prognos
health

Underwriting Risk Predictor

Why curve your way to underwriting speed and accuracy when Prognos can give you straight answers — in seconds.

The path to accurate predictive underwriting doesn't have to be long and winding. Prognos Health's Underwriting Risk Predictor streamlines the process by harnessing the power of machine learning algorithms applied to the Prognos Health Registry, the industry's largest registry of multi-source harmonized laboratory data. Underwriting Risk Predictor is built on the AI-powered prognosFACTOR® platform that harmonizes and enriches the clinical test results of more than 325 million lives.
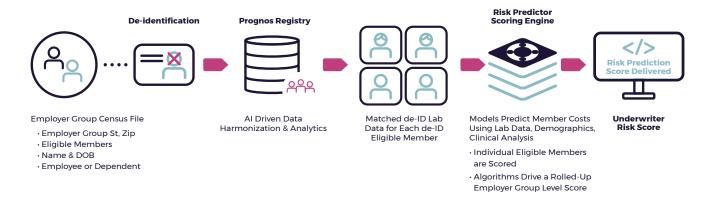
The Prognos Difference

Insurers are faced with the challenge of rapidly and accurately quoting group insurance. Traditional actuarial information sources do not fully account for the actual health of the groups to be quoted, instead relying on statistics and probability to predict the financial impact.

Unlike solutions that rely primarily on prescription history, Underwriting Risk Predictor leverages the clinical and diagnostic value of laboratory data to predict the future cost of medical care. Laboratory values are an unambiguous indicator of the presence of disease and inform over 70% of clinical decisions. Clinical laboratory and pathology values provide clear insights into the health of an individual, where prescription data can be ambiguous with respect to specific disease states.

Getting started is simple and the results are unequalled in the industry. Upon receiving a de-identified employer census, it is matched against our clinical registry where highly-trained models produce a reliable risk score that captures clinically-based health insights. The risk prediction score for each employer group is based on relative projected per member annual cost and a projected per member per month (PMPM) cost.

Implementing the Prognos Underwriting Risk Predictor Solution

De-identification → **Prognos Registry** → **Risk Predictor Scoring Engine** → Risk Prediction Score Delivered

Employer Group Census File
- Employer Group St, Zip
- Eligible Members
- Name & DOB
- Employee or Dependent

AI Driven Data Harmonization & Analytics

Matched de-ID Lab Data for Each de-ID Eligible Member

Models Predict Member Costs Using Lab Data, Demographics, Clinical Analysis
- Individual Eligible Members are Scored
- Algorithms Drive a Rolled-Up Employer Group Level Score

Underwriter Risk Score

Benefits

Underwriting Risk Predictor delivers a group-level risk score and projected PMPM medical spend that can be easily integrated into your risk calculations to set premiums with greater confidence.

Address the lack of information about small and medium-sized employer group members.

Leverage the most current clinical member information that impacts prediction confidence including exact and most recent health conditions with insights on progression, severity, and co-morbidities.

Overcome the latency and limitations of medical claims.

See how Prognos' Underwriting Risk Predictor delivers powerful insights to improve your predictive risk assessment.
Contact payer@prognoshealth.com

ABOUT PROGNOS HEALTH