of Compensation) is provided for impairment of psycho-physical integrity, i.e. “biological damage”.



The “Table of Compensation of Biological Damage” is structured according to the following criteria:

- non income related, as the impairment causes the same injury to health for all human beings;
- increasing as the severity of the impairment increases;
- variable, on the basis of the age (decreases with an increase in age).

Year 2021
about 40.000 lump-
sum compensations
were recognized

Benefits provided by Inail

Lump-sum compensation for impairment degree between 6% and 15%

Table of lump sum compensation of biological damage⁽¹⁾

amounts in euros

| Impairment degree % | Inail Point | Age classes | | | | | | | | | | |
|---------------------|-------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| | | up to 20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66 e oltre |
| 6 | 1.430,68 | 8.584,08 | 8.154,88 | 7.811,51 | 7.382,31 | 6.953,10 | 6.438,06 | 5.923,02 | 5.407,97 | 4.807,08 | 4.206,20 | 3.862,84 |
| 7 | 1.518,34 | 10.628,38 | 10.096,96 | 9.671,83 | 9.140,41 | 8.608,99 | 7.971,29 | 7.333,58 | 6.695,88 | 5.951,89 | 5.207,91 | 4.782,77 |
| 8 | 1.605,63 | 12.845,04 | 12.202,79 | 11.688,99 | 11.046,73 | 10.404,48 | 9.633,78 | 8.863,08 | 8.092,38 | 7.193,22 | 6.294,07 | 5.780,27 |
| 9 | 1.692,93 | 15.236,37 | 14.474,55 | 13.865,10 | 13.103,28 | 12.341,46 | 11.427,28 | 10.513,10 | 9.598,91 | 8.532,37 | 7.465,82 | 6.856,37 |
| 10 | 1.780,22 | 17.802,20 | 16.912,09 | 16.200,00 | 15.309,89 | 14.419,78 | 13.351,65 | 12.283,52 | 11.215,39 | 9.969,23 | 8.723,08 | 8.010,99 |
| 11 | 1.955,16 | 21.506,76 | 20.431,42 | 19.571,15 | 18.495,81 | 17.420,48 | 16.130,07 | 14.839,66 | 13.549,26 | 12.043,79 | 10.538,31 | 9.678,04 |
| 12 | 2.129,75 | 25.557,00 | 24.279,15 | 23.256,87 | 21.979,02 | 20.701,17 | 19.167,75 | 17.634,33 | 16.100,91 | 14.311,92 | 12.522,93 | 11.500,65 |
| 13 | 2.304,70 | 29.961,10 | 28.463,05 | 27.264,60 | 25.766,55 | 24.268,49 | 22.470,83 | 20.673,16 | 18.875,49 | 16.778,22 | 14.680,94 | 13.482,50 |
| 14 | 2.479,28 | 34.709,92 | 32.974,42 | 31.586,03 | 29.850,53 | 28.115,04 | 26.032,44 | 23.949,84 | 21.867,25 | 19.437,56 | 17.007,86 | 15.619,46 |
| 15 | 2.654,23 | 39.813,45 | 37.822,78 | 36.230,24 | 34.239,57 | 32.248,89 | 29.860,09 | 27.471,28 | 25.082,47 | 22.295,53 | 19.508,59 | 17.916,05 |

⁽¹⁾ Table provided for by Legislative Decree no. 60 of 25 March 2021

Benefits provided by Inail

Lump-sum compensation for impairment degree between 6% and 15%

In 2019 the Table of lump sum compensation of biological damage was completely redefined:

- The benefits are the same for male and female;
- The allowances are calculated on the basis of the life expectancy of the disable workers obtained from the Inail mortality tables;
- The biological damage compensations are revalued each year on the bases of the variation of the consumer price index calculated by Istat (National Institute of Statistics).

Benefits provided by Inail

Annuity for impairment degree from 16% upwards

If the work accident or the occupational disease causes after-effects from 16% upwards, starting from July, 25th 2000 the injured worker receives an annuity until the disability exists (in most cases the annuity is life-long).

Calculation of the annuity

The annuity is the sum of two components:

- Amount depending on the degree of impairment as compensation of **biological damage**
- Amount depending on the salary and the degree of disability as compensation of **economic consequences**

| Year 2021 | |
|---------------------------|---------|
| New annuities | 14.200 |
| Annuities at 2021/12/31 | 555.000 |
| Average impairment degree | 28% |
| Average annuity paid | € 5.245 |

<https://www.inail.it/cs/internet/attivita/dati-e-statistiche/rapporti-statistici-sulle-rendite.html>



Benefits provided by Inail

Annuity for impairment degree from 16% upwards

Compensation of biological damage

The amount is published on a table of annuity compensation of biological damage

| Impairment degree | Compensation (euro) |
|-------------------|---------------------|
| 16% | 1.256,89 |
| ... | ... |
| 50% | 7.541,38 |
| ... | ... |
| 100% | 17.910,78 |

Compensation of economic consequences

Salary x coefficient (degree) x impairment degree

Salary: received in the year preceding the accident or illness, within the minimum and maximum limits established by law.

| Classes of degree | Coefficient |
|-------------------|-------------|
| 16%-20% | 0,4 |
| ... | ... |
| 26%-35% | 0,6 |
| ... | ... |
| 86%-100% | 1 |

Benefits provided by Inail

Survivors' annuity

If the accident at work or the occupational disease causes the death of the worker the survivors receive an annuity.

Entitled survivors

- spouse: until death or re-marriage and civilly united person.
- children: until 18 years of age for all children and, not beyond 26 years of age, if students;
- sons unfit for work: as long as such incapacity lasts.

In the absence of spouse and children:

- parents: with income requirements, until death;
- brothers and sisters: with income requirements and co-habiting, in the same terms as those valid for children.

| Year 2021 | |
|----------------------|----------|
| New annuities | 2.700 |
| Annuities paid | 96,500 |
| Average annuity paid | € 12.490 |

Benefits provided by Inail

Survivors' annuity

Calculation of the annuity

With regard to the conventional salary, the annuity is calculated as follows:

- 50% to the spouse and civilly united person;
- 20% to each child (40% if child orphaned of both parents).

In the absence of spouse and children:

- 20% to each parent;
- 20% to each brother and sister.



**Conventional salary
from 2022/07/01:
€ 33.021,3**

Benefits provided by Inail

Asbestos Victims Fund

Asbestos is one of the most important occupational carcinogens, causing about half of the deaths from occupational cancer. At least 107.000 people die each year from asbestos-related diseases resulting from occupational exposures.



In 1992 Italy prohibits the extraction, import, use, marketing and export of asbestos and products that contain it. Since 2008, Inail manages **Asbestos Victims Fund**. The aim of the Fund is to provide additional financial support to the diseased to enable higher levels of care. Since 2021 the Fund is financed by the State.

<https://www.inail.it/cs/internet/docs/alg-pubbl-fondo-vittime-amianto-2019.pdf>

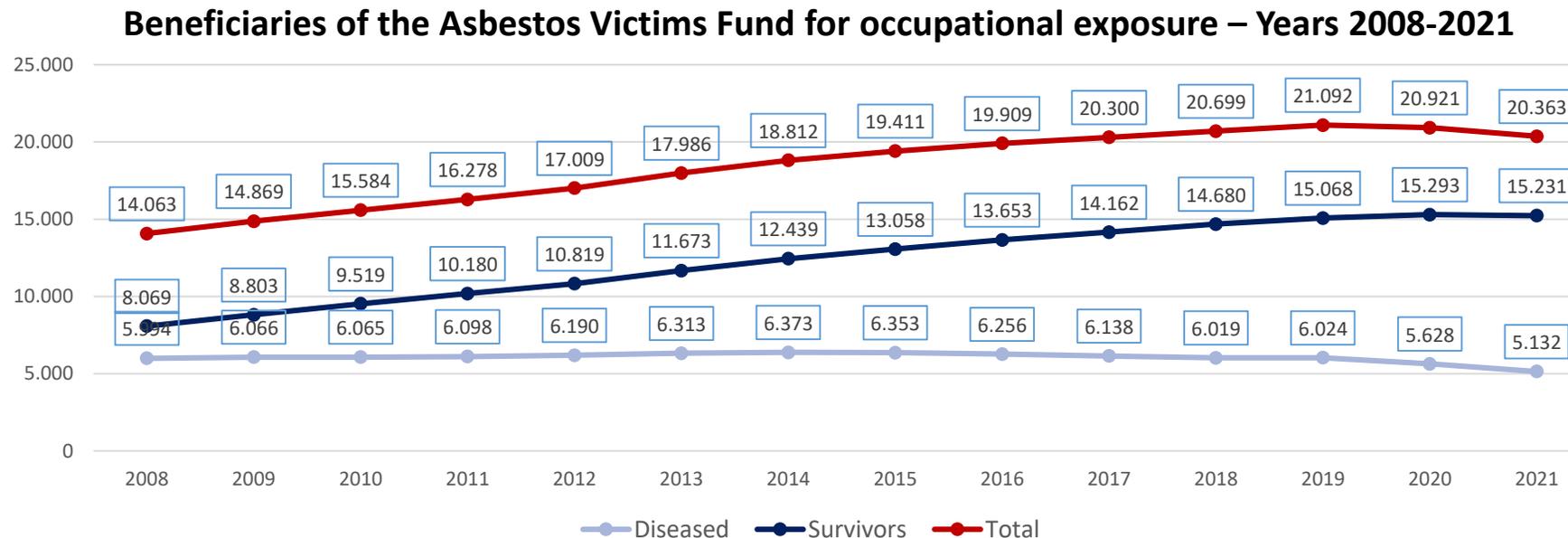


Benefits provided by Inail

Asbestos Victims Fund - occupational exposures

The Fund provides economic benefits to workers who contracted asbestos-related diseases resulting from occupational exposures and already receive Inail annuity. If a worker dies due to occupational disease, the survivors receive both Inail annuity and Fund's benefits.

Since 2021, the additional benefit is **15% of Inail annuity** drawn to the diseased or survivors.

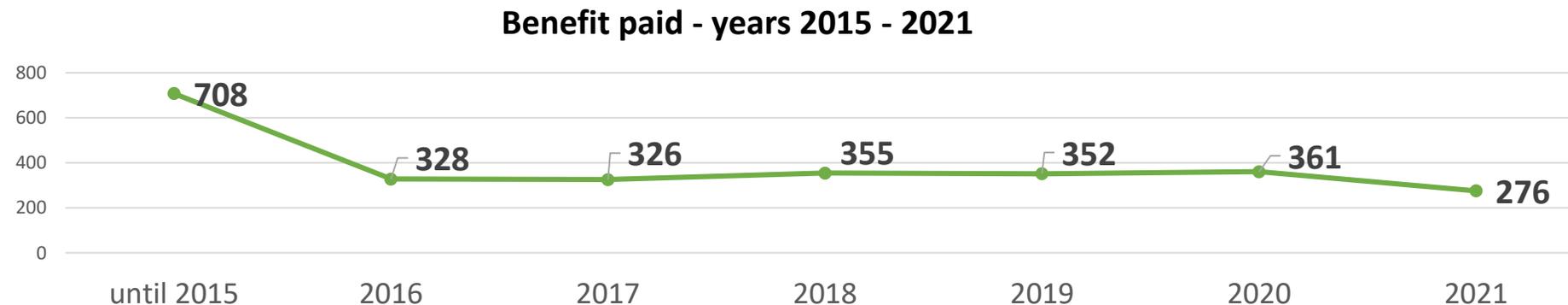


Benefits provided by Inail

Asbestos Victims Fund - non occupational exposures

Since 2015 the Asbestos Victims Fund provides economic benefits to mesothelioma sufferers who have contracted the disease due to non-occupational exposure to asbestos (i.e. the closeness to workers employed in the processing of asbestos and the environmental exposure).

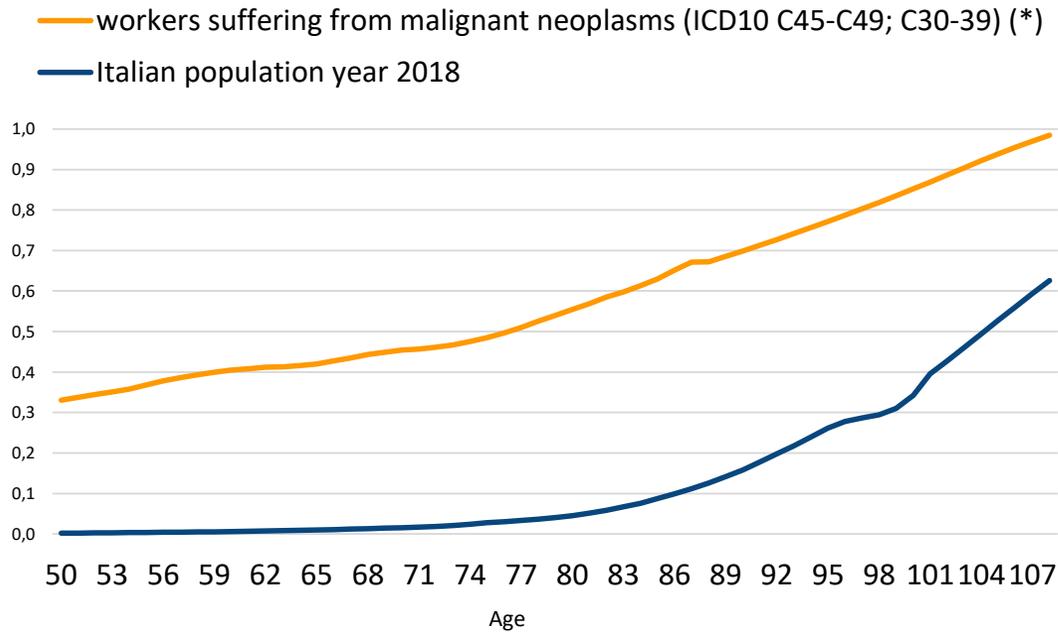
The benefit is a lump sum of € 10,000



Benefits provided by Inail

Survival of workers suffering from asbestos-related diseases

Mortality rates

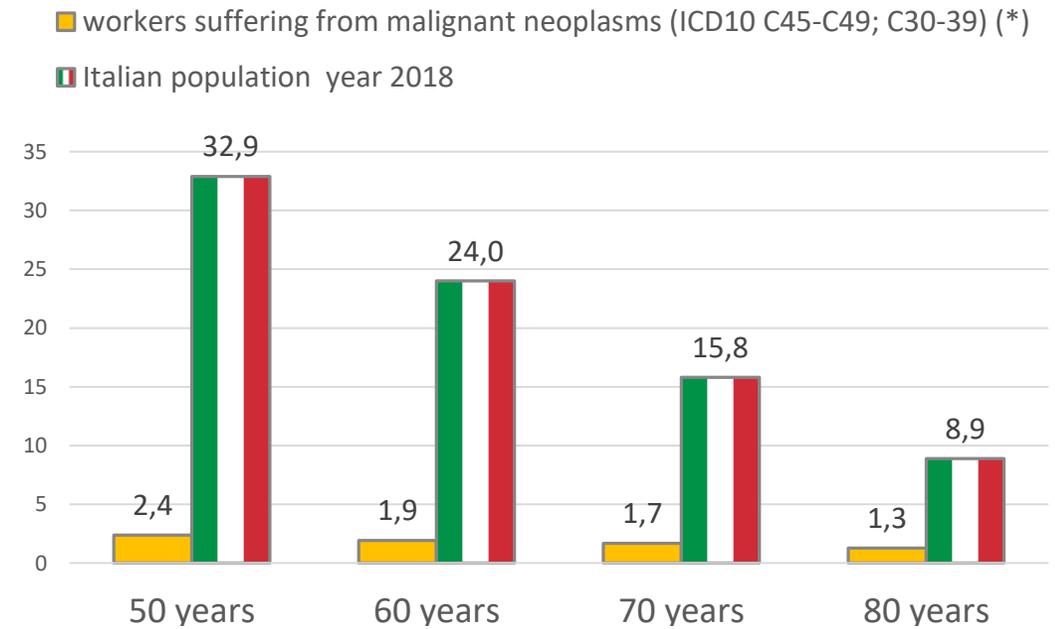


(*) statistical period of observation 2000-2018

<http://www.ordineattuari.it/pubblicazioni/2021/6/ead2021-martini/>



Life expectancy



A special insurance protection for special workers: housewives/househusbands

Domestic accidents are a topic of great interest for public health. The low security level of domestic environments and the low perception of risk represent an important risk factor.



The aim is to provide a **high risk insurance coverage** to the housewives and househusbands who daily free of charge take care of their own family unit and the home environment where they live. The housewives and househusbands are equated to other workers and the insurance protects their job.

The insurance was born on 1 March 2001 and it is the first in Europe. From 1/1/ 2019 the insurance has been deeply transformed increasing the insurance coverage.

A special insurance protection for special workers: housewives/househusbands

Object of the insurance

- The accidents occurring at home during daily activities that cause an impairment degree from 6% to 100% or the death.
- It's included the accidents occurred to take care of pets.
- The occupational diseases are not covered.



A special insurance protection for special workers: housewives/househusbands

Who is obliged to insure?

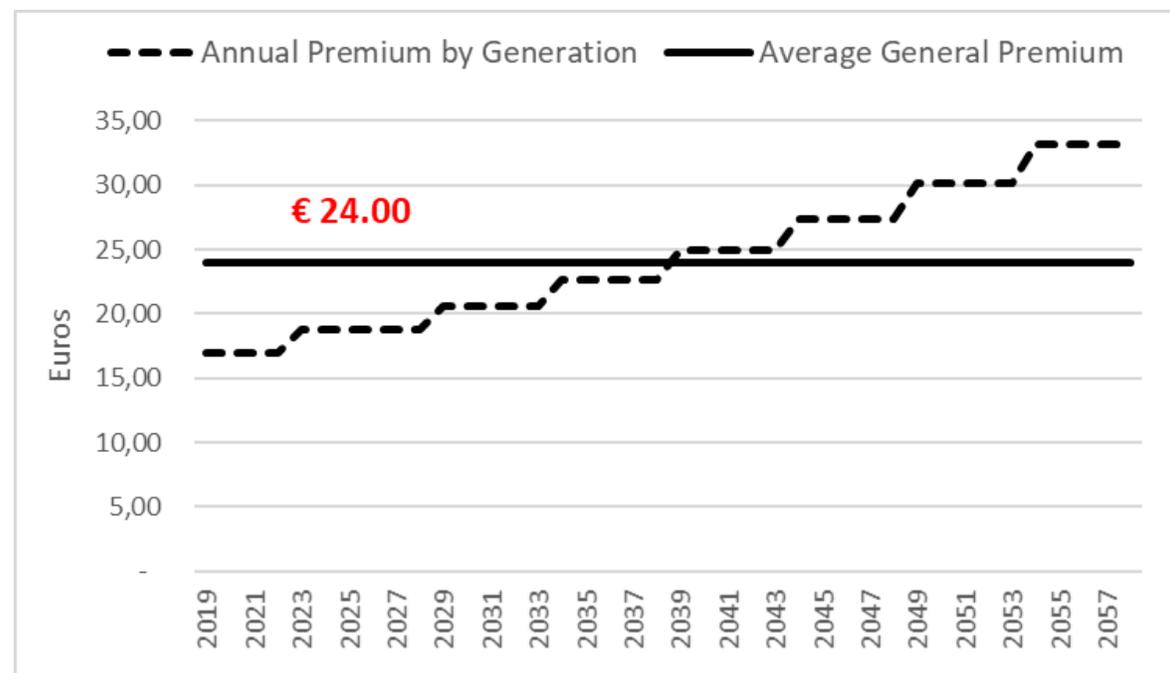
- people ages between 18 and 67;
- who daily free of charge takes care of their own household and the home environment where they live. The family unit could be made up from only one person;
- who does not carry out other activities involving registration with mandatory forms of social security.



A special insurance protection for special workers: housewives/househusbands

Annual Premium € 24.00

- The insurance premium is the **same for everyone**, regardless of gender, age or other variables, in compliance with the principles of mutuality and solidarity typical of social insurance.
- The annual premium is **flat**: the technical balance of the insurance is guaranteed over the long term.



A special insurance protection for special workers: housewives/househusbands

The benefits

Lump-sum compensation for impairment degree between 6% and 15%

- revaluable lump sum year 2022 euros 337,47

Annuity for impairment degree from 16% upwards

- revaluable lifelong annuity
 year 2022 16% = € 1,430.81100% = € 17,448.90

Allowance for continuous personal assistance for disability of 100%

- monthly check € 585,51 year 2022

Survivors' annuity

- widower or widow €8.724,45 annuity year 2022
- son (until 26 years old) €3,489.78 annuity year 2022
- Funeral allowance € 10.542,45 year 2022
- Una tantum benefit for survivors

Actuarial aspects of benefits' management

Inail Financial Statement

| | Industry MIXED SYSTEM | Agriculture PAY AS YOU GO SYSTEM | Medical radiologists FULL FUNDED SYSTEM | Insurance against domestic accidents AVERAGE GENERAL PREMIUM | Shipping MIXED SYSTEM |
|-------------------------|-----------------------------|--|---|---|-----------------------------|
| Benefits paid 2021 | Industry | Agriculture | Medical radiologists | Insurance against domestic accidents | Shipping |
| 6,0 billion of euros | 87,7% | 11,2% | 0,2% | 0,1% | 0,8% |

Actuarial aspects of benefits' management

Industry: MIXED system

Short term benefits



Funded with the
pay as you go system

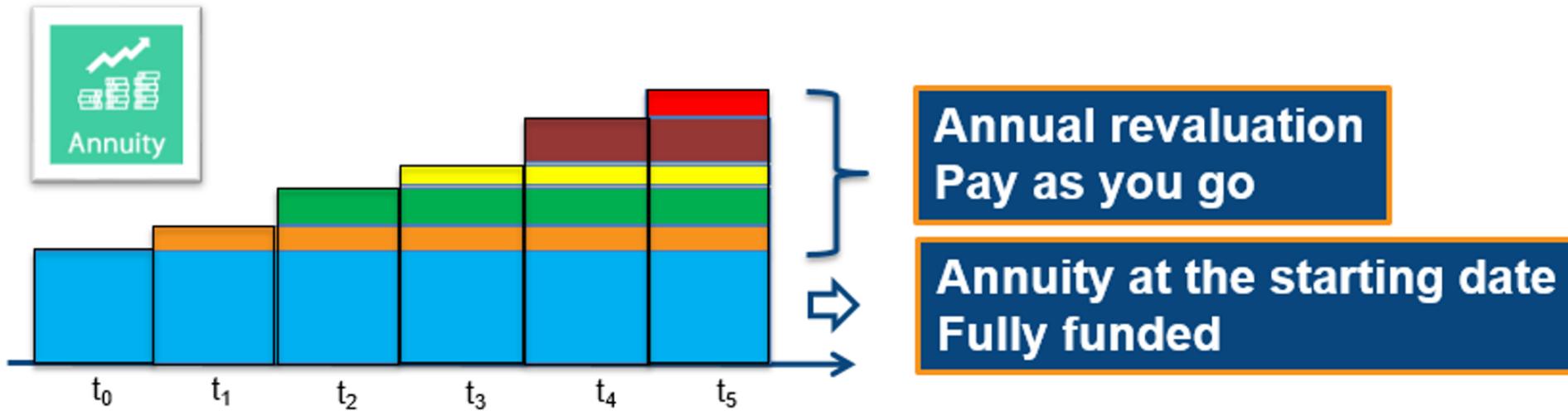
Long term benefits



Partially fully funded and partially
funded with the pay as you go system

Actuarial aspects of benefits' management

Industry

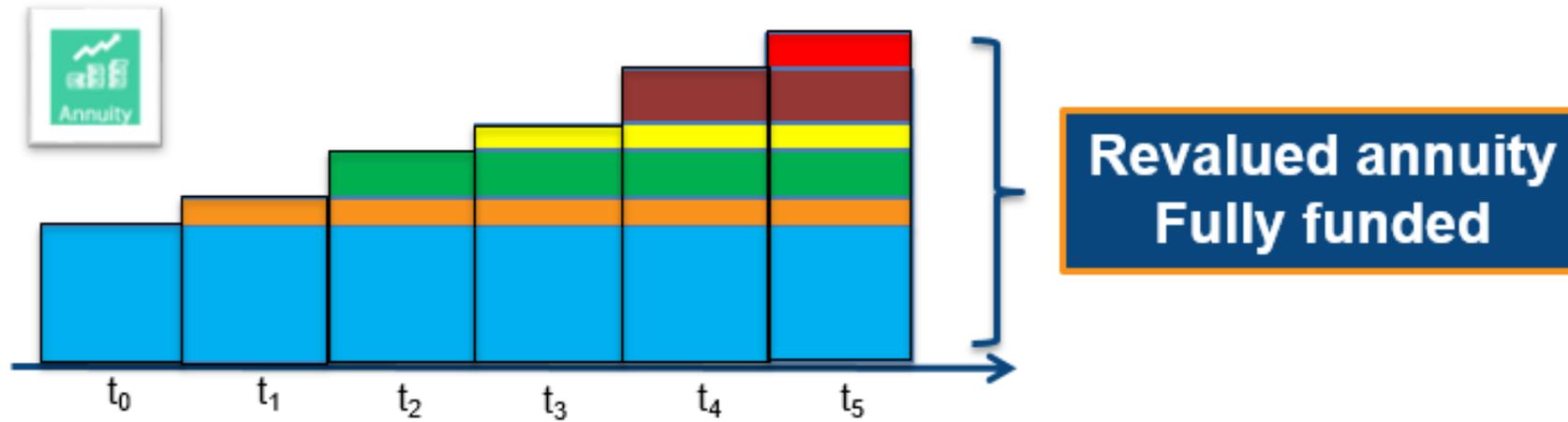


amounts in millions of euros

| 12/31/2021 | Mixed system | Full funded system |
|------------------------------|--------------|--------------------|
| <u>Actuarial liability</u> | 33.535,2 | 54.327,6 |
| <u>Fully funded portion</u> | 61,7% | 100% |
| <u>Pay as you go portion</u> | 38,3% | 0% |

Actuarial aspects of benefits' management

Medical radiologists: full funded system



amounts in millions of euros

| 12/31/2021 | Full funded system |
|------------------------------|--------------------|
| <u>Actuarial liability</u> | 88,4 |
| <u>Fully funded portion</u> | 100% |
| <u>Pay as you go portion</u> | 0% |

Thank you very much for your attention!

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