

2023 Quinquennial Survey B

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. CERA
- 4. CSPA ___
- 5. CSCR ___
- 6. CCRMP ___
- 7. 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)

	Employees in my organization	CAS credentialed actuaries in my organization
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
(Malaysia, Singapore, etc.) | <input type="checkbox"/> | <input type="checkbox"/> |
| | | |
| 4. Asia – South Asia (India, Pakistan,
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
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
- 3. JD
- 4. PhD
- 5. 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"/>
TOTAL	100 %	

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)

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?

AB26. What is the weakest attribute of the CAS?

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?

1 - Membership is Not Engaged At All

10 - Membership is Very Engaged

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 B48)

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:

Communications

B48. How often do you visit the CAS Website? (CHECK ONLY ONE)

- 1. Never visit it
- 2. Less than once per month
- 3. Once per month
- 4. Once per week
- 5. More than once per week

B49. Which CAS social media platforms do you currently follow, and how often do you engage with them?

(CHECK ALL THAT APPLY)

	Daily	Weekly	Monthly	A Few Times A Year	Never
1. CAS Facebook Page	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. CAS Twitter Account	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. The CAS Institute Twitter Account	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. CAS LinkedIn Page	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. The CAS Institute LinkedIn Page	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. CAS Instagram Account					<input type="checkbox"/>
9. None of the Above					
10. Other platforms on which you would follow the CAS(SPECIFY) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B50. What type of information are you looking for when following CAS on social media? (CHECK ALL THAT APPLY)

- 1. Insurance Industry News
- 2. CAS Publications and Research (e.g., Research Papers, Actuarial Review)
- 3. Updates on General CAS Activities (e.g., International Efforts, CAS Research)
- 4. Information on CAS Educational Opportunities (e.g., Meetings, Seminars, Webinars)
- 5. News about CAS Members (e.g., Professional Accomplishments, Job Changes)
- 6. Campaigns supporting various segments of the CAS community (e.g., volunteers, members of affinity groups)
- 7. Other (SPECIFY) _____
- 8. Not interested in following the CAS on social media

B51. What is (or would be if it was available) your preferred method for contacting the CAS?

- General email to CAS
- Email to individual CAS staff person
- Website contact form or email contacts
- Website live agent chat
- Social media (Please specify which platform)
- Phone call
- Text
- Other

- Please provide any comments on your communications TO the CAS:

B52. Which of the following specialized communication vehicles do you receive? (Include a matrix for these with options for each one "Receive and Often Read, Receive and Don't Often Read, Do Not Receive, I Don't Know")

- a. Actuarial Review e-newsletter
- b. UCAS Online Education e-newsletter
- c. CAS Weekly E-Bulletin newsletter

B53. Which topics or types of information would you like to see covered more extensively in communications from the Casualty Actuarial Society? (Check all that apply)

- a. Strategic Plan
 - b. CAS Elections for Board of Directors and President-Elect
 - c. Policy Decisions Made by the CAS Board of Directors
 - d. Diversity, Equity, and Inclusion Initiatives
 - e. Admissions/Credentialing Updates
 - f. Research Opportunities
 - g. Volunteer Opportunities
 - h. Professional Education Opportunities
 - i. The CAS Institute
- Other Topics:

B54. Which CAS communication channels do you find most effective in receiving relevant information? (Select all that apply)

- a. Emails and e-newsletters
- b. Social media platforms (e.g., LinkedIn, Facebook)
- c. Webinars or virtual conferences
- d. Printed publications (e.g., Actuarial Review magazine)
- e. CAS Website
- e. Other (please specify)

B55. To what extent do you agree with the following statement? Communications from the Casualty Actuarial Society are clear, easily understood, and helpful.

- a. Strongly disagree
- b. Disagree
- c. Neutral
- b. Agree
- a. Strongly agree

If a or b, what specific improvements would you suggest?

B56. Have you ever faced challenges in accessing or finding specific communications or resources from the Casualty Actuarial Society? (Yes/No) If yes, please identify the topic and describe the difficulties you encountered.

B57. Would you participate in an online discussion forum hosted by the CAS for CAS members and others to discuss actuarial topics?

- a. Yes
- b. No
- c. Unsure

Publications

B58. Please indicate the frequency that you read or reference and the quality of the following actuarial materials:

	FREQUENCY			QUALITY		
	Never	Occasionally	Frequently	Low	Medium	High
1. <i>The Actuarial Review</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. <i>ASTIN Bulletin</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. <i>CAS E-Forum</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. <i>CAS Web Site</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. <i>Insurance: Mathematics and Economics</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. <i>Journal of Actuarial Practice</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Materials from CAS-sponsored meetings/seminars	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. <i>North American Actuarial Journal</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. <i>Variance</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. <i>The Actuary</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other (SPECIFY) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B59. How satisfied are you with the following aspects of CAS publications?

	Satisfi ed At All	Not Somewhat Dissatisfied	Neutral	Somewhat Satisfied	Very Satisfi ed	No Opinion
1. Improvement over the past five years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Content	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Organization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Frequency.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Format	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Availability.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. CAS Web Site Search Tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B60. How do you access the Actuarial Review magazine? (Print, Online, or N/A)

B61. Please provide additional comments on CAS publications:

Professionalism

B62. Should all members be required to periodically attend a course on Ethics/Professionalism? (CHECK ONLY ONE)

- 1. Yes, for all members
- 2. Yes, only for members who are providing actuarial services
- 3. No

Professional Education

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)
.....

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 (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) _____

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.

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

Diversity, Equity and Inclusion (DE&I)

The CAS is committed to fostering a diverse and inclusive actuarial community in which all members are encouraged to contribute to the advancement of the profession. Through the CAS Strategic Approach to DE&I, the CAS has pledged to take steps to promote equality of opportunity along the entire actuarial career path and to foster a sense of belonging and community among members of all identities.

B95. Rate your agreement with each statement below – (*Strongly Disagree, Disagree, Neutral, Agree, Strongly Agree*)

1. Diversity of thought or opinion is welcome, valued, and respected within the P&C actuarial profession
2. Diversity of thought or opinion is welcomed, valued and respected at the CAS
3. I feel comfortable and respected by my fellow CAS members when I offer a different opinion or perspective on a professional issue.
4. I feel comfortable and able to offer my opinion on a professional issue to the CAS even if my opinion is different from others.

B96. How would you describe the CAS's efforts at building a more diverse actuarial profession?(CHECK ONLY ONE)

- Unnecessary – The CAS should not devote any resources to building a more diverse actuarial profession
- Excessive – The CAS should decrease the resources it devotes to building a more diverse actuarial profession
- Appropriate - The CAS devotes an appropriate amount of resources to building a more diverse actuarial profession
- Insufficient - The CAS should increase the resources it devotes to building a more diverse actuarial profession
- Unsure - Not sufficiently aware of the CAS' efforts in this area

B97. In 2022, the CAS adopted the current [Strategic Approach to DE&I](#). As part of that strategy, the CAS identified several tactics to promote equity of opportunity along the entire actuarial career path and to foster a sense of belonging among members of all identities.

Rate your level of agreement with each of the tactics below - Strongly Disagree, Disagree, Neutral, Agree, Strongly Agree.

The CAS should:

- A. Listen to those who best understand the challenges impacting their own communities in developing solutions to increase representation and inclusion, especially through strategic partnerships with other organizations.
- B. Narrow gaps in awareness of the actuarial profession and access to influencers and role models impacting underrepresented groups.
- C. Set goals for improved awareness of the profession in the United States as measured by the distribution of students early in the pipeline to support transparency and accountability.
- D. Increase the financial accessibility of our credentialing program.
- E. Encourage equal opportunities for members to develop and advance to leadership within CAS volunteer roles.
- F. Offer optional continuing education for general business skills related to diversity, equity, and inclusion.
- G. Advance the body of knowledge of the P&C actuarial profession through research and education on issues of unintended bias in insurance.
- H. Work closely with international partners in support of diversity and inclusion efforts outside of the United States.

B98. Rate your agreement with the activities that CAS is currently pursuing as part of the CAS Strategic Approach to DE&I below – *Strongly Disagree, Disagree, Neutral, Agree, Strongly Agree, NA/Don't Know Enough to Answer*

The CAS should continue to:

- 1. Sponsor and advertise through actuarial affinity organizations, such as the International Association of Black Actuaries (IABA), to expose under-represented groups to the CAS.
- 2. Sponsor and advertise through non-actuarial organizations, such as the Association for Women in Mathematics (AWM) to expose under-represented groups to the CAS.
- 3. Evaluate and enhance our accommodations for candidates or members with disabilities.
- 4. Host "Be An Actuary" events to expose high school students to the actuarial profession.
- 5. Provide exam fee reimbursements to exam candidates who have demonstrated financial need.
- 6. Provide exam fee reimbursements to attract and encourage exam candidates from groups historically underrepresented in the profession.
- 7. Share articles about the experiences of people from different identity groups, such as articles about LGBTQ+ Pride Month.

International

B99. Based on your CAS qualification, do you have recognition (at an equivalent level) from one or more actuarial societies other than the CAS, CIA, AAA, or IAA?

1. Yes (SPECIFY) _____, _____, _____ 2. No

B100. Are there other actuarial societies from which you are trying to obtain recognition?

1. Yes (SPECIFY) _____, _____, _____ 2. No

B101. Which actuarial organizations do you see as alternatives to the CAS for Non-Life actuarial training? For each organization please indicate whether the training is superior, about equal to the CAS, or inferior.

Inferior Training About The Same Superior Training

Alternative Organization

to CAS

as CAS

to CAS

1. _____

2. _____

3. _____

4. _____

**B102. What are the advantages you see of the CAS training over available global alternatives?
Explain:**

**B103. What are the limitations you see of the CAS training over available global alternatives?
Explain:**

Data Science

**B104. Please indicate your level of agreement with the following statements:
(Strongly Disagree to Agree)**

- A. I have a high-level of knowledge of Data Science
- B. Actuaries are ideal candidates for performing Data Science functions
- C. Data Science will create significant new career opportunities for actuaries

B105. Are you directly involved in Data Science activities in your company?

- A. Yes
- B. No
- C. Occasionally

B106. Please indicate your company's level of involvement in Data Science in response to the following questions:

(Not At All Involved to Very Involved, N/A)

- A. If you work for an insurance or reinsurance company, how entrenched is Data Science in your company's operations?
- B. If you work for a consulting or brokerage firm, how big a role do Data Science services play in your firm's overall client services?
- C. If your organization has an Data Science function, how involved are its casualty actuaries?

B107. Should the CAS alter its current emphasis on Data Science? (CHECK ONLY ONE)

- A. Greatly reduce
- B. Reduce somewhat
- C. Do not alter
- D. Increase somewhat
- E. Greatly increase

B108. What percent of their time, in aggregate, do the actuaries at your company spend on Data Science? (CHECK ONLY ONE)

- A. 0% – 10%
- B. 11% – 30%
- C. 31% – 50%
- D. More than 50%
- E. I don't know

B109. Does your company have a Chief Data Science Officer?

- A. Yes
- B. No
- C. I don't know

B110. What is the background of the Chief Data Science Officer of your company? (CHECK ALL THAT APPLY)

- A. Certified Specialist in Predictive Analytics (CSPA)
- B. Fellow of the CAS
- C. Associate of the CAS
- D. Fellow of the SOA
- E. Other actuarial
- F. MBA
- G. MSDS
- H. Certified Analytics Professional (CAP)
- I. Data Science Council of America (DASCA) Senior Data Scientist (SDS)
- J. Data Science Council of America (DASCA) Principle Data Scientist (PDS)
- K. Open Certified Data Scientist (Open CDS)
- L. SAS Certified Data Scientist
- M. Google Certified Professional Data Engineer
- N. Non-credentialed Data Scientist
- O. Don't know
- P. Other (SPECIFY)

B111. What professions are the CAS's chief competition in the field of Data Science? (CHECK ALL THAT APPLY)

- A. Data Scientist
- B. Data Analyst
- C. Data Engineer
- D. Machine Learning Engineer
- E. Business Analyst
- F. Data Architect
- G. Statistician
- H. Data Visualization Specialist
- I. Research Scientist
- J. Data Journalist
- K. AI
- L. Other (SPECIFY)

Administration

B112. Who pays for your CAS-related costs (excluding amounts reimbursed by the CAS)?

	I Pay All	I Pay Some	My Employer Pays All	Waived (only included for CAS Dues option)
1. CAS Dues.....				
2. CAS Meeting/Seminar Registration Fees ...				
3. Travel Expenses to Meetings/Seminars.....				
4. CAS Volunteer Activities				

B113. If you were asked to pay for all of the following yourself, would you?

	Yes, But Yes	Less Often	No
1. CAS Meeting/Seminar Registration Fees.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Travel Expenses to Meetings/Seminars.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. CAS Volunteer Activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. CAS Dues.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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?

b. should the CAS provide?

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

1.

2.

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.

2.

OPTIONAL:

To be entered into the drawing for an Amazon gift card, please include your contact information:

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