General Insurance by the numbers. 2006 First practiced by ancient Chinese and Babylonian traders, General Insurance, also known as Property and Casualty or Non-Life Insurance, has played a critical role in the evolution of modern society. An immense field today, it continues to grow in size and complexity. As increased globalization, and new economies and volatilities emerge, so do new opportunities—especially for risk-focused professionals that seek to solve the unprecedented challenges faced by companies and countries around the world. **\$1.55**¹ \$1.97 **TRILLION TRILLION** Direct Direct **NONLIFE INSURANCE PREMIUMS** premiums premiums written written **COVERING CATASTROPHES** THE WINDS OF CLIMATE CHANGE ARE BLOWING With major natural and man-made catastrophes — Over the last 30 years, weather events have driven up the value of insured losses earthquakes, floods, hurricanes, acts of terrorism around the globe, specifically in the US—a trend that is expected to keep growing.² and more — the last few decades have been costly for insured catastrophic losses. Man-made disasters Weather-related natural catastrophes since the 80s² Earthquake, tsunami \$18 BILLION 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 drought losses to publicly \$32 BILLION total loss to US property/casualty insurers due to extreme weather in 2011² WHAT ELSE IS DRIVING THE INDUSTRY? As the number of vehicles on the road rises at record rates, the introduction of driverless cars could all but eliminate auto insurance premiums in the future — causing significant challenges for the market. possible decrease in future claims as a result of 1.7 BILLION Cars on the road by 20358 driverless **\$2()()** BILLION auto insurance premiums written each year in the US alone¹⁰ 2002: 16 2002: 812 2030: 849 2030: 269 MARKET COMPARISON¹ Average annual Average annual growth rate: 10.6% growth rate: 0.2%Vehicles per 1000 people Today, China is the 7th-largest general insurance market.9 2023 2013 In just 10 years, it will be #2. \$31.10 \$19.57 \$123.0 \$57.42 **CAREER OUTLOOK FOR ACTUARIES** 533,100 \$87,650 **SALARY WORKERS EXPECTED GROWTH** in Property/Casualty for U.S. actuaries in in number of actuaries insurance in 20106 employed by insurance 2010 (median pay)¹² WORLD INSURED CATASTROPHE LOSSES⁶ companies in the US between 2010-2020¹² The Society of Actuaries' (SOA) General Insurance track to Fellowship gives candidates the rigorous



training and skills they need to make a difference in this fast-moving field.

4 MODULES

Practical and in-depth modules, unique to the SOA

Rigorous and robust educational pathway to Fellowship

Different tracks to fellowship through the SOA

- Corporate Finance and ERM
- General Insurance
- Group and Health
- Individual Life and Annuities
- Quantitative Finance and Investment
- Retirement Benefits

Number of global actuarial professionals in the SOA network

2011

Learn more about the General Insurance pathway to the FSA at soa.org/general-ins



1. Swiss RE, sigma, N. 2/2013. 2. McHale, Cynthia, and Sharlene Leurig. "Stormy Future for U.S. Property/Casualty Insurers: The Growing Costs and Risks of Extreme Weather Events." CERES, Sept. 2012. 3. Best's News Service, "University of Illinois: Crop Insurers Could Face Underwriting Losses of \$18B," August 27, 2012. Retrieved online from http://www3.ambest.com/ambv/bestnews/newscontent.aspx?AltSrc=105&RefNum=159603. 4. NOAA National Climatic Data Center. Retrieved online from http://www.ncdc.noaa.gov/extremes/records. 5. ©2013 Munich Re, Geo Risks Research, NatCatSERVICE. As of January 2013. 6. The Insurance Fact Book 2012. Insurance Information Institute, 2012. 7. Sousanis, John. "World Vehicle Population Tops 1 Billion Units." WardsAuto 15 Aug 2011. 8. LeBeau, Philip. "Whoa! 1.7 Billion Cars on the Road by 2035." CNBC.com 12 Nov 2012. 9. "China's Growing General Insurance Market: A Bright Future. "Towers Watson Emphasis Volume 3 (2011): 21-25. 10. Mui, Chunka. "Will Auto Insurers Survive Their Collision with Driverless Cars?" (Part 6)" Forbes.com 28 March 2013. 11. Newman, Graeme. "A Future Filled With Driverless Cars." Insurance Journal.com 11 Feb 2013. 12. Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2012-13 Edition, Actuaries. Retrieved online from http://www.bls.gov/ooh/math/actuaries.htm. 13. Dargay, Joyce, Gately, Dermot and Sommer, Martin. "Vehicle Ownership and Income Growth, Worldwide: 1960-2030," Energy Journal, 2007, Vol. 28, No. 4. Retrieved online from http://www.iaee.org/en/publications/ejarticle.aspx?id=2234.