

Assess property hazards & portfolio risk across the country

The property risk solution from Athenium Analytics delivers actionable intelligence on both structural and natural hazard risks for any U.S. property. This offering combines computer vision technology developed for the U.S. military with powerful risk analytics trusted by top global insurance carriers. Together, these property intelligence reports enable you to analyze, quantify and mitigate risk across your portfolio.

- Analyze your book of business nationwide
- Quantify replacement costs using local data
- Assess the true threat of storms & perils
- Write new business & inform policy renewals
- Model local/regional risk appetite & capacity
- Generate accurate pricing & rating data

Send your book of business, get actionable insights for each address

Structural risk attributes

Variables include: Replacement costs, year built, number of stories, building square footage, construction type, occupancy, roof footprint, roof condition, roof condition (sub data), roof type, roof material, solar panels, skylights, vegetative overhang, In-ground pools, above-ground pools, trampolines

Natural hazard risk scores

Perils include: Hail, straight-line wind, tornado, ice storm, winter storm, intense rainfall, river flood, flash flood, hurricane wind, hurricane surge, wildfire, earthquake



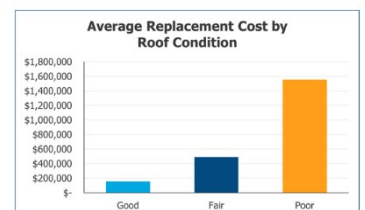
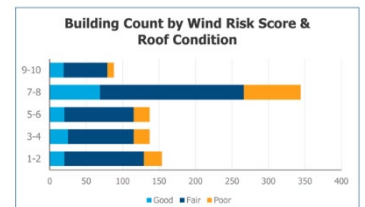
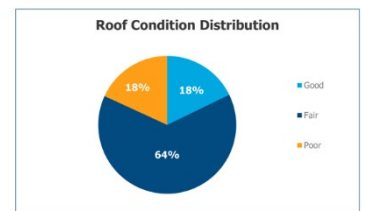
Address	Zip Code	Geolocation Latitude	Geolocation Longitude	Roof Footprint (Sq. Ft.)	Primary Roof Type	Primary Roof Material	Roof Condition	Year Built	Number of Stories	Building Sq Ft.	Replacement Costs	Construction Type	Hall History Count	Risk Score: Hall	Risk Score: Rainfall	Risk Score: Wind	Risk Score: Flash Flood	Risk Score: V
2224 West Southern Ave	85282	33.39323976	-111.9718689	17156	flat	polymembrane	poor	1983	1	16401	\$966,674	CONCRETE	2	2	3	4	1.5	1
17777 West Westar Dr	85338	33.32581684	-112.432095	12193	flat	polymembrane	fair	2003	1	75779	\$12,774,389	CONCRETE	2	1	3	4	1.1	1
1750 West Roller Coaster	85704	32.30188964	-111.0026195	32202	gable	shingle	fair	1987	1	86209	\$13,728,463	STEEL FRAME	2	2	4	4	0.5	1
1955 Assunta Way	95124	37.27157028	-121.9280582	3348	hip	shingle	good	1958	1	1947	\$169,292	WOOD FRAME	0	1	3	1	2.9	1
1503 Alta Glen Dr	95125	37.29550146	-121.9096159	1166	gable	shingle	good	1981	3	2462	\$197,723	WOOD FRAME	0	1	3	1	2	1

How does the property risk report work?

This service leverages proprietary **risk modeling** and **aerial imagery analytics** cross-checked with reliable property & structural data to generate clear and actionable risk intelligence. Computer vision algorithms analyze each address and generate a full list of risk attributes to help you assess exposures across your portfolio.

Delivery

Simply send us your book of business and you'll receive back a detailed list of risk scores and attributes for each address. The reports are delivered via a flat file, allowing you to easily review, sort or export your risk data for further review. **API delivery may be possible for high-volume clients.**



Request a quote: www.athenium.com/products/property-risk-analytics/