

## 2023 Quinquennial Survey A

### Demographics

**AB1. Please indicate your current membership category and the year you attained your designation:**  
(CHECK ALL THAT APPLY)

#### DESIGNATION/AFFILIATE YEAR ATTAINED

- 1. ACAS \_
- 2. FCAS
- 3. CSPA
- 4. CSCR \_\_\_
- 5. CCRMP \_\_\_
- 6. Affiliate \_

**AB2. What is your gender?**  1. Female  2. Male  3. Non-Binary  4. Prefer Not to Answer

**AB3. Do you identify as a member of the LGBTQ+ community? This does not include those who consider themselves allies to this community. (Select Only One)**

- Yes
- No
- Prefer Not to Answer

**AB4. Please indicate your Race/Ethnicity (Multiple Options May Be Selected):**

- American Indian or Alaska Native
- Asian
- Black or African American
- Hispanic, Latino, or Spanish Origin
- Native Hawaiian or Pacific Islander
- White or Caucasian (Non-Hispanic)
- Other (*optional text box to write in*)
- Prefer Not to Answer

**AB5. How old are you?**

- 1. Up to 30 years old
- 2. 31-40 years old
- 3. 41-50 years old
- 4. 51-60 years old
- 5. 61 or older
- 6. Prefer Not to Answer

**AB7. How many years' experience do you have working in the actuarial field (starting from the date of your first full-time property-casualty actuarial position)? \_\_\_\_\_ YEARS**

**AB8. What is your employment status? (CHECK ONLY ONE)**

- 1. Full-time
- 2. Part-time
- 3. Retired
- 4. Full-time parent/caregiver
- 5. Not currently employed

**AB9. Are you currently employed as an actuary?**  1. Yes  2. No

**AB10. For what type of company or organization do you work now or did you work last? (CHECK ONLY ONE)**

- 1. Insurance company
- 2. Reinsurance company
- 3. Insurance and Reinsurance company
- 4. (Re)Insurance broker
- 5. Consulting firm
- 6. Organization serving the insurance industry
- 7. Other financial institution
- 8. Rating agency
- 9. Regulatory organization
- 10. Government - Non-Regulatory
- 11. University or College
- 12. Other (SPECIFY) \_

**AB11. Approximate number of: (CHECK ONE IN EACH COLUMN)**

	<b>Employees in my organization</b>	<b>CAS credentialed actuaries in my organization</b>
1. 1 – 5 .....	<input type="checkbox"/>	<input type="checkbox"/>
2. 6 – 10 .....	<input type="checkbox"/>	<input type="checkbox"/>
3. 11 – 25 .....	<input type="checkbox"/>	<input type="checkbox"/>
4. 26 – 50 .....	<input type="checkbox"/>	<input type="checkbox"/>
5. 51 – 200 .....	<input type="checkbox"/>	<input type="checkbox"/>
6. More than 200 .....	<input type="checkbox"/>	<input type="checkbox"/>

**AB12. Where is the physical location of the primary place in which you work?**

Country: \_\_\_\_\_ State/Province: \_\_\_\_\_

City/Urban Area: \_\_\_\_\_

**AB13. Are you currently full time remote, hybrid, or full time in office?**

- Full Time Remote
- Hybrid
- Full time in office
- What percentage of your work time do you spend working remotely each week? (SKIP LOGIC: Asked only if "Hybrid" selected)

**AB14. In which geographic areas have you had significant business responsibilities: (CHECK ALL THAT APPLY)**

**Current Responsibilities Anytime in your Career**

- |   |                          |                          |
|---|--------------------------|--------------------------|
| 1. Africa   | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 2. Asia – China   | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 3. Asia – East Asia Other than China<br>(Malaysia, Singapore, etc.) | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 4. Asia – South Asia (India, Pakistan,<br>etc.)                     | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 5. ....   | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Asia – Other   | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 7. Australia/New Zealand  | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 8. Bermuda  | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 9. Canada   | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 10. Caribbean   | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 11. Central America   | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 12. Europe – Eastern  | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 13. Europe – UK/Ireland   | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 14. Europe – Western  | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 15. Mexico  | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 16. Middle<br>East  | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 17. South America   | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 18. United States   | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |
| 19. Worldwide...  | <input type="checkbox"/> | <input type="checkbox"/> |
| .....   |                          |                          |

**AB15. Please check all other actuarial-related organizations to which you currently belong: (CHECK ALL THAT APPLY)**

- 1. American Academy of Actuaries
- 2. American Society of Pension Professionals and Actuaries
- 3. Conference of Consulting Actuaries
- 4. Canadian Institute of Actuaries
- 5. Institute and Faculty of Actuaries
- 6. Institute of Actuaries of Australia
- 7. International Actuarial Association – ASTIN
- 8. International Actuarial Association – AFIR
- 9. International Association of Consulting Actuaries
- 10. Society of Actuaries
- 11. iCAS
- 12. ISCM
- 13. Other organization (i) (SPECIFY) \_\_\_\_\_
- 14. Other organization (ii) (SPECIFY) \_\_\_\_\_

**AB16. What is the highest level of academic education you have completed? (CHECK ONLY ONE)**

- 1. BA/BS
- 2. MA/MS/MBA
- 4. JD
- 5. PhD
- 6. Other (SPECIFY) \_\_\_\_\_

**AB17. Did you earn any college/university degrees in actuarial science? (CHECK ALL THAT APPLY)**

- 1. BA/BS
- 2. MA/MS
- 3. PhD

4. No

**AB18. Other professional designations: (CHECK ALL THAT APPLY)**

- 1. Associate in Reinsurance (ARe)
- 2. Associate in Risk Management (ARM)
- 3. Associate in Investment Management and Research (AIMR)
- 4. Chartered Financial Analyst (CFA)
- 5. Certified Public Accountant (CPA)/Chartered Accountant (CA)
- 6. Chartered Property Casualty Underwriter (CPCU)
- 7. Chartered Enterprise Risk Analyst (CERA)
- 8. CSPA
- 9. CSCR
- 10. CCRMP
- 11. Other (SPECIFY) \_\_\_\_\_

**AB19. Please indicate the following: (A) What percentage of your time over the past two years you have spent in each of the following areas (total should be 100%), and (B) Which of the following roles you've played in your career:**

	(A) % Time Spent Past Two Years	(B) Have Done in My Career
1. Data Management/Systems Administrator .....	_____ %	<input type="checkbox"/>
2. Enterprise Risk Management .....	_____ %	<input type="checkbox"/>
3. Executive Management .....	_____ %	<input type="checkbox"/>
4. Expert Witness .....	_____ %	<input type="checkbox"/>
5. Investments .....	_____ %	<input type="checkbox"/>
6. Management of Actuarial Unit .....	_____ %	<input type="checkbox"/>
7. Planning – Strategic and Financial .....	_____ %	<input type="checkbox"/>
8. Predictive Analytics .....	_____ %	<input type="checkbox"/>
9. Pricing .....	_____ %	<input type="checkbox"/>
10. Product Development .....	_____ %	<input type="checkbox"/>
11. Programming/Software Development .....	_____ %	<input type="checkbox"/>
12. Regulation .....	_____ %	<input type="checkbox"/>
13. Reserving .....	_____ %	<input type="checkbox"/>
14. Risk & Capital Management .....	_____ %	<input type="checkbox"/>
15. Teaching.....	_____ %	<input type="checkbox"/>
16. Research .....	_____ %	<input type="checkbox"/>
17. Underwriting .....	_____ %	<input type="checkbox"/>
18. Marketing .....	_____ %	<input type="checkbox"/>
19. Valuation .....	_____ %	<input type="checkbox"/>
20. Reinsurance .....	_____ %	<input type="checkbox"/>
21. Other (SPECIFY) .....	_____ %	<input type="checkbox"/>
<b>TOTAL</b> .....	<b>100</b> %	

**AB20. Leadership positions you have held in the last three years: (CHECK ALL THAT APPLY)**

- 1. CAS Board or Executive Council
- 2. Chair/Vice Chair of a CAS Volunteer Group
- 3. Member of a CAS Volunteer Group
- 4. Another actuarial organization's Board, Executive Council, or Volunteer Group
- 5. None of the above

AB21. Do you currently serve as a Member Advisory Panelist for CAS?  1. Yes  2. No

**Member Satisfaction and Engagement**

AB22. Do you consider the return on CAS dues investment to be: (CHECK ONLY ONE)

- 1. Greater than expected
- 2. Equal to expectation
- 3. Less than expected

AB23. If you feel that the dues and services/benefits are not in line with each other, what would need to be done to bring them in line? Please explain/specify: (SKIP LOGIC: Asked only if "Less than expected" selected)

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AB24. How satisfied are you with the following aspects of the CAS: (Not Satisfied At All, Somewhat Dissatisfied, Neutral, Somewhat Satisfied, Very Satisfied, No Opinion) (LOGIC: "Please provide suggestions for improvement" pops up if "Not Satisfied at All or Somewhat Dissatisfied" selected)

1. Overall Satisfaction with CAS.....
2. CAS Leadership (Board and Officers) .....
3. Committee Chairs.....
4. Professional Staff .....
5. Publications .....
6. Meetings/Professional Education .....
7. Admissions/Credentialing.....
8. Volunteer Opportunities.....
9. Board Transparency .....
10. Organizational Transparency.....

AB25. What is the strongest attribute of the CAS?

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AB26. What is the weakest attribute of the CAS?

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AB27. On a scale of 1-10, how would you rank your own engagement level with the CAS?

1 - Not Engaged At All

10 - Very Engaged

AB28. Are you satisfied with your overall engagement with CAS?

- Yes
- No

AB29. On a scale of 1-10, what is your perception of overall member engagement at the CAS?

**AB30. On a scale of 1-5, with 5 being Very Familiar and 1 being Not at all Familiar, How familiar are you with the CAS Strategic Plan?**

**AB31. Are you satisfied with your engagement with the CAS's strategic decision-making process?**

- Yes
- No

**AB32. If you would like to increase your engagement with the CAS's strategic decision-making process, what would you prefer to do more of, or have the opportunity to do? (Select up to three)**

- Vote in CAS elections
- Run for CAS President-Elect or the CAS Board of Directors
- Volunteer for CAS committees, working groups, and task forces
- Respond to member surveys
- Participate in membership events, such as Town Halls
- Hold individual discussions with CAS staff, volunteers, and elected officers/Board members
- Participate in conference calls with groups of members led by elected officers/Board members
- Respond to exposure drafts of proposals for new CAS strategic initiatives
- Other (please specify)
- None, I do not wish to increase my engagement with the CAS's strategic decision-making process

### Retirement

**AB33. Are you retired?**

**Yes (Skips to 34A)**

**No (Skips to 34B)**

**AB34A. In what year did you retire? \_\_\_\_ (Skips to 35)**

**AB34B. When do you plan on retiring?**

- In less than 5 years
- In 5 to 10 years
- In 10 to 15 years
- In more than 15 years
- Unsure

(afterwards skips to A39)

**AB35. Have you participated in the following CAS activities since retiring or do you plan to participate in the following CAS activities: (CHECK ALL THAT APPLY) 1) Have participated, 2) Have not participated but plan to, 3) Have not participated AND don't plan to, 4) Don't know of future plans**

1. Volunteer for Committees/Working Groups/Task Forces
2. Attend CAS Meetings or Seminars
3. Other (SPECIFY)\_\_\_\_\_..

**AB36. Are you aware of the opportunities that the CAS provides to retirees?**

- a. Yes \_\_\_\_\_
- b. No \_\_\_\_\_

**AB37. Are you pleased with the opportunities that the CAS provides to retirees?**

- 1. Yes
- 2. No
- 3. N/a

**AB38. What can the CAS do to improve the opportunities provided to retirees? Please explain/specify:**

**Regional Affiliates, International Affiliates & Special Interests Sections**

**A39. In which CAS Regional Affiliate(s)/International Affiliates/Special Interests section(s) are you an active member? (CHECK ALL THAT APPLY)**

**Regional Affiliates**

- 1. Asia Regional Casualty Actuaries (ARECA)
- 2. Association des Actuaire IARD (AAIARD)
- 3. Buckeye Actuarial Continuing Education (BACE)
- 4. Casualty Actuaries of the Bay Area (CABA)
- 5. Casualty Actuaries of Bermuda (CABER)
- 6. Casualty Actuaries of Europe (CAE)
- 7. Casualty Actuaries of Desert States (CADS)
- 8. Casualty Actuaries of Greater New York (CAGNY)
- 9. Casualty Actuaries of the Mid-Atlantic Region (CAMAR)
- 10. Casualty Actuaries of New England (CANE)
- 11. Casualty Actuaries of the Northwest (CANW)
- 12. Casualty Actuaries of the Southeast (CASE)
- 13. Central States Actuarial Forum (CSAF)
- 14. Midwestern Actuarial Forum (MAF)
- 15. Ontario Conference of Casualty Actuaries (OCCA)
- 16. Southern California Casualty Actuaries Club (SCCAC)
- 17. Southwest Actuarial Forum (SWAF)
- 18. Other organization (SPECIFY) \_\_\_\_\_
- 19. Not an active Regional Affiliate participant

**Special Interest Sections**

- 20. Casualty Actuaries in Regulation (AIR)
- 21. Casualty Actuaries in Reinsurance (CARE)
- 22. Credit Risk Section
- 23. Joint Risk Management Section
- 24. Seasoned Actuaries Section of the CAS
- 25. Other organization (SPECIFY) \_\_\_\_\_
- 26. Not an active Special Interest Sections participant

**A40. If you are not an active member/participant in a CAS Regional Affiliate or an International Affiliate or a Special Interest Section, why not? (CHECK ALL THAT APPLY) (SKIP LOGIC: Only ask this question if "Not an active participant selected for both questions above)**

- 1. Regional affiliate does not exist in my area
- 2. International affiliate does not exist in my area
- 3. Current Special Interest sections are not relevant for my work
- 4. Low relevance of subject matter at meetings
- 5. Networking opportunity limited due to small number of attendees
- 6. Prefer to go to meetings with more activities
- 7. Prefer to go to meetings with more interesting locations
- 8. Don't get timely information regarding the dates and locations of the meetings
- 9. Company doesn't encourage or sponsor my attendance
- 10. Time
- 11. Costs
- 12. Regional Affiliate does not hold meetings
- 13. International Affiliate does not hold meetings
- 14. Was not aware of regional affiliates/international affiliates/special interest sections
- 15. Other (SPECIFY) \_

**A41. Please provide your suggestions for improving the usefulness of Regional Affiliate/International Affiliates/Special Interest Sections Activities:**

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**A42. Special Interest Sections [such as Casualty Actuaries in Reinsurance (CARE), Casualty Actuaries in Regulation (AIR), Credit Risk Section, Joint Risk Management Section, and the Seasoned Actuaries Section] serve the needs of actuaries in particular areas of practice. Do you have suggestions for other practice areas that the CAS should consider forming a Section?**

- 1. Suggested Practice Area\_
- 2. No opinion

### Publications

**A43. Please describe your interest in writing and submitting papers for CAS publications: (CHECK ALL THAT APPLY)**

- 1. I have written papers for CAS publications in the past
- 2. I am interested and plan to submit papers for CAS publications in the future
- 3. I (would) prefer to publish papers in the *Variance* because it is fully refereed
- 4. I (would) prefer to avoid the burden of peer review in *Variance* and submit papers only to call paper programs or the *E-Forum* directly
- 5. I have less interest in writing papers than in other CAS activities
- 6. My company discourages submissions of papers to CAS publication due to concerns with revealing proprietary information
- 7. I'm unsure whether I'm qualified to write papers sufficient for CAS publication
- 8. I have no interest in writing papers for future CAS publication

**A44. Please provide additional comments on writing for CAS publications:**

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**A45. How often do you read *Variance*, the peer-reviewed Journal of CAS?**

- 1. Rarely
- 2. I use it as reference material and only read the articles as needed
- 3. Once a year
- 4. A couple of times a year
- 5. Once a month

**A46. How would you rate the following features of *Variance*, the peer-reviewed Journal of CAS?**

1. Quality of articles (Very Poor, Poor, Average, Good, Very Good, No Opinion)
2. Technical Difficulty (Very Difficult, Challenging But Can Be Understood, Just Right, Somewhat Basic, Too Basic, No Opinion)
3. Relevance of Topics to Your Work (None Are Relevant, A Few Are Relevant, Some Are Relevant, Most Are Relevant, Nearly All Are Relevant, No Opinion)
4. Length of Articles (Too Long, Long, Just Right, Short, Too Short, No Opinion)

**A47. Please provide additional comments on *Variance*:**

**Governance/Elections**

**A63. Did you vote in the last CAS election? (CHECK ONLY ONE)**

- 1. Yes, I cast votes for all offices
- 2. Yes, I cast vote for some, but not all offices
- 3. No, I was not eligible (ACAS<5 years)
- 4. No, I chose not to vote

If 4 is selected: Why not? \_\_\_\_\_

**A64. Are you satisfied with the transparency of the process currently being used to nominate CAS members as:**

	Yes	No	Not Familiar with Process
1. Board of Directors .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Vice Presidents .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. President-Elect .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**A65. Please provide additional comments relative to CAS elections:**

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**Research and Development**

**A66. Which area best describes the practice area for the majority of your work?**

1. Ratemaking/Pricing
2. Reserving
3. Enterprise Risk Management
4. Data Science/Predictive Analytics
5. Other (SPECIFY) \_\_\_\_\_

**A67. How often do you read the following CAS research publications?**

Choices: Very Often – On Occasion – Rarely – Not at all

- Variance
- E-Forum
- Research Papers
- CAS Roundtable blog
- Actuarial Review
- Other (please specify)

**A68. How much research would you like to see in the following areas?**

Less Research - Similar Research – More Research – No Opinion

1. Macroeconomic Drivers of Insurance Costs (inflation, unemployment, interest rate, etc)
2. Deep learning/Artificial intelligence
3. Bayesian techniques
4. International issues
5. InsurTech
6. Algorithmic/insurance rating bias
7. Impact of climate change
8. Impact of Changes to Accounting Standards (those being implemented as well as those under discussion)
9. Impact of Changes to Solvency Regulations (those being implemented as well as those under discussion)
10. Operational risk
11. Non-actuarial financial risk
12. Cyber risk

**A69. List additional research topics you would like to see addressed by the CAS:**

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**A70. How valuable would the following be in improving your ability to apply CAS research on the job?**

Choices: Not Valuable at all – Unvaluable – Neutral – Valuable – Very Valuable

1. Direct relevancy to my work
2. Availability of illustrative data within research
3. Program code/tool/spreadsheet included
4. Case studies showing research being used
5. CAS continuing education (e.g., webinars) to demonstrate applicability of research
6. Make the methodology easier to understand
7. Assumptions which can be more easily justified
8. Use of methods which are less expensive to implement
9. Use of methods which are easier to explain to a non-technical stakeholder, e.g. management, regulator, auditor
10. Other (please specify)

**A71. Of the following methods, please indicate the method by which you i) typically become aware of CAS research and ii) would most like to be made aware of CAS research**

Typically become aware	Would most like to be made aware
CAS weekly newsletter	CAS weekly newsletter
CAS social media posts	CAS social media posts
CAS website	CAS website
CAS Roundtable blog	CAS Roundtable blog
Actuarial Review	Actuarial Review
CAS Research online community / email	CAS Research online community / email
CAS CE opportunities (meetings, seminars, webinars)	CAS CE opportunities (meetings, seminars, webinars)
CAS Research Publications (e.g., Variance E-Forum)	CAS Research Publications (e.g., Variance E-Forum)
Other (please specify)	Other (please specify)
	I am not interested in improving my awareness of CAS research projects.

**A72. To what extent do the following prevent you from employing the results of recent CAS research in your work?**

(Choices: Strongly Disagree, Disagree, Neutral, Agree, Strongly Agree)

1. The methodology is too difficult to understand
2. The underlying assumptions cannot be justified
3. Paucity and/or reliability of required data
4. The methods are too expensive to implement
5. The methods are too complex to explain to a non-technical audience like management, regulator, auditor, client, etc
6. I do use the latest techniques

**A73. Regarding CAS Research Groups:**

- a. Do you currently volunteer for CAS Research Working Groups/Task Forces?  
 1. Yes  2. No
- b. If not, have you stopped volunteering for CAS Research within the past 5 years?  
 1. Yes  2. No
- c. If you have stopped volunteering for CAS Research within the past 5 years, what are the contributing factors?

**A74. How likely are you to recommend CAS research products to colleagues?**

[0-10 Scale, 0 is Not Likely at All, 5 is Neutral and 10 is Extremely Likely]

**Professional Education**

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**Education Content**

**AB75. What are your greatest CE needs? (CHECK ALL THAT APPLY)**

- Predictive Analytics
- Pricing
- Reserving
- Reinsurance
- Professionalism
- Soft Skills
- Modelling
- Data Management
- International
- Other #1 (SPECIFY) \_\_\_\_\_
- Other #2 (SPECIFY) \_\_\_\_\_
- Other #3 (SPECIFY) \_\_\_\_\_

**AB76. What kind of learning should CAS be focusing on? (CHECK ALL THAT APPLY)**

- Blended Learning – pre-readings before lecture/classroom
- Roundtables – group discussion led by facilitator
- Social Learning - Peer to Peer Conversations, Icebreakers, Speed Networking with CE relevant questions
- Group exercises – case studies, breakouts
- Professional affinity groups (women leader sessions, mentoring)
- Simulations – mock trials, crisis simulations
- Sage from the stage – lecture from a lectern
- Industry leader panels
- Software Demos
- Short burst talks? – 15 minutes or less
- Interactive sessions with polling, trivia, gamification, leaderboards
- On-Demand Courses (interactive with assessments)
- Microlearning (YouTube/TikTok videos)
- Podcasts
- AI self-improvement tools
- Other \_\_\_\_\_

**AB77. What subject matter experts would you like to hear from at future events? (CHECK ALL THAT APPLY)**

- Speakers with diverse experience
- Interactive speakers
- Consultants
- Regulators
- Carriers
- Academics
- Non-actuarial speakers
- Data scientists
- Business skills leaders

**Education Delivery**

**AB78. How many hours of Continuing Education (CE) have you completed in the last three years?**

**2020 Hours    2021 Hours    2022 Hours**

1. CAS Organized activities (live instruction with interaction with other organizations)  
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2. CAS Non –Organized Activities (recordings. Readings) .....

3. CAS Regional Affiliates  
.....

4. Non-CAS/ Other activities  
.....

**AB79. How difficult have you found it to meet the CE requirements? (CHECK ONLY ONE)**

- 1. Very Difficult
- 2. Difficult
- 3. Just About Right
- 4. Fairly Easy
- 5. Easy

**AB80. In fulfilling your CE requirements, what formats do you most prefer to use in the next 12 months? (CHECK ALL THAT APPLY)**

- I believe that I am exempt from CE requirements
- In-person Meetings with concurrent and general sessions (travel to another city) ie. Spring, RPM, CLRS
- In-person Meetings with concurrent and general sessions (local/regional – no hotel needed)
- Livestream Meetings with concurrent and general sessions (live broadcast from event)
- In-person Limited Attendance Seminars (travel to another city) ie. Reserve Variability LAS
- In-person Limited Attendance Seminars (local/regional – no hotel needed)
- Virtual Limited Attendance Seminars (virtual only) ie. Virtual Introduction to Python
- Virtual One Day Seminars (virtual only) ie. In Focus/Trunk Show
- Webinars (60 to 90 minute)
- In-person company-sponsored program (no outside speakers)
- Packaged company-sponsored program (third party speakers)
- Recordings of CAS Meeting sessions and webinars
- Online Course (multiple 60 to 90 minute modules)
- Microlearning On-Demand (less than 10 minute videos)
- Reading research articles, papers, books, etc.
- Other (SPECIFY) \_\_\_\_\_

**AB81. Does your employer place a limit on how many face-to-face events you may attend each year?**

(CHECK ALL THAT APPLY)

- No, I make my own decisions based on my needs
- Yes, based on the number of events – limited to a certain number of events regardless of the cost
- Yes, based on the annual cost of CE – limited to a budget regardless of the number of events
- Yes, based on distance from my office – only within driving distance
- Yes, based on if I am speaking
- Yes, based on the time of the year and workload
- Yes, based on seniority or professional responsibilities
- I believe that I am exempt from CE requirements
- Other (SPECIFY) \_\_\_\_\_

**AB82. Did you attend at least one in-person CAS meeting or seminar in the last year (not including Regional Affiliate Meetings)? (SKIP LOGIC: question 83 depending on response - Yes 83a, No 83b)**

**AB83a. If you have attended at least one in-person CAS meeting or seminar in the last year, why did you? (CHECK ALL THAT APPLY)**

1. Cost (price per CE/value)
2. Content
3. Length of meeting
4. Location
5. Accessibility
6. Timing of meeting in the calendar year
7. Tied in a personal vacation with the event
8. Tied in with a CAS professional/business function at the event
9. Tied in with a non-CAS professional/business function at the event
10. I was a new FCAS or ACAS (attending Spring/Annual)
11. Networking
12. Employer request
13. Employer/colleague presence
14. Exhibitor/Sponsor
15. Speaker/Moderator
16. Volunteer
17. Other (SPECIFY) \_\_\_\_\_

**AB83b. If you have not attended at least one in-person CAS meeting or seminar in the last year, why not? (CHECK ALL THAT APPLY)**

1. Overall value
2. Cost
3. Content
4. Length of meeting
5. Location
6. Accessibility
7. Preference for virtual
8. Livestream option available
9. Timing of meeting in the calendar year
10. Personal commitments
11. Work commitments
12. Employer limitations
13. Non-CAS options
14. I believe that I am exempt from CE requirements
15. Other (SPECIFY) \_\_\_\_\_

**AB84. Which of the following methods of communication prompted you to register for a CAS CE event in the last 12 months? (CHECK ALL THAT APPLY)**

- Direct email from the CAS about the event
- Boss or colleague
- Notified of group registration from our company
- Weekly bulletin
- The CAS Home page announcement
- The CAS website – my own search
- CAS Social Media Post-LinkedIn
- CAS Social Media Post-Twitter
- CAS Social Media Post-Facebook
- CAS Social Media Post-Instagram
- Other (SPECIFY) \_\_\_\_\_

**Volunteerism**

**A86. Have you volunteered with the CAS within the last 5 years?**

- A. Yes
- B. No

**(SKIP LOGIC -> If Yes, user will proceed to remaining questions If No, user will skip to last question – A89)**

**A87. Please check the boxes indicating the current and/or former areas in which you volunteer(ed). Please leave area(s) blank if not applicable)**

	Current Volunteer	Former Volunteer
Marketing and Communications		
Publications		
Finance and Investment		
Admissions		
Professional Education		
Research		
International		
Governance		

**A88. How would you rate your overall satisfaction volunteering for the CAS?**

- Very Unsatisfied
  - Unsatisfied
  - Neutral
  - Satisfied
  - Very Satisfied
- **If Very Unsatisfied or Unsatisfied, what specific improvements would you suggest?**
  - **If Very Satisfied, what made your volunteer experience so satisfying?**

**A89. Is there anything that is limiting you from increasing your participation on CAS committees/task forces:**

**(CHECK ALL THAT APPLY)**

- 1. No limitation
- 2. Cost

- 3. Time
- 4. Lack of interest at this time
- 5. Not supported by my employer
- 6. Unsure of skills needed to Volunteer
- 7. Unsure of time commitment needed to Volunteer
- 8. Other (SPECIFY) \_\_\_\_\_

**Admissions**

**AB90. Should the CAS award exam credit based on performance in accredited courses in universities for preliminary Exams 1 and/or 2?**

- 1. Yes, for both
- 2. Yes, for one; Please state for which exam \_\_\_\_\_
- 3. No, for none; Please state why \_\_\_\_\_
- 4. No Opinion
- 5. I am not sufficiently familiar with the current Exam Syllabus to comment.

**AB91. Considering the syllabus/content outlines of Exams 5 through 9**

- 1. The syllabus/content outlines should be more weighted towards technical topics
- 2. The syllabus/content outlines should be less weighted towards technical topics
- 3. The current balance of technical and non-technical topics is adequate
- 4. I am not sufficiently familiar to comment

**AB92. As a candidate, how well prepared did you feel after completing a CAS exam?**

1. Not at all prepared
2. Slightly prepared
3. Moderately prepared
4. Very prepared
5. Extremely prepared

**AB93. The syllabus/content outlines of Exams 5 through 9 evolve regularly in response to new skills that current and future actuaries need to master. What topics do you feel should be considered for addition? Please provide specific topics.**

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**AB94. Compared to similar professions with similar compensation and job satisfaction, how many years do you think is an appropriate target to obtain the ACAS and FCAS credentials? (fill in the blank)**

\_\_\_\_\_ ACAS

\_\_\_\_\_ FCAS

**Strategic Direction**

**AB114. Rate your agreement with the following statement: The CAS should play a role in the following areas? (Strongly Disagree, Disagree, Neutral, Agree, Strongly Agree)**

1. Raising Public Awareness and Support for the Actuarial Profession .....
2. Serving as an advocate for the Actuarial Profession .....
3. Providing a Community for Actuarial Professionals to Connect .....
4. Promoting the Actuarial Profession to Middle School Students .....
5. Promoting the Actuarial Profession to High School Students .....
6. Promoting the Actuarial Profession to College Students
7. The CAS should play a role in helping to build a more diverse actuarial profession

**AB115. How significant should the CAS’s efforts and strategies be in the following: (Very Low, Low, Neutral, High, Very High, N/A/Don’t know enough to answer)**

1. Enterprise Risk Management .....
2. Predictive Analytics/Data Science .....
3. Stochastic Reserving .....
4. International Financial Reporting Standards .....
5. Issues Regarding Potential Bias in Insurance Rates
6. Artificial Intelligence and Machine Learning .....
7. Climate Risk.....

**AB116. How would you rate the following threats to current and future members of the CAS? (Very Low, Low, Neutral, High, Very High, N/A/Don’t know enough to answer)**

1. Threats from technological advances, for example automation, artificial intelligence, etc.
2. Threats from other actuarial credentialing bodies who offer alternative admissions pathways and continuing education offerings
3. Credibility of the actuarial profession
4. Actuarial malpractice
5. Competition from other professions such as data scientists
6. Perception of actuaries as having a narrow technical focus
7. Other threats (SPECIFY)\_\_\_\_\_

**AB117. Of the various actuarial organizations in North America and the world, what unique roles or benefits:**

**a. does the CAS provide?**

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**b. should the CAS provide?**

**AB118. What are the top two issues that will impact your professional life in the next five years?**

1.

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2.

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**AB119. Should each of the following broad areas continue to be the focus of the CAS Strategic Plan? (Yes, No, No Opinion)**

- Building skills for the Future
- Diversifying the Pipeline
- Expanding Globally
- Other (Write In)\_\_\_\_\_

**AB120. What are the top risks to the CAS (ERM Risks) as a professional organization a) in the near term, 1 to 5 years? B) in the longer term, 5 to 25 years?**

**AB121. What are the top two issues that will impact the CAS in the next five years?**

1.

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2.

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**OPTIONAL:**

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