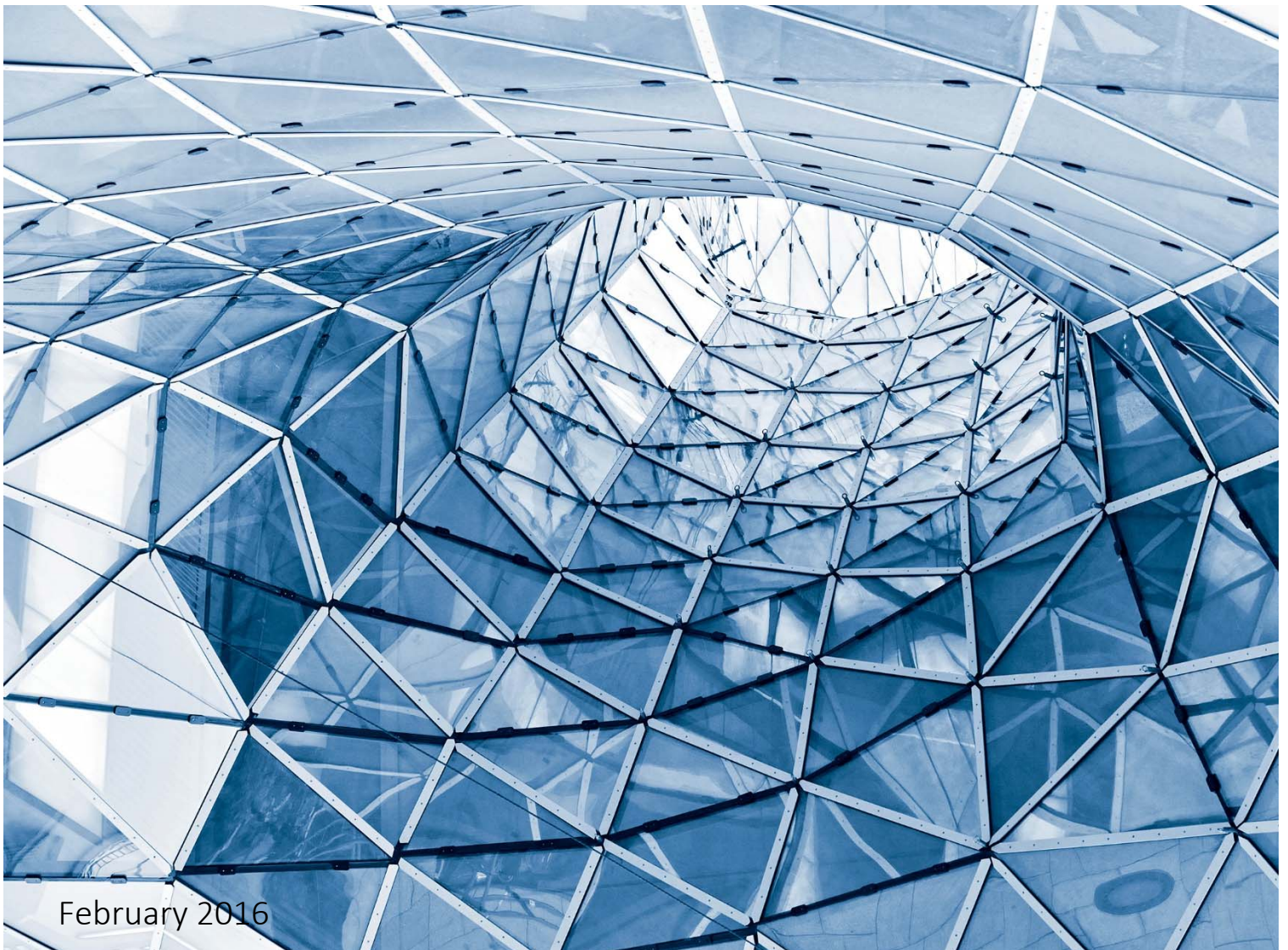


# Survey for Society of Actuaries Experience Studies Summary Results



February 2016



# Survey for Society of Actuaries Experience Studies

## Summary Results

**AUTHOR** Experience Studies Executive Committee  
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# Experience Study Survey

## Summary Results

### Section 1: Acknowledgements

The SOA Experience Studies Executive Committee would like to thank all of the respondents who participated in this survey. This information will be very helpful in the SOA's current and future plans for experience studies.

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### Section 2: Background and Scope

The SOA's Experience Studies Executive Committee ("ESEC") oversees the experience studies process at the SOA. One of the ESEC's functions is to assist in the planning and prioritization of experience studies. To help with the planning process, the ESEC developed a survey that was sent to all SOA members. The survey contained a number of questions that asked for the respondent's level of interest in a set of potential new areas of study. The survey also asked respondents to provide other suggested areas of study, which could be used to identify additional areas of demand and interest. Finally, in an effort to find potential new volunteers for experience studies, the survey asked respondents to indicate their interest in serving as a volunteer in the development of experience studies. The survey questions can be found in Appendix A.

The survey was distributed in September 2015 and 1,069 members responded. Results from the questions on the interest in experience studies are summarized in this report. These results have helped the SOA to formulate its plan for new experience studies to initiate in 2016. Results from the questions on volunteering are not included in this report, but will be used to create a database for potential new experience study volunteers as future needs arise.

## Section 3: Survey Questions

The survey was broken down by area of insurance. Respondents answered questions only for the areas that were relevant to them. The areas were as follows:

- Individual Life
- Individual Annuity
- Group Life
- Group Annuity
- Pension
- Long-Term Care (“LTC”)
- Group Long-Term Disability (“Group LTD”)
- Individual Disability
- Supplemental Health (Critical Illness, Accident, Hospital & Indemnity)
- Credit Insurance
- Finance / Investments
- General Insurance
- International
- Other Insurance Areas

For many of these areas of insurance, a list of specific study topics was provided. Respondents were asked to rate their level of interest for each of these pre-defined areas. An entry of ‘1’ indicated high interest, a ‘2’ indicated medium interest, a ‘3’ indicated low interest and a ‘4’ was entered if ‘not applicable’. The summary of responses to the specified areas of study are listed in the applicable insurance section under [Pre-defined Areas of Study](#).

Additionally, there was a free form response question under each area of insurance selected that allowed respondents to provide other ideas for future experience studies. Those responses are summarized in [Other Ideas](#) in the relevant insurance section below.

Finally, there were questions on volunteering and data requests. Respondents were asked to describe their interest in volunteering and whether they were in a position to discuss their company’s participation in data requests for experience studies. These results are not included in this report, but will be used by the SOA in seeking potential new volunteers when the needs arise.

## 3.1 Individual Life

### 3.1.1 Pre-defined Areas of Study

Respondents were asked the following question: “Of the following potential areas of study, rate your level of interest in each (High = 1, Medium = 2, Low = 3, Not Applicable = 4).” The following table summarizes the number of respondents who rated each type of study (with values 1 through 3 only, 4’s are ignored) and the average of their responses. The lower the average, the higher the interest.

Type of Study	Respondents	Average
Mortality Under Evolving Streamlined Underwriting	401	1.54
Premium Patterns for Universal Life (UL, SGUL, VUL)	388	1.73
Term Conversions	397	1.91
Life Insurance Guaranteed Living Benefit Utilization	387	1.95
LTC/Life Combo Experience	365	1.95
Life Expenses	393	1.96
Waiver of Premium Utilization	398	2.34
Policy Loan Utilization	394	2.38

The study with the most interest was “Mortality Under Evolving Streamlined Underwriting.” Closely following were “Premium Patterns for UL, SGUL, VUL” and “Term Conversions.”

### 3.1.2 Other Ideas

The top three ideas for Individual Life Experience Studies outside of the pre-defined choices were:

1. Post Level Term
2. Lapse, Surrender and Persistency
3. Cause of Death

## 3.2 Individual Annuity

### 3.2.1 Pre-defined Areas of Study

Respondents were asked the following question: “Of the following potential areas of study, rate your level of interest in each (High = 1, Medium = 2, Low = 3, Not Applicable = 4).” The following table summarizes the number of respondents who rated each type of study (with values 1 through 3 only, 4’s are ignored) and the average of their responses. The lower the average, the higher the interest.

Type of Study	Respondents	Average
Deferred Annuity Persistency	307	1.63
Deferred Annuity Guaranteed Living Benefit Utilization	307	1.79
Deferred Annuity Mortality	307	1.80
Annuity Expenses	306	2.13
LTC/Annuity Combo Experience	303	2.34



The study with the most interest was “Deferred Annuity Persistency.” Closely following were “Deferred Annuity Guaranteed Living Benefit Utilization” and “Deferred Annuity Mortality.”

### 3.2.2 Other Ideas

The top four ideas for Individual Annuity Experience Studies outside of the pre-defined choices were:

1. Immediate Annuity Mortality
2. Dynamic Lapse and Surrender
3. Partial (Free or Total) Withdrawal Utilization
4. Deferred Income Annuities (“DIA”) Mortality

## 3.3 Group Life

### 3.3.1 Ideas

Respondents were asked to provide one or two areas of interest for Group Life Studies. One hundred eighty-three respondents went to this section. Of those who answered this question, these were the responses mentioned most often:

1. Mortality
2. Lapse, Surrender and Persistency
3. Waiver
4. Various ways to split results
5. Expenses

Mortality studies were by far the top choice, with four times as many respondents suggesting this topic compared to the next most suggested. The other four items received input from roughly the same number of respondents.

The ideas also provided suggestions for splitting results. These suggestions are captured in the following outline:

1. Mortality by:
  - a. Typical demographic variables and plan designs
  - b. Traditional vs. voluntary
  - c. Voluntary by participation, size, SIC, etc.
  - d. Age and projected improvements over time
2. Lapse, Surrender and Persistency by:
  - a. Premium mode
  - b. Underwriting / issuing process
3. In general by:
  - a. Industry and geography
  - b. Group size and occupation class
  - c. Participation

### 3.4 Group Annuity

#### 3.4.1 Ideas

Respondents were asked to provide one or two areas of interest for Group Annuity Studies. One hundred eighty-six respondents went to this section. Of those who answered this question, these were the topics mentioned most often:

1. Mortality
2. Lapse, Surrender and Persistency
3. Longevity
4. Mortality improvement
5. Expenses

Mortality studies were by far the top choice again, with three times as many respondents suggesting this topic compared to the next most suggested. The next two items received input from roughly the same number of respondents, which was twice as much as the following two.

### 3.5 Pension

#### 3.5.1 Pre-defined Areas of Study

Respondents were asked the following question: “Of the following potential areas of study, rate your level of interest in each (High = 1, Medium = 2, Low = 3, Not Applicable = 4).” The following table summarizes the number of respondents who rated each type of study (with values 1 through 3 only, 4’s are ignored) and the average of their responses. The lower the average, the higher the interest.

Type of Study	Respondents	Average
Private Pension Plans – Study of Emerging Mortality Experience Compared to RP-2014	284	1.45
Pension Mortality by Socio-Economic Status	283	1.76
Pension Mortality by Geographical Area	279	1.96
Retiree Medical – Election Of Medical Coverage	253	2.08
Multi-Employer Plan Mortality	244	2.25

The top pre-defined studies were “Emerging Mortality Experience Compared to RP-2014” for Private Pensions and “Pension Mortality by Socio-Economic Status.”

#### 3.5.2 Other Ideas

The top three ideas for Pension Experience Studies outside of the pre-defined choices were:

1. Mortality
2. Disability
3. Retirement



### 3.6 Long-Term Care

For Long-Term Care, respondents were asked two additional questions about the next study:

1. For the next study of LTC experience, which format would you prefer? (results in section 3.6.1)
2. What suggestions for improvement do you have for the next LTC experience study? (results in section 3.6.2)

#### 3.6.1 Format of Next LTC Experience Study

Respondents were asked their preference for the format of the next LTC Experience study.

Format of Study	Respondents
A) 1984-2004 LTC Intercompany Study	23
B) The recently released research <sup>1</sup>	92

A majority of respondents (at a 4 to 1 ratio) would like to see the next LTC study format be similar to the last study, which used predictive analytics.

#### 3.6.2 Suggestions for Improvement for Next Study

Respondents were asked what suggestions for improvement they had for the next LTC study. The top suggestions were:

1. Have it be a mix of the last two studies. (See previous table)
2. More timely
3. A mix of a report and database

#### 3.6.3 Pre-defined Studies

Respondents were asked the following question: “Of the following potential areas of study, rate your level of interest in each (High = 1, Medium = 2, Low = 3, Not Applicable = 4).” The following table summarizes the number of respondents who rated each type of study (with values 1 through 3 only, 4’s are ignored) and the average of their responses. The lower the average, the higher the interest.

Type of Study	Respondents	Average
LTC/Life Combo Experience	147	1.75
LTC/Annuity Combo Experience	142	2.04

Of the two choices, there was a stronger preference for a LTC/Life Combo Experience study.

---

<sup>1</sup> 2000-11 LTC Experience Basic Tables; LTC Aggregated Claims Databases; and LTC Policy Terminations Databases.

### 3.6.4 Other Ideas

Other ideas for Long-Term Care Experience Studies outside of the pre-defined choices were:

1. Probability of switching among the three sites of care (Facility, Home Care and Assisted Living)
2. Group and Individual stand-alone studies
3. Medicaid / Medicare payments for long term care
4. Underwriting selection factors

## 3.7 Group Long-Term Disability

### 3.7.1 Pre-defined Areas of Study

Respondents were asked the following question: “Of the following potential areas of study, rate your level of interest in each (High = 1, Medium = 2, Low = 3, Not Applicable = 4).” The following table summarizes the number of respondents who rated each type of study (with values 1 through 3 only, 4’s are ignored) and the average of their responses. The lower the average, the higher the interest.

Type of Study	Respondents	Average
Group LTD Claim Incidence	125	1.55
Social Security Approval Rates	117	1.69

Respondents showed an interest in both pre-defined studies, with a slight preference for Group LTD Claim Incidence.

### 3.7.2 Other Ideas

The top two ideas for Group Long-Term Disability Experience Studies outside of the pre-defined choices were:

1. Termination rates
2. Disabled life mortality

## 3.8 Individual Disability

### 3.8.1 Pre-defined Studies

Respondents were asked the following question: “Of the following potential areas of study, rate your level of interest in each (High = 1, Medium = 2, Low = 3, Not Applicable = 4).” The following table summarizes the number of respondents who rated each type of study (with values 1 through 3 only, 4’s are ignored) and the average of their responses. The lower the average, the higher the interest.

Type of Study	Respondents	Average
Individual Disability Insurance Claim Incidence	121	1.58
Individual Disability Insurance Claim Termination	119	1.63

Both claim incidence and claim termination received relatively high interest from respondents.

### 3.8.2 Other Ideas

The top three ideas for Individual Disability Experience Studies outside of the pre-defined choices were:

1. Lapse, Surrender and Persistency
2. Various ways to split results
3. Studies on the working population

## 3.9 Supplemental Health (Critical Illness, Accident, Hospital & Indemnity)

### 3.9.1 Pre-defined Areas of Study

Respondents were asked the following question: “Of the following potential areas of study, rate your level of interest in each (High = 1, Medium = 2, Low = 3, Not Applicable = 4).” The following table summarizes the number of respondents who rated each type of study (with values 1 through 3 only, 4’s are ignored) and the average of their responses. The lower the average, the higher the interest.

Type of Study	Respondents	Average
Critical Illness – Incidence	201	1.78
Hospital And Indemnity – Incidence	197	1.84
Critical Illness – Persistency	200	1.90
Hospital And Indemnity – Persistency	196	1.92
Accident – Incidence	195	1.96
Accident – Persistency	194	2.08

The “Critical Illness - Incidence” study received the highest amount of interest. “Hospital and Indemnity – Incidence” followed with the second highest level of interest.

### 3.9.2 Other Ideas

The top two ideas for Supplemental Health Experience Studies outside of the pre-defined choices were:

1. Prescription Drug
2. Incidence

## 3.10 Credit Insurance

### 3.10.1 Ideas

Respondents were asked to provide one or two areas of interest for Credit Studies. Forty-five respondents went to this section. Of those who answered this question, these were the ones mentioned most often:

1. Mortality
2. Lapse, Surrender and Persistency
3. Credit Life
4. Morbidity
5. Expenses

### 3.11 Finance / Investments

#### 3.11.1 Pre-defined Areas of Study

Respondents were asked the following question: “Of the following potential areas of study, rate your level of interest in each (High = 1, Medium = 2, Low = 3, Not Applicable = 4).” The following table summarizes the number of respondents who rated each type of study (with values 1 through 3 only, 4’s are ignored) and the average of their responses. The lower the average, the higher the interest.

Type of Study	Respondents	Average
Private Placement Credit Risk Loss Experience	205	2.08

Respondents were asked only about a future “Private Placement Credit Risk Loss Experience” study. Interest was about medium with an average of 2.08.

#### 3.11.2 Other Ideas

The top two ideas for Finance or Investments Experience Studies outside of the pre-defined choices were:

1. Hedging
2. Mortgage Backed Securities

### 3.12 General Insurance

#### 3.12.1 Pre-defined Areas of Study

Respondents were asked the following question: “Of the following potential areas of study, rate your level of interest in each (High = 1, Medium = 2, Low = 3, Not Applicable = 4).” The following table summarizes the number of respondents who rated each type of study (with values 1 through 3 only, 4’s are ignored) and the average of their responses. The lower the average, the higher the interest.

Type of Study	Respondents	Average
Property – Natural Catastrophes:		
Study of Claim Settlement Patterns after a Major Catastrophe	55	2.05
Workers Compensation:		
Termination Study of Compulsory No-Fault Indemnity and Medical Benefits	50	2.46

There was a slight preference for a “Study of Claim Settlement Patterns after a Major Catastrophe.”

#### 3.12.2 Other Ideas

The top three ideas for General Insurance Experience Studies outside of the pre-defined choices were:

1. Liability Studies
2. Impact of ACA on Workers' Compensation and Medical Professional Liability
3. Workers' Compensation Mortality

### 3.13 International

#### 3.13.1 Ideas

Respondents were asked to provide one or two areas of interest for International Studies. Eighty-one respondents went to this section. Of those who answered this question, these were the ones mentioned most often:

1. Mortality
2. Lapse, Surrender and Persistency
3. Studies by country or region
4. Group or Credit Life

### 3.14 Other Insurance Areas

#### 3.14.1 Ideas

Respondents were asked to provide one or two areas of interest for Other Studies. Eighty-one respondents went to this section. Of those who answered this question, these were the ones mentioned most often:

1. Affordable Care Act
2. Health Utilization Studies
3. Medicare / Medicaid
4. Morbidity

The “Affordable Care Act” had the most suggestions with 1.5 times as many as the next two most popular, “Health Utilization Studies” and a “Medicare / Medicaid” study. “Morbidity” studies were suggested about half as much as the preceding two.

## Section 4: SOA Action Plans

The results of the survey have helped the SOA to finalize its plan for new studies and initiatives to begin in 2016. These include:

- Mortality Under Evolving Streamlined Underwriting. This project will begin with an inquiry into the type of data that is retained by insurers and the additional information that would need to be retained to support an experience study.
- Critical Illness Incidence Study. The SOA will begin this project with a feasibility analysis, which will determine whether potential contributors are willing and able to supply the data required for a study.
- General Insurance. The SOA will use this information as it determines a plan to provide research for our general insurance members.
- Fixed Annuity Experience Study. The SOA is committed to initiating a study of fixed annuities. The survey results will be combined with input from the Individual Annuity Experience Committee and regulators to determine next steps.
- Private Pension Plan Mortality Study. This study will look at recent experience relative to the RP2014 mortality tables and most recent mortality improvement scales. Data collection will begin in 2016.
- The SOA is in discussions with the Canadian Institute of Actuaries regarding potential new areas of collaboration. Survey responses from our Canadian members will be used to develop research plans.
- The SOA is collaborating with the Chinese Actuarial Association to strengthen our relationship and open new opportunities for research for our international members. Ideas from the survey will be considered as we discuss potential areas for collaborative study.

The SOA has a number of studies in progress that received relatively high levels of interest in the survey. These include a life insurance persistency (including premium persistency) study, term conversion mortality study, group life mortality study, group annuity mortality study, and the Canadian segregated account experience study. In addition, a number of research projects on health care topics is underway. See the [research webpage](#) for the SOA's latest research on health care. The survey results will also be of use to the SOA's Long-Term Care Experience Committee, Individual Disability Insurance Experience Committee, Credit Insurance Experience Committee, and Private Placement Experience Committee as they regroup in 2016 to determine their next areas of study. Finally, the SOA's Individual Life Insurance Experience Committee, Group Life Insurance Experience Committee, Group Annuity Experience Committee, and Group Long-Term Disability Experience Committee will be able to use the survey results to determine their next round of research that should be completed after their current projects are finalized.

## Appendix A

### Survey for New Experience Studies

As an SOA member, you are being asked to complete this brief survey on the need for future experience studies. The results of this survey will be used to prioritize the SOA's plan for experience studies over the next 3 to 5 years. The survey should take less than 5 minutes to complete for each area of interest selected. Highlights of the survey results will be made available to SOA members.

Name:

Company:

Country of Employment

Phone #:

Email Address:

Chief Actuary?

- Yes
- No

Appointed Actuary?

- Yes
- No

What insurance area(s) do you have an interest in? (Check all that apply)

- Individual life
- Individual annuity
- Group life
- Group annuity
- Pension
- Long-term care
- Group long-term disability
- Individual disability
- Supplemental health (critical illness, accident, hospital & indemnity)
- Credit
- Finance/investments
- General insurance
- International
- Other



**INDIVIDUAL LIFE**

1. Of the following potential areas of study, rate your level of interest in each (high, medium, low, not applicable):

	High	Medium	Low	Not Applicable
UL, SGUL, VUL premium patterns	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Life expenses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Policy loan utilization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Life insurance guaranteed living benefit utilization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Waiver of premium utilization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LTC/Life combo experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Term conversions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mortality under evolving streamlined underwriting (a.k.a. middle market/accelerated underwriting)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. If you have any other ideas for future experience studies, please list them here:

3. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?

- Yes
- No

Please describe your interest in volunteering:

4. Are you in a position to discuss your company's participation in data requests for experience studies?

- Yes
- No

### INDIVIDUAL ANNUITY

1. Of the following potential areas of study, rate your level of interest in each (high, medium, low, not applicable):

	High	Medium	Low	Not Applicable
Annuity expenses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Deferred annuity mortality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Deferred annuity persistency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Deferred annuity guaranteed living benefit utilization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LTC/Annuity combo experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. If you have any other ideas for future experience studies, please list them here:

3. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?

- Yes  
 No

Please describe your interest in volunteering:

4. Are you in a position to discuss your company's participation in data requests for experience studies?

- Yes  
 No

### GROUP LIFE

1. What are your top 1 or 2 areas of interest for an experience study?

2. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?

- Yes  
 No

Please describe your interest in volunteering:

3. Are you in a position to discuss your company's participation in data requests for experience studies?

- Yes  
 No

### GROUP ANNUITY

1. What are your top 1 or 2 areas of interest for an experience study?

2. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?

- Yes  
 No

Please describe your interest in volunteering:

3. Are you in a position to discuss your company’s participation in data requests for experience studies?

- Yes
- No

**PENSION**

1. Of the following potential areas of study, rate your level of interest in each (high, medium, low, not applicable):

	High	Medium	Low	Not Applicable
Private pension plans - study of emerging mortality experience compared to RP-2014	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pension mortality by socio-economic status	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pension mortality by geographical area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Multi-employer plan mortality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Retiree medical - election of medical coverage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. If you have any other ideas for future experience studies, please list them here:

3. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?

- Yes
- No

Please describe your interest in volunteering:

4. Are you in a position to discuss your company’s participation in data requests for experience studies?

- Yes
- No

**LONG-TERM CARE**

1. For the next study of LTC experience, which format would you prefer? (Please respond A or B) Note that all links will open in a new tab.

A. the 1984-2004 LTC Intercompany Study

B. the recently released research: [2000-11 LTC Experience Basic Tables](#); [LTC Aggregated Claims Databases](#); and [LTC Policy Terminations Databases](#)

2. What suggestions for improvement do you have for the next LTC experience study?

3. Of the following potential areas of study, rate your level of interest in each (high, medium, low, not applicable):

	High	Medium	Low	Not Applicable
LTC/Annuity combo experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LTC/Life combo experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. If you have any other ideas for future experience studies, please list them here:

5. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?

- Yes
- No

Please describe your interest in volunteering:

6. Are you in a position to discuss your company’s participation in data requests for experience studies?

- Yes
- No

**GROUP LONG-TERM DISABILITY**

1. Of the following potential areas of study, rate your level of interest in each (high, medium, low, not applicable):

	High	Medium	Low	Not Applicable
Group LTD claim incidence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social security approval rates	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. If you have any other ideas for future experience studies, please list them here:

3. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?

- Yes
- No

Please describe your interest in volunteering:

4. Are you in a position to discuss your company’s participation in data requests for experience studies?

- Yes
- No

**INDIVIDUAL DISABILITY**

1. Of the following potential areas of study, rate your level of interest in each (high, medium, low, not applicable):

	High	Medium	Low	Not Applicable
Individual disability insurance claim incidence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Individual disability insurance claim termination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. If you have any other ideas for future experience studies, please list them here:

3. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?

- Yes
- No

Please describe your interest in volunteering:

4. Are you in a position to discuss your company's participation in data requests for experience studies?

- Yes
- No

**SUPPLEMENTAL HEALTH**

1. Of the following potential areas of study, rate your level of interest in each (high, medium, low, not applicable):

	High	Medium	Low	Not Applicable
Critical illness - incidence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Critical illness - persistency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accident - incidence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accident - persistency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hospital and indemnity - incidence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hospital and indemnity - persistency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. If you have any other ideas for future experience studies, please list them here:

3. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?

- Yes
- No

Please describe your interest in volunteering:

4. Are you in a position to discuss your company's participation in data requests for experience studies?

- Yes
- No

**CREDIT**

1. What are your top 1 or 2 areas of interest for an experience study?
2. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?
  - Yes
  - No

Please describe your interest in volunteering:

3. Are you in a position to discuss your company’s participation in data requests for experience studies?
  - Yes
  - No

**FINANCE/INVESTMENTS**

1. For the following potential area of study, rate your level of interest (high, medium, low, not applicable):

	High	Medium	Low	Not Applicable
Private placement credit risk loss experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. If you have any other ideas for future experience studies, please list them here:
3. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?
  - Yes
  - No

Please describe your interest in volunteering:

4. Are you in a position to discuss your company’s participation in data requests for experience studies?
  - Yes
  - No

**GENERAL INSURANCE**

1. Of the following potential areas of study, rate your level of interest in each (high, medium, low, not applicable):

	High	Medium	Low	Not Applicable
Workers compensation: Termination study of compulsory no-fault indemnity and medical benefits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Property - Natural Catastrophes: Study of claim settlement patterns after a major catastrophe	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. If you have any other ideas for future experience studies, please list them here:

3. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?

- Yes
- No

Please describe your interest in volunteering:

4. Are you in a position to discuss your company's participation in data requests for experience studies?

- Yes
- No

### INTERNATIONAL

1. What are your top 1 or 2 areas of interest for an experience study?

2. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?

- Yes
- No

Please describe your interest in volunteering:

3. Are you in a position to discuss your company's participation in data requests for experience studies?

- Yes
- No

### OTHER

1. What is your area of interest?

2. What are your top 1 or 2 areas of interest for an experience study?

3. Are you interested in volunteering to help in the development of any of the above studies or in coordinating volunteers at your company for any of the above studies?

- Yes
- No

Please describe your interest in volunteering:

4. Are you in a position to discuss your company's participation in data requests for experience studies?

- Yes
- No



## About The Society of Actuaries

The Society of Actuaries (SOA), formed in 1949, is one of the largest actuarial professional organizations in the world dedicated to serving 24,000 actuarial members and the public in the United States, Canada and worldwide. In line with the SOA Vision Statement, actuaries act as business leaders who develop and use mathematical models to measure and manage risk in support of financial security for individuals, organizations and the public.

The SOA supports actuaries and advances knowledge through research and education. As part of its work, the SOA seeks to inform public policy development and public understanding through research. The SOA aspires to be a trusted source of objective, data-driven research and analysis with an actuarial perspective for its members, industry, policymakers and the public. This distinct perspective comes from the SOA as an association of actuaries, who have a rigorous formal education and direct experience as practitioners as they perform applied research. The SOA also welcomes the opportunity to partner with other organizations in our work where appropriate.

The SOA has a history of working with public policymakers and regulators in developing historical experience studies and projection techniques as well as individual reports on health care, retirement, and other topics. The SOA's research is intended to aid the work of policymakers and regulators and follow certain core principles:

**Objectivity:** The SOA's research informs and provides analysis that can be relied upon by other individuals or organizations involved in public policy discussions. The SOA does not take advocacy positions or lobby specific policy proposals.

**Quality:** The SOA aspires to the highest ethical and quality standards in all of its research and analysis. Our research process is overseen by experienced actuaries and non-actuaries from a range of industry sectors and organizations. A rigorous peer-review process ensures the quality and integrity of our work.

**Relevance:** The SOA provides timely research on public policy issues. Our research advances actuarial knowledge while providing critical insights on key policy issues, and thereby provides value to stakeholders and decision makers.

**Quantification:** The SOA leverages the diverse skill sets of actuaries to provide research and findings that are driven by the best available data and methods. Actuaries use detailed modeling to analyze financial risk and provide distinct insight and quantification. Further, actuarial standards require transparency and the disclosure of the assumptions and analytic approach underlying the work.

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