

CreditorWatch's unique data



CreditorWatch set themselves apart by providing unique data not accessible anywhere else. In total, you will have access to over 50 public and private data sources to inform your risk decisions better.



Payment defaults

Mercantile enquiries

CreditWatch credit enquiries

Xero and MYOB transactional data

Corporate ATB data

Georisk and geodemographic data

ATO tax default data



ASIC

ABR

Australian courts

AFSA Bankruptcy

Insolvency notices



CreditorWatch data types



CreditorWatch's 55,000+ customers deliver over ten million monthly trade lines from small, medium and large businesses. This unique business-to-business transaction data includes both positive and negative repayment behaviour from corporate ATB uploads and SME payment data from Accounting Software Integrations. CreditorWatch is the only Australian bureau to gather payment information directly from small businesses and was the first globally to create a one-click integration with accounting software. The unique trade payment data gathered through this integration is the most predictive early warning indicator of future defaults and credit risk.

CreditorWatch collects a wide range of business demographic data. they also use advanced feature engineering to enrich the data, resulting in a comprehensive range of predictors:

- **Geographic risk clusters** derived from aggregated transactional and socioeconomic data capture the insolvency risk associated with business location.

- **Natural language processing** is applied to business names in order to classify high-risk business types. This offers a more granular look at industry risk, complementing our ANZSIC industry classifications database.

- A wide range of additional risk factors that capture **maturity, scale, entity type, industry, tax status and management structure.**

ABR, ASIC and Courts databases capturing high-risk events including judgements, bankruptcies, insolvencies and other adverse risk indicators.

*Unique to CreditorWatch

RiskScore & payment ratings

RiskScore is designed using cutting-edge methodologies including proprietary methods developed by Open Analytics' research team.

- Clustering algorithms (PCA and T-SNE)
- Natural language processing
- Proprietary discretization method (signal to noise optimizer)
- Advanced predictive modelling methods

Segmented scoring algorithm

Eight separate credit scoring models based on entity type and tax status. This approach captures differences in the correlations between individual risk drivers and insolvency risk for different business types.

- Large entities (\$50m+ turnover)
- Public companies
- Private companies, GST
- Private companies, No GST
- Sole traders
- Partnerships and other unincorporated
- Trading trusts
- Investment trusts

Advanced machine learning methodologies

Balanced factor mix dynamic vs structural

Models are designed with a balanced mix of dynamic (behavioural) and structural (demographic) factors, providing a wholistic assessment of creditworthiness. In contrast to traditional bureau scores, the models are not skewed to negative information or a demerit system.

Model factor summary

Factor Class	Factor	Private Companies	Public Companies	Trusts	Sole Traders
Behaviour - Transactional	Trade arrears category	Y	Y	Y	Y
	Number entities watched last 12 months	Y	Y	Y	Y
	Number of 60+ days past due invoices last 12 months	Y			
	Value of 60+ days past due invoices last 12 months	Y			
	Value of 30+ days past due invoices last 12 months				Y
	Value of 1 to 29 days past due invoices last 12 months				Y
	Number trade lines active current month	Y			
Behavioural - High risk flags	Invoice default last 12 months	Y	Y	Y	Y
	Mercantile enquiry last 12 months	Y	Y	Y	Y
Demographic - GeoRisk	ASIC public notice last 12 months (insolvency)	Y	Y	Y	
	Total dollar value court judgements last 12 months	Y			
	Court action last 12 months		Y	Y	Y
	adverse cross directorship	Y			
Demographic - Maturity	GeoRisk index - rent and mortgage cost decile	Y			Y
	GeoRisk index - unemployment decile	Y			Y
Demographic - Business risk	State				Y
	Age of entity	Y	Y	Y	Y
	Time at current address	Y	Y		Y
Demographic - Business risk	Number addresses last 36 Months	Y			Y
	Type of entity	Y	Y	Y	Y
	Number of directors	Y	Y	Y	
	No registered ABN (ACN only)	Y			
	Not for profit (ACNC flag)		Y		
	GST registered	Y	Y	Y	Y
	Ever GST registered				Y
Industry and text mining factors	Industry category	Y	Y		Y
	Text mining risk category	Y	Y		
Geographic risk factors	Behavioural factor count	10	5	4	6
	demographic factor count	11	8	4	10

Industry and text mining factors Unique data

Geographic risk factors

Trade payments history