

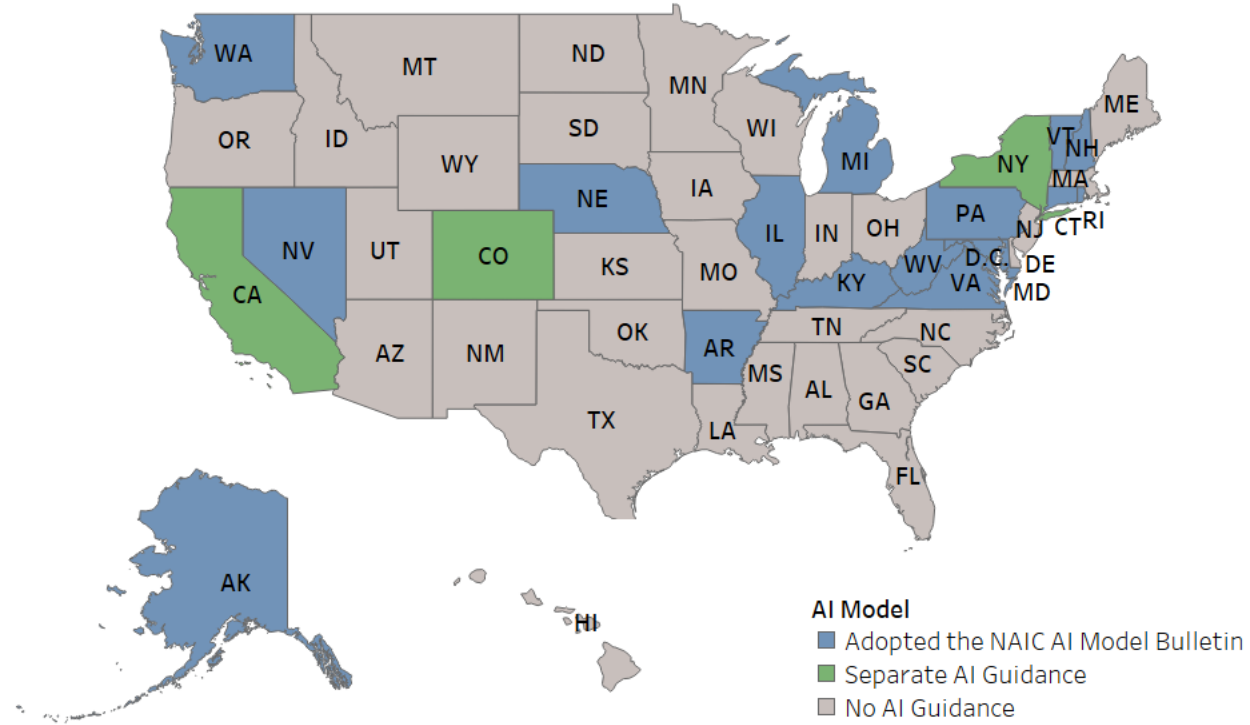
# A Regulatory Update:

How to innovate using ECDIS (External Consumer Data & Information Sources) while keeping consumers & regulators calm

## Panelists:

**Dr. Deborah Van Dommelen**, Medical Director at Guardian  
**Hareem Naveed**, 2nd VP, Integrated Analytics at Munich Re  
**John Allen**, Regulatory Compliance Counsel at MIB

## State Regulatory Guidance for Insurers Using ECDIS, Algorithms, Predictive Models or Artificial Intelligence



**“Unfairly Discriminate” and “Unfair Discrimination” shall have the same meaning as set forth in §10-3-1104.9,C.R.S.**

(e) “Unfairly discriminate” and “unfair discrimination” include the use of one or more external consumer data and information sources, as well as algorithms or predictive models using external consumer data and information sources, **that have a correlation to race, color, national or ethnic origin, religion, sex, sexual orientation, disability, gender identity, or gender expression**, and that use results in a disproportionately negative outcome for such classification or classifications, which negative outcome exceeds the reasonable correlation to the underlying insurance practice, including losses and costs for underwriting.

# Colorado Governance Regulation

## Traditional Data

(CO Proposed Testing Regulation)

- **Application Information** -provided by or on behalf of the individual to whom the information relates in response to questions for insurance, including medical information, family history, and disability
- **Occupation information**, based on actuarially sound principals, that has a direct relationship to mortality, morbidity, or longevity risk
- **Behavioral information** related to a specific individual, including **motor vehicle records** and **criminal history** of non-juvenile felony conviction that, has a direct relationship to mortality, morbidity or longevity risk
- **MIB data** (Code Solutions)
- **Prescription drug history**
- **Financial Information** (Income, tax, assets, or other elements of a specific person's financial profile provided on an application for insurance by the applicant)

Digitized or other electronic forms of data

## External Consumer Data & Information Sources "ECDIS"

(CO In Force Governance Regulation)

- Data or information source used to supplement or supplant traditional UW factors to establish lifestyle indicators
- Credit Scores
- Social Media Habits
- Locations
- Purchasing Habits
- Home Ownership
- Educational Attainment
- Licensures
- Civil Judgments / Court Records
- Occupation that does not have a direct relationship to mortality, morbidity or longevity risk
- Consumer-generated (IoT)Internet of Things data
- Biometric Data

Includes risk scores derived from above list