The document provides (a) interesting new developments and (b) a high level overview, on mortality related topics for the country.

All data and sources need to be referenced. We suggest a footnote and simple reference style. Footnotes make it easier to immediately find the source (rather than scrolling to the end of the document). The reference needs to be good enough to find the item of interest. A simple link, if specific, may be sufficient.

The Working Group can decide how “compulsory” all sections are but we suggest that each country report include at least new research and research in progress to at least keep members up to date.

Details should be kept short and concise. References should point to sources where more details can be obtained.

The suggested length of each section is 1 or 2 paragraphs.

Members can add charts or tables to summarise key facts.

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NEW RESEARCH

This section is for research published in the last 12 months.

Research includes that produced by researchers from that country and/or research produced by others covering that country’s mortality.

There should be one heading per item and this should indicate what is being updated. Reference should be made to background so it is clear what the research is focusing on.

NEW MORTALITY TABLE TSO 2011

There is no new major research published since the last country report. I will include some details of the last major research published.

A new mortality table TSO (Taiwan Standard Ordinary) 2011 was announced in 2011 and the industry will be required reserve based on 100% of this table for new business written starting July 1, 2012. Although not technically required to do so, it is standard industry practice to price premium rates based on the prevailing industry table.

<table>
<thead>
<tr>
<th>Period Covered</th>
<th>2004 to 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Deaths</td>
<td>145,000 male claims and 74,000 female claims</td>
</tr>
<tr>
<td>Tables Produced</td>
<td>Industry table to be used from 2011</td>
</tr>
<tr>
<td>Factors</td>
<td>Gender</td>
</tr>
<tr>
<td>Duration</td>
<td>Only ultimate rates</td>
</tr>
</tbody>
</table>

More details can be found in the last country report.

RESEARCH IN PROGRESS

This should cover research in progress. Where appropriate it should include a contact details.

EXAMPLE 1

There are no major research projects in progress.
This section is aimed to provide background about the country. Seeing as many of the country reports included quite a bit of historic background it was clear that a need was felt to provide such feedback. This section is not expected to change rapidly and therefore may be optional and/or unchanged.

**COUNTRY BACKGROUND**

**POPULATION DEMOGRAPHICS**

The Table below should summarise basic information on the country. One can also highlight major issues affecting the population mortality. For example for South Africa, this would be HIV/AIDS.

<table>
<thead>
<tr>
<th>Basic Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current population</strong></td>
<td>23.3M (EOY 2012)<strong>1</strong></td>
</tr>
<tr>
<td><strong>Current period life expectancy</strong></td>
<td></td>
</tr>
<tr>
<td>- At birth</td>
<td>79 overall/76 male/83 female (2011 abridged table)<strong>2</strong></td>
</tr>
<tr>
<td>- At 65</td>
<td>19 overall/17.5 male/21 female (2011 abridged table)<strong>3</strong></td>
</tr>
</tbody>
</table>

### Source:
**4**

**POPULATION MORTALITY TABLES**

1. [http://sowf.moi.gov.tw/stat/year/elrist.htm#2_Population](http://sowf.moi.gov.tw/stat/year/elrist.htm#2_Population); click on 2.01 Population by Age
4. [http://sowf.moi.gov.tw/stat/year/elrist.htm#2_Population](http://sowf.moi.gov.tw/stat/year/elrist.htm#2_Population); click on 2.01 Population by Age; chart produced by Peter Ying based on the info
This section should cover the main source(s) for population mortality data and tables for the country.

Population mortality data (death counts, causes, etc.) can be found at Taiwan Ministry of Health and Welfare (MOHW) website: http://www.mohw.gov.tw/cht/DOS/Statistic.aspx?f_list_no=312&fod_list_no=1717

Population mortality tables can be found at Taiwan Ministry of the Interior (MOI) website: http://sowf.moi.gov.tw/stat/english/elife/elist.htm

POPULATION MORTALITY IMPROVEMENTS

Historical life expectancy information can be found at MOI website: http://sowf.moi.gov.tw/stat/year/elist.htm#2 Population; click on 2.11 Life Expectancy since 1957's

PROTECTION INSURANCE

This section provides background on the life insurance protection environment. This is for life insurance and not longevity protection.

MARKET BACKGROUND

This section should provide high level details on the following:
- Products sold
- Levels of underwriting (link to Underwriting Around the World document?)
- Group and individual business
- For group cover whether cover is compulsory
- State provided cover

Popular products are endowment, WL, and UL/VL. Term products are available but do not sell well. Most products do not have smoker distinct rates (first launched in 2007 but have not really taken off). Like many Asian countries, consumers are much more interested in savings/investments than protection.

Industry standard is to have Total and Permanent Disability (TPD) accelerate the death benefit.

As the Amounts at Risk (AAR) for savings/investment policies are not large, most policies are not medically written (~93% of 2010 policy exposures are non-med5). Most companies’ per life non-med limits (e.g. NT$8M for up to age 35 decreasing to around NT$2M-3M for ages in the 50s) are much higher than average amounts purchased (shown below).

Individual Insurance
According to 2011 Life Insurance Annual Report:
- There were 42.7M policies in force with average sum assured of about NT$800,000. The number of policies is very large but the amount of protection is very small. (p25)
- Around 4M of the policies are VL. (p25)

Group Insurance
According to 2011 Life Insurance Annual Report (p27), while there were 18.6M people insured for group ADD, there were only 6.4M people insured for group life for an average face amount of about NT$650,000.

Social Insurance7

5 Taiwan Standard Ordinary Experience Mortality and Lapse Rate Report (2010 Observation Year) p1-97
6 currently US$1~NT$30
7 www.bli.gov.tw
Under Labor Insurance, death benefits are 5 months of nominal salary\(^8\) for deaths of insured workers (note: occupational death benefits will be much higher) and up to 3 months of salary for deaths of direct relatives. The cap for monthly nominal salary is NT$43,900 (amount may change over time).

**MORTALITY TABLES**

*This section should cover the main source(s) for standard data and tables for the country. This could include:*
- Details of the body producing tables/estimates
- Where to find the tables
- Experience reports where to find these

The Taiwan Institute of Insurance (TII; see Relevant Organisations section) coordinates efforts to construct industry tables.

Prevailing tables are:
- Taiwan Life Insurance Industry 5th Mortality Table, aka 2011 TSO; can be found at: [http://www.ib.gov.tw/ch/home.jsp?id=35&parentpath=0,2&mcustomize=multimessage_view.jsp&dataserno=201202070002&aplistdn=ou=bulletin,ou=multisite,ou=chinese,ou=ap_root,o=fscc,c,tw&toolsflag=Y&dtable=Law](http://www.ib.gov.tw/ch/home.jsp?id=35&parentpath=0,2&mcustomize=multimessage_view.jsp&dataserno=201202070002&aplistdn=ou=bulletin,ou=multisite,ou=chinese,ou=ap_root,o=fscc,c,tw&toolsflag=Y&dtable=Law)
- Taiwan Life Insurance Industry 2nd Preferred Mortality Table, aka 2012 PSO (this is simply a smoker distinct mortality table); can be found at: [http://www.ib.gov.tw/ch/home.jsp?id=35&parentpath=0,2&mcustomize=multimessage_view.jsp&dataserno=201206110001&aplistdn=ou=bulletin,ou=multisite,ou=chinese,ou=ap_root,o=fscc,c,tw&toolsflag=Y&dtable=Law](http://www.ib.gov.tw/ch/home.jsp?id=35&parentpath=0,2&mcustomize=multimessage_view.jsp&dataserno=201206110001&aplistdn=ou=bulletin,ou=multisite,ou=chinese,ou=ap_root,o=fscc,c,tw&toolsflag=Y&dtable=Law)

Older versions include 1989 TSO, 2002 TSO, and 2007 PSO.

The TII also perform annual studies with 2 year lags (e.g. experience incurred in 2011 will be analyzed and published in 2013) for individual and groups by the Taiwan Institute of Insurance (TII). Results are available for purchase.

**MORTALITY IMPROVEMENTS**

*If available, what information there is on mortality improvements, and who produces this information.*

No direct information on mortality improvements is published. Mortality improvements can be indirectly derived/observed from the annual studies performed by TII.

**RETAIL LONGEVITY PROTECTION**

*This section should cover the annuity / pension market.*

**MARKET BACKGROUND**

*This should explain the basics of the market, including:*
- Traditional Pensioners
- Retail annuity market
- State provision
- Level of compulsion in purchase of annuities. (e.g. voluntary, tax incentive, compulsory etc.)

Very few workers nowadays will have traditional pensions from their employers nowadays.

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\(^8\) The amount of Labor Insurance purchased is denominated in terms of nominal salary. This is usually the actual salary up to the capped amount for working people, but people who do not work can purchase Labor Insurance through other means.
Social Insurance
The formula for social pension is dependent on:
- Total years of service/total years of purchasing Labor Insurance; subject to a minimum
- Average nominal salary (over a certain period)
- Retirement age; subject to a minimum

The formula for government employees is much more generous than that of private employees.

Retail Market
There is not much incentive to purchase annuities. As with life insurance, many purchase annuities for the savings/investment features. The impression of most people in the industry is that few customers eventually choose to annuitize after the accumulation period. According to 2011 Life Insurance Annual Report (p27), there were around 1M policies in force with almost all being deferred annuities.

MORTALITY TABLES

This section should cover the main source(s) for mortality data and tables used for longevity products. This could include:
- Details of the body producing tables/estimates.
- Sources of the tables.
- To which market area the table applies (e.g. retail annuities, or traditional pensioners).

The TII (see Relevant Organisations section) coordinates efforts to construct industry tables.

The prevailing industry table is Taiwan Life Insurance Industry 2nd Annuity Table, aka 2011 TIA. It can be found at:
http://www.ib.gov.tw/ch/home.jsp?id=35&parentpath=0,2&mcustomize=multimessage_view.jsp&dataerno=201203140002&aplistdn=ou=bulletin,ou=multisite,ou=chinese,ou=ap_root,o=fsc,c=tw&toolsflag=Y&dtable=Law

Older versions include 1997 TIA.

MORTALITY IMPROVEMENTS

No direct information on mortality improvements is published. As annuitization in retail annuities is not commonly exercised, credible studies will not be available.

RELEVANT ORGANISATIONS

This section can cover details on relevant organisations and bodies that do work in mortality for that country. This may be easier than providing background earlier on.

DETAILS ON GOVERNMENT STATISTICS DEPARTMENT

As mentioned in an earlier section, population mortality statistics can be found on the websites of the Ministry of the Interior (MOI) and the Ministry of Health and Welfare (MOHW).

The MOI is responsible for subjects relating to people’s rights and social welfare, including population, territory, construction, local governance, alternative service, security, immigration, etc.\textsuperscript{10}

The MOHW is responsible for promoting the health and well-being of all citizens.\textsuperscript{11} The MOHW was previously the Department of Health under the MOI until July 2013.

\textsuperscript{9} www.bli.gov.tw
\textsuperscript{10} http://www.moi.gov.tw/english/english_minister/mission.aspx
\textsuperscript{11} http://www.mohw.gov.tw/EN/Ministry/DM2_P.aspx?f_list_no=476&fod_list_no=0&doc_no=263
The local actuarial society does not directly and regularly do extensive academic research work.

The Taiwan Institute of Insurance (TII) is an entity under the Taiwan Insurance Bureau responsible for research and development. The TII does the following with respect to mortality:

- Performs annual experience studies for individual and group insurance
- Leads efforts to construct new industry tables. This from experience is done once every 10 years or so. TII may perform most of the physical work but they will likely seek assistance from relevant experts for review.
- Leads efforts for specific projects such as preferred products and microinsurance