

*2025 Spring National Meeting
Indianapolis, Indiana*

BIG DATA AND ARTIFICIAL INTELLIGENCE (H) WORKING GROUP

Tuesday, March 25, 2025

11:00 a.m. – 12:00 p.m.

Meeting Summary Report

The Big Data and Artificial Intelligence (H) Working Group met March 25, 2025. During this meeting, the Working Group:

1. Adopted its March 11 minutes. During this meeting, the Working Group took the following action:
 - A. Adopted its 2024 Fall National Meeting minutes.
 - B. Received an update on the health artificial intelligence (AI)/machine learning (ML) survey.
 - C. Reviewed its 2025 charges, including those of the AI systems evaluation workflow.
 - D. Discussed updates to the regulatory framework for the use of AI systems.
 - E. Discussed a preview of its Spring National Meeting agenda.
2. Heard a presentation from Commissioner Michael Humphreys (PA) and Shannen Logue (PA) on the health AI/ML survey. The survey was conducted under the market examination authorities of 16 requesting states (CO, CT, IA, IL, LA, MD, MN, ND, NE, OK, OR, PA, VT, VA, WI, and WV) and completed by active insurers that either: 1) wrote business in one or more of the participating 16 states and had at least \$250 million in countrywide earned premiums in 2023; or 2) held a significant market share in one or more of the participating states. The Working Group anticipates the full report will be available for the public in April.
3. Received an update from Commissioner Humphreys and Commissioner Doug Ommen (IA) on the regulatory framework for the use of AI systems. They outlined a road map for ensuring the responsible use of AI. The Working Group received input from state insurance regulators, consumer representatives, and industry representatives. It will continue to discuss evaluation tools, including a standardized self-assessment questionnaire, to help assess how AI is used within insurance companies.
4. Heard a presentation from NAIC staff on how missing data is treated and its implications in ratemaking. The discussion covered examples of situations where missing data can arise and how it may be treated in ratemaking. It was noted that a “missing” or an “unknown” category may not satisfy Actuarial Standard of Practice (ASOP) 12, *Risk Classification (for All Practice Areas)*, as a valid risk characteristic since it may represent a heterogeneous group of risks. Including such categories may result in biased rating plan factors.