Texas Windstorm Insurance Association 2024 Catastrophe Year Disclosure to the Commissioner Section 2210.453 of the Texas Insurance Code and 28 Texas Administrative Code §5.4160

Dis	sclosure Requirement	Model #1	Model #2
\$5.4160(d)(1)	The hurricane model or models the Association relied on, including the model vendors, the model names, and the versions of each model;	Model Vendor: Risk Management Solutions, Inc. (RMS) Model Name: North Atlantic Windstorm Model Model Version: RMS RiskLink 23.0 Windstorm/Hurricane and Convective Storm (WS/CS)	Model Vendor: Verisk Corporation Model Name: Verisk Tropical Cyclone Model for the United States Model Version: Verisk Touchstone 10.0 Tropical Cyclone (TC) and Severe Thunderstorm (ST)
§5.4160(d)(2)	The in-force date and the total amount of direct exposures in force for the policy data used as the input for each hurricane model the association relied on;	In-force Date: 11/30/2023 Direct Exposures: Total Insured Values (TIV): \$113,543,081,019 Total Policy Limits: \$104,780,129,508 Risk Count: 256,479	In-force Date: 11/30/2023 Direct Exposures: Total Insured Values (TIV): \$113,543,081,019 Total Policy Limits: \$104,780,129,508 Risk Count: 256,479
§5.4160(d)(3)	All user-selected hurricane model input assumptions used with each hurricane model the association relied on;	Assumptions: - All Perils (Windstorm/Hurricane and Severe Convective Storms). - Aggregate Annual Loss estimate. - Windstorm frequency -RMS 2023 Historical (Long Term) Event Rates. - Severe Convective Storm frequency - RMS 2013 Stochastic Event Rates (High and Low frequency). - With post-event loss amplification (PLA) ("Demand Surge") for Windstorm /Hurricane; Severe Convective Storm excludes loss amplification. - Without Storm Surge.	Assumptions: - All Perils (Tropical Cyclone - Wind and Severe Thunderstorm). - Aggregate Annual Loss estimate. - Tropical Cyclone frequency - 10K US AP (2022) Standard (Std) event set. - Severe Thunderstorm frequency - 10K US AP (2022) - Standard. - With Demand Surge for Tropical Cyclone - Wind and Severe Thunderstorm. - Without Storm Surge.
§5.4160(d)(4)	The one-in-100-year probable maximum loss model output produced by each hurricane model the Association relied on;	One-in-100-year PML: \$5,331,030,216	One-in-100-year PML: \$6,690,067,070

§5.4160(d)(If the association relied on more	Blending methodology:	Blending methodology:
5)	than one hurricane model, the	The aggregate annual loss output from each of the	The aggregate annual loss output from each of the
	methodology the association	two models described herein were combined using	two models described herein were combined using
	used to blend or average the	a weighting of 75% RMS/25% Verisk to produce	a weighting of 75% RMS/25% Verisk to produce
	hurricane model outputs,	a combined one-in-100-year aggregate loss	a combined one-in-100-year aggregate loss
	including all weighting factors	estimate of \$5,670,789,430 excluding any	estimate of \$5,670,789,430 excluding any
	used;	provision for estimated loss adjustment expenses.	provision for estimated loss adjustment expenses.
§5.4160(d)(Any adjustments the association	Adjustments:	Adjustments:
6)	or another party made to the	The combined one-in-100-year aggregate loss	The combined one-in-100-year aggregate loss
	one-in-100-year probable	estimate described in §5.4160(d)(5) was increased	estimate described in §5.4160(d)(5) was increased
	maximum loss model outputs or	by a factor of 15% to account for estimated loss	by a factor of 15% to account for estimated loss
	the blended or averaged output,	adjustment expenses to yield \$6,521,407,844.	adjustment expenses to yield \$6,521,407,844.
	including any adjustments to	This amount was rounded to the nearest \$1 million	This amount was rounded to the nearest \$1 million
	include loss adjustment	to derive the one-in-100-year probable maximum	to derive the one-in-100-year probable maximum
	expenses.	loss for the calendar year 2024 of	loss for the calendar year 2024 of
		\$6,521,000,000.	\$6,521,000,000.

Texas Windstorm Insurance Association 2023 Catastrophe Year Disclosure to the Commissioner Section 2210.453 of the Texas Insurance Code and 28 Texas Administrative Code §5.4160

Dis	sclosure Requirement	Model #3	Model #4
§5.4160(d)(1)	The hurricane model or models the Association relied on, including the model vendors, the model names, and the versions of each model;	Model Vendor: Impact Forecasting Model Name: Atlantic Tropical Cyclone and Severe Convective Storm Models Model Version: Impact Forecasting ELEMENTS 18.0 Atlantic Tropical Cyclone and Severe Convective Storm	Model Vendor: CoreLogic Model Name: CoreLogic North Atlantic Hurricane and Severe Convective Storm Models Model Version: CoreLogic Risk Quantification & Engineering (RQE) v23 North Atlantic Hurricane (HU) and Severe Convective Storm (SCS)
§5.4160(d)(2)	The in-force date and the total amount of direct exposures in force for the policy data used as the input for each hurricane model the association relied on;	In-force Date: 11/30/2023 Direct Exposures: Total Insured Values (TIV): \$113,543,081,019 Total Policy Limits: \$104,780,129,508 Risk Count: 256,479	In-force Date: 11/30/2023 Direct Exposures: Total Insured Values (TIV): \$113,543,081,019 Total Policy Limits: \$104,780,129,508 Risk Count: 256,479
§5.4160(d)(3)	All user-selected hurricane model input assumptions used with each hurricane model the association relied on;	Assumptions: - All Perils (Atlantic Tropical Cyclone - Wind and Severe Convective Storms). - Aggregate Annual Loss estimate. - Atlantic Tropical Cyclone v3.0 - Wind Only Historical (Long Term) Event Rates. - 48-State Severe Convective Storm v1.0 - All sub-perils. - With Demand Surge for Tropical Cyclone and Severe Convective Storm. - Without Storm Surge.	Assumptions: - All Perils (North Atlantic Hurricane and Severe Convective Storm). - Aggregate Annual Loss estimate. - North Atlantic Hurricane v23 – Wind Only 300k Historical (Long Term) Event Set. - Severe Thunderstorm frequency - Standard. - With Demand Surge for North Atlantic Hurricane and Severe Convective Storm. - Without Storm Surge.
§5.4160(d)(4)	The one-in-100-year probable maximum loss model output produced by each hurricane model the Association relied on;	One-in-100-year PML: \$4,580,814,760	One-in-100-year PML: \$5,023,391,036

§5.4160(d)(If the association relied on more	Blending methodology:	Blending methodology:				
5)	than one hurricane model, the	The aggregate annual loss output from each of the	The aggregate annual loss output from each of the				
	methodology the association	two models described herein were combined using	two models described herein were combined using				
	used to blend or average the	a weighting of 75% RMS/25% Verisk to produce	a weighting of 75% RMS/25% Verisk to produce				
	hurricane model outputs,	a combined one-in-100-year aggregate loss	a combined one-in-100-year aggregate loss				
	including all weighting factors	estimate of \$5,670,789,430 excluding any	estimate of \$5,670,789,430 excluding any				
	used;	provision for estimated loss adjustment expenses.	provision for estimated loss adjustment expenses.				
§5.4160(d)(Any adjustments the association	Adjustments:	Adjustments:				
6)	or another party made to the	The combined one-in-100-year aggregate loss	The combined one-in-100-year aggregate loss				
	one-in-100-year probable	estimate described in §5.4160(d)(5) was increased	estimate described in §5.4160(d)(5) was increased				
	maximum loss model outputs or	by a factor of 15% to account for estimated loss	by a factor of 15% to account for estimated loss				
	the blended or averaged output,	adjustment expenses to yield \$6,521,407,844.	adjustment expenses to yield \$6,521,407,844.				
	including any adjustments to	This amount was rounded to the nearest \$1 million	This amount was rounded to the nearest \$1 million				
	include loss adjustment	to derive the one-in-100-year probable maximum	to derive the one-in-100-year probable maximum				
	expenses.	loss for the calendar year 2024 of	loss for the calendar year 2024 of				
		\$6,521,000,000.	\$6,521,000,000.				

Exhibit A

Additional information under §5.4160(d)(3) All user-selected hurricane model input assumptions used with each hurricane model the association relied on.

RMS settings

Modeling Parameters

Portfolio	Hurricane Near Term	Hurricane Long Term	Severe Convective Storm
Vendor	RMS	RMS	RMS
Model	RiskLink	RiskLink	RiskLink
Version	23.0	23.0	23.0
In-Force	11/30/2023	11/30/2023	11/30/2023
Peril	Windstorm/Hurricane	Windstorm/Hurricane	Convective Storm
Primary Peril	Wind	Wind	Tornado
Sec Peril	None (excludes Storm Surge)	None (excludes Storm Surge)	Hail + Wind
Event Losses Include	NA	NA	Low Freq (OEP); Low+High Freq (AEP)
Country	United States	United States	United States
Currency	USD	USD	USD
PLA/DS	with Loss Amplification	with Loss Amplification	excludes Loss Amplification (not an option)
Vulnerability	Default	Default	Default
Frequency	RMS 2023 Stochastic Event Rates	RMS 2023 Historical Event Rates	RMS 2013 Stochastic Event Rates

Verisk settings

Modeling Parameters

Portfolio	Hurricane Near Term	Hurricane Long Term	Severe Convective Storm
Vendor	Verisk	Verisk	Verisk
Model	Touchstone	Touchstone	Touchstone
Version	10.0	10.0	10.0
In-Force	11/30/2023	11/30/2023	11/30/2023
Peril	Tropical Cyclone - Wind	Tropical Cyclone - Wind	Severe Thunderstorm
Sec Peril	None (excludes Storm Surge)	None (excludes Storm Surge)	Hail + Straight-Line Winds + Tornado
Country	United States	United States	United States
Currency	USD	USD	USD
PLA/DS	with Demand Surge	with Demand Surge	with Demand Surge
Frequency	10K US AP (2022) - Warm SST	10K US AP (2022) - Standard	10K US AP (2022) - Standard
Financial Settings	Disaggregation: ON; Average Proper	ties: Automatic; For Invalid Con/Occ Pairs	s: Use System Default;
All Perils	Apply location terms for residential of	ontracts: Deductibles before limits	

IF settings

Modeling Parameters

Portfolio	Hurricane Near Term	Hurricane Long Term	Severe Convective Storm
Vendor	Impact Forecasting	Impact Forecasting	Impact Forecasting
Model	ELEMENTS	ELEMENTS	ELEMENTS
Version	18.0	18.0	18.0
In-Force	11/30/2023	11/30/2023	11/30/2023
Peril	Atlantic Tropical Cyclone v3.0 - Wind	Atlantic Tropical Cyclone v3.0 - Wind	Severe Convective Storm
Sec Peril	None (excludes Storm Surge)	None (excludes Storm Surge)	All subperils
Country	United States	United States	United States
Currency	USD	USD	USD
PLA/DS	with Demand Surge	with Demand Surge	with Demand Surge
Vulnerability	Default	Default	Default
Frequency	Near-Term	Long-Term	48-State Severe Convective Storm v1.

CL settings

Modeling Parameters

Portfolio	Hurricane Near Term	Hurricane Long Term	Severe Convective Storm
Vendor	CoreLogic	CoreLogic	CoreLogic
Model	Risk Quantification & Engineering (RQE)	Risk Quantification & Engineering (RQE)	Risk Quantification & Engineering (RQE)
Version	23.0	23.0	23.0
In-Force	11/30/2023	11/30/2023	11/30/2023
Peril	North Atlantic Hurricane - Wind	North Atlantic Hurricane - Wind	Severe Convective Storm
Sec Peril	None (excludes Storm Surge)	None (excludes Storm Surge)	All subperils
Country	United States	United States	United States
Currency	USD	USD	USD
PLA/DS	with Demand Surge	with Demand Surge	with Demand Surge
Frequency	Hurricane, North Atlantic - U.S. Mainland	Hurricane, North Atlantic - U.S. Mainland	Severe Convective Storm, U.S
	Landfalling/Bypassing - Near Term	Landfalling/Bypassing	Optimized

General Information about exposure data for model inputs

- Data is current as of November 30, 2023.
- Each record in the data set represents one risk, defined as a single building and/or location.
- The data included 246,415 policies and 256,479 locations.
- The following process is taken for geocoding:
 - 1. Import/geocode in Verisk.
 - 2. Convert to RMS and preserve user supplied lat/long include in the Verisk import files.
 - 3. Geocode in RMS using the user supplied lat/long.
 - 4. Utilize geocoded county detail for reporting purposes.
- The perils of hurricane and tornado/hail will be modeled in RMS RiskLink v23.0,
 Verisk Touchstone v10.0, IF ELEMENTS v18.0, and CL RQE v23.0.
- The data was reported with a "Wind Excluded" flag of N for all policies.
 Therefore, all policies will be assumed to be covered for hurricane.
- All data assumptions to follow will be based on 246,415 policies and 256,479 locations.

Deductibles

 Building and Contents deductibles were reported as coverage level for Commercial, Residential, and Mobile Home and will be modeled as reported.

Limits and Values

Limits and values were provided for Building, Contents and Time Element. There
were no limits or values provided for Appurtenant Structures. It is included in the
Building coverage. Per TWIA's instruction, only the value field should be used as
model input. The reported coverage limit is to be used where the reported value is
zero (no cases in this data set).

Site blanket limits were provided for all records as the sum of the site coverage limit fields subject to the statutory limits. These will be used to cap losses at the site level.

Risk Characteristics

• Construction was reported and will be modeled as follows:

Asbestos/Stucco/Cen 16,952,200 180 1 101 5050 Brick 442,180,300 1,068 2 111 5100 Brick Veneer 40,767,700 103 1 103 5050 Brick/Stone/Veneer 56,146,668,780 128,853 1 103 5050 Fire Resistive 8,436,000 4 3 131 5150 Frame 32,708,643,460 94,420 1 101 5050	TIM MAS TIM TIM RC TIM TIM TIM TIM MAS
Brick Veneer 40,767,700 103 1 103 5050 Brick/Stone/Veneer 56,146,668,780 128,853 1 103 5050 Fire Resistive 8,436,000 4 3 131 5150	TIM TIM RC TIM TIM TIM MAS
Brick/Stone/Veneer 56,146,668,780 128,853 1 103 5050 Fire Resistive 8,436,000 4 3 131 5150	TIM RC TIM TIM TIM MAS
Fire Resistive 8,436,000 4 3 131 5150	RC TIM TIM TIM MAS
• •	TIM TIM TIM MAS
Frame 32,708,643,460 94,420 1 101 5050	TIM TIM MAS
	TIM MAS
Frame (ISO 1) 6,467,356,880 9,698 1 101 5050	MAS
Frame or Brick Veneer 425,081,540 4,691 1 103 5050	
Masonry 2,272,017,280 5,190 2 111 5100	NAAC
Masonry (ISO 2) 2,194,953,560 3,657 2 111 5100	IVIAS
Metal 16,823,280 211 4 151 5200	STL
Other 1,754,000 67 0 100 5000	Χ
Pre-Engineered Metal 1,344,108,169 1,497 4B 152 5201	LS
Protected Steel Frame 242,275,125 121 4A4 153 5200	STL
Reinforced Concrete f 438,941,120 189 4A1 155 5200	STL
Semi-Fire Resistive 6,598,000 3 4 151 5200	STL
Semi-Wind Resistive 44,365,280 400 3C 182 5150	RC
Solid Brick or Masonry 91,778,780 1,054 2 111 5100	MAS
Solid Masonry 36,154,920 98 2 111 5100	MAS
Steel Frame (ISO 4) 1,461,071,414 907 4B 152 5201	LS
Steel w/steel posts se 2,059,000 80 4 151 5200	STL
Unknown 100,330,000 827 0 100 5000	Χ
Unknown Construction 5,930,900 186 0 100 5000	Χ
Unknown Construction 82,058,000 1,171 5 194 5353	MOB
Wind Resistive 182,823,820 1,804 3A 183 5150	RC
Total 104,780,129,508 256,479	

^{*2023} Assumptions are named "MH Tied (set based on Type of Business)"

• Occupancy was reported and will be modeled as follows:

TWIA Occupancy Type	Site Limit	RiskCount	RMS ATC Code	Verisk Code	IF Code	CL Code
Commercial	24,003,795	58	1	302	R	RES
Commercial	186,850,600	213	2	303	R	RESAPT
Commercial	327,385,065	337	22	341	EdGovOrg	COMEDU
Commercial	6,943,385	17	25	346	EdGovOrg	COMEDU
Commercial	16,523,680	22	28	355	EdGovOrg	COMAIR
Commercial	446,615,085	356	3	304	R	COMHTL
Commercial	6,047,000	35	32	481	R	MUNSAN
Commercial	5,120,612,399	10,026	37	311	Com	COM
Commercial	5,389,684,255	5,836	42	306	R	RESAPT
Commercial	20,739,705	41	44	335	Com	COM
Commercial	174,461,460	296	47	331	Com	COMHTL
Commercial	395,587,434	508	5	312	Com	COM
Commercial	46,607,120	23	54	345	EdGovOrg	COMEDU
Commercial	57,241,420	90	7	336	Com	COM
Commercial	54,543,000	55	9	316	Com	COMHC
Commercial Farm	11,788,000	92	20	373	Agri	AGR
Govermental	169,362,565	314	2	303	R	RESAPT
Govermental	166,776,000	98	25	346	EdGovOrg	COMEDU
Govermental	256,165,000	72	54	345	EdGovOrg	COMEDU
Manufactured Home	82,058,000	1,171	1	302	R	RES
Residential	110,414,980	1,351	0	300	R	RES
Residential	89,497,510,560	222,542	1	302	R	RES
Residential	829,732,860	3,043	2	303	R	RESAPT
Residential	10,106,700	297	37	311	Com	COM
Residential	1,137,045,880	9,067	42	306	R	RESAPT
Residential Farm	42,000	1	0	300	R	RES
Residential Farm	234,468,960	514	1	302	R	RES
Residential Farm	354,000	2	2	303	R	RESAPT
Residential Farm	133,000	1	37	311	Com	COM
Residential Farm	325,600	1	42	306	R	RESAPT
Total	104,780,129,508	256,479				

- The number of stories was reported and will be modeled if valid. There are 6,761 locations with no number of stories that will be modeled as unknown.
- Year built was reported and will be modeled if valid. There are 8,901 locations with
 no year built that will be modeled as unknown. Also, 0 locations with a year built
 greater than the inception date year will be reset to the inception date year. Total
 limits, by year of construction band, to be modeled will be as follows:

YearBuiltBand	SiteLimit	RiskCount
Unknown	3,832,167,374	8,901
<= 1994	51,410,857,759	147,781
1995 - 2001	11,540,547,665	24,555
2002 - 2008	15,301,147,540	31,217
>= 2009	22,695,409,170	44,025
Total	104,780,129,508	256,479

- Square footage was reported and will be modeled if valid. 1,460 locations with no square footage or square footage greater than 2M will be modeled as unknown.
 Currently, RMS only uses square footage for residential and low- rise commercial structures. For AIR, this field is only used for larger high value homes for the hurricane peril.
- The following pages includes details regarding occupancy and secondary modifier updates.

Texas Windstorm Insurance Association Data as of 11/30/2023 Occupancy

Use the field "CLASS_CD" in PC data for occupancy if provides better detail and significant TIV contribution. Otherwise use the "Occupancy_Type" reported in Location data.

TWIA Occupancy_Typ	DE TWIA CLASS CODE	Site Limit	RiskCount	% of Limit R	IMS ATC Code Ver	risk Code	IF Code CL Code	Occupancy_Type	CLASS_CODE	Site Limit	Risk Count	% of Limit RI	MS Code Ve	risk Code	IF Code CL Code
Commercial	Apartment Outbuildings and/or Business Personal Property	201,895	2	0.0%	1	302	R RES	Commercial	Canopy and/or Business Personal Property	782,000	7	0.0%	42	306	R RESAP
Commercial	Commercial Building and/or Business Personal Property	149,900	1	0.0%	1	302	R RES	Commercial	Commercial Building and/or Business Personal Property	9,580,870	33	0.0%	42	306	R RESAP
Commercial	Townhome Association and/or Business Personal Property	23,652,000	55	0.0%	1	302	R RES	Commercial	Condominium Association - Commercial and/or Business Personal Property	39,647,000	34	0.0%	42	306	R RESAP
Commercial	Apartment Building - 8+ Units on Premises and/or Business Personal Property	38,559,905	12	0.0%	2	303	R RESAPT	Commercial	Condominium Association - Habitational and/or Business Personal Property	2,422,350,930	1,868	2.3%	42	306	R RESAP
Commercial	Apartment Building - Less than 8 Units on Premises and/or Business Personal Property	18,139,090	44	0.0%	2	303	R RESAPT	Commercial	Condominium Association - Outbuildings and/or Business Personal Property	67,965,320	323	0.1%	42	306	R RESAP
Commercial	Apartment Outbuildings and/or Business Personal Property	1,175,645	1	0.0%	2	303	R RESAPT	Commercial	Deck, Dock, Pier or Wharf (Over Water)	20,000	1	0.0%	42	306	R RESAP
Commercial	Commercial Building and/or Business Personal Property	748,000	3	0.0%	2	303	R RESAPT	Commercial	Miscellaneous Items and/or Business Personal Property	2,342,000	32	0.0%	42	306	R RESAP
Commercial	Rooming & Boarding House and/or Business Personal Property	32,197,960	49	0.0%	2	303	R RESAPT	Commercial	Townhome Association and/or Business Personal Property	275,166,000	349	0.3%	42	306	R RESAP
Commercial	Townhome Association and/or Business Personal Property	95,669,000	96	0.1%	2	303	R RESAPT	Commercial	Townhome Outbuildings and/or Business Personal Property	1,476,000	13	0.0%	42	306	R RESAP
Commercial	Townhome Outbuildings and/or Business Personal Property	361,000	8	0.0%	2	303	R RESAPT	Commercial	Canopy and/or Business Personal Property	1,912,000	15	0.0%	44	335	Com COM
Commercial	Canopy and/or Business Personal Property	150,000	1	0.0%	22	341 E	dGovOrg COMEDU	Commercial	Commercial Building and/or Business Personal Property	18,827,705		0.0%	44	335	Com COM
Commercial	Church (Structure and its Business Personal Property)	213.821.105		0.2%	22		dGovOra COMEDU	Commercial	Canopy and/or Business Personal Property	3.943.900	19	0.0%	47	331	Com COMHT
Commercial	Commercial Building and/or Business Personal Property	112,031,960	129	0.1%	22	341 E	dGovOrg COMEDU	Commercial	Commercial Building and/or Business Personal Property	168,797,660	269	0.2%	47	331	Com COMHT
Commercial	Commercially Rated Dwelling and/or Business Personal Property	1,360,000	3	0.0%	22	341 E	dGovOrg COMEDU	Commercial	Commercially Rated Dwelling and/or Business Personal Property	1,719,900	8	0.0%	47	331	Com COMHT
Commercial	Miscellaneous Items and/or Business Personal Property	22,000	1	0.0%	22	341 F	dGovOrg COMEDU	Commercial	Canopy and/or Business Personal Property	175,000	2	0.0%	5	312	Com COM
Commercial	Commercial Building and/or Business Personal Property	6,943,385		0.0%	25		dGovOrg COMEDU	Commercial	Commercial Building and/or Business Personal Property	392,787,434		0.4%	5	312	Com COM
Commercial	Commercial Building and/or Business Personal Property	16,523,680	22	0.0%	28		dGovOrg COMAIR	Commercial	Commercially Rated Dwelling and/or Business Personal Property	2,625,000	4	0.0%	5	312	Com COM
Commercial	Canopy and/or Business Personal Property	20,000		0.0%	3	304	R COMHTL	Commercial	Canopy and/or Business Personal Property	10,000	1	0.0%	54		dGovOrg COMED
Commercial	Commercial Building and/or Business Personal Property	407,446,035		0.4%	3	304	R COMHTL	Commercial	Commercial Building and/or Business Personal Property	45,521,120	20	0.0%	54		dGovOrg COMED
Commercial	Commercially Rated Dwelling and/or Business Personal Property	39,059,050		0.0%	3	304	B COMHTI	Commercial	Commercially Rated Dwelling and/or Business Personal Property	1,076,000		0.0%	54		dGovOrg COMED
Commercial	Miscellaneous Items and/or Business Personal Property	90.000		0.0%	3	304	R COMHTL	Commercial	Canopy and/or Business Personal Property	600.000		0.0%	7	336	Com COM
Commercial	Canopy and/or Business Personal Property	116,000		0.0%	32	481	R MUNSAN	Commercial	Commercial Building and/or Business Personal Property	56,341,420	88	0.1%	7	336	Com COM
Commercial	Commercial Building and/or Business Personal Property	4,188,000		0.0%	32	481	R MUNSAN	Commercial	Commercially Rated Dwelling and/or Business Personal Property	300,000		0.0%	7	336	Com COM
Commercial	Miscellaneous Items and/or Business Personal Property	1,743,000		0.0%	32	481	R MUNSAN	Commercial	Canopy and/or Business Personal Property	185,000	2	0.0%	á	316	Com COMHC
Commercial	Antenna / Satellite Dish	958,000		0.0%	37	311	Com COM	Commercial	Commercial Building and/or Business Personal Property	52,423,000	_	0.1%	9	316	Com COMHC
Commercial	Apartment Outbuildings and/or Business Personal Property	490,000		0.0%	37	311	Com COM	Commercial	Commercially Rated Dwelling and/or Business Personal Property	1,935,000		0.0%	9	316	Com COMHC
Commercial	Bleachers/Stadium	114,000		0.0%	37	311	Com COM	Commercial Farm	Farm & Ranch Barn or Outbuilding and/or Business Personal Property	5,823,000	47	0.0%	20	373	Agri AGR
Commercial	Boathouse (Over Water) and/or Business Personal Property	2,035,000		0.0%	37	311	Com COM	Commercial Farm	Farm & Ranch Grain Tank and/or Business Personal Property	5,670,000		0.0%	20	373	Agri AGR
Commercial	Canopy and/or Business Personal Property	12,816,400		0.0%	37	311	Com COM	Commercial Farm	Farm & Ranch Silo and/or Business Personal Property	275,000		0.0%	20	373	Agri AGR
Commercial	Caroort (Stand Alone)	6.537.000		0.0%	37	311	Com COM	Commercial Farm	Miscellaneous Farm & Ranch Structure and/or Business Personal Property	20.000	3	0.0%	20	373	Agri AGR
Commercial	Church (Structure and its Business Personal Property)	.,,		0.0%	37	311	Com COM	Governmental	Public Housing Authority Project and/or Business Personal Property	160.006.565		0.0%	20	303	R RESAPT
		1,537,000								, ,	14		2		
Commercial Commercial	Cloth Awning Commercial and F&R Non-Dwelling - Additions (> than 10% grade floor area)	24,000 4,424,000		0.0%	37 37	311 311	Com COM Com COM	Govermental Govermental	Public Housing Authority Project Outbuildings and/or Business Personal Property	9,356,000 6,129,000		0.0%	25	303	R RESAPT dGovOrg COMED
Commercial	Commercial and F&R Non-Dwelling - Additions (> than 10% grade floor area) Commercial and F&R Non-Dwelling - New Construction	4,424,000		0.0%	37	311	Com COM	Govermental	School/Private (Structure and its Business Personal Property) School/Public (Structure and its Business Personal Property)	160,647,000		0.0%	25 25		dGovOrg COMED
				0.0%	37	311	Com COM	Governmental				0.2%			
Commercial	Commercial and F&R Non-Dwelling - Repairs and/or Improvements with No Additions	32,927,000		3.9%	37	311		Govermental	School/Private (Structure and its Business Personal Property)	16,707,000			54 54		dGovOrg COMED
Commercial	Commercial Building and/or Business Personal Property	4,089,729,989			37	311			School/Public (Structure and its Business Personal Property)	239,458,000	713	0.2%	1	345 E	dGovOrg COMED B BES
Commercial Commercial	Commercially Rated Dwelling and/or Business Personal Property	69,121,610		0.1%	37				Manufactured Home Personal Property Only	46,346,800			1	302	R RES
	Deck, Dock, Pier or Wharf (Over Water)	2,376,000				311			Manufactured Home with the Option to Add Personal Property	35,711,200		0.0%	1	302	R RES
Commercial	Dwelling and F&R Dwelling - Additions (<= 10% grade floor area)	1,395,000		0.0%	37	311		Residential		110,414,980		0.1%	0		
Commercial	Dwelling and F&R Dwelling - Additions (> 10% grade floor area)	2,760,000		0.0%	37	311	Com COM	Residential	1 Family Residence	89,300,244,060		85.2%	1	302	R RES
Commercial	Dwelling and F&R Dwelling - New Construction	510,343,400		0.5%	37	311	Com COM	Residential	Dwelling Outbuilding	197,266,500		0.2%	1	302	R RES
Commercial	Dwelling and F&R Dwelling - Repairs and/or Improvements with No Additions	33,008,000		0.0%	37	311	Com COM	Residential	2 Family Residence	565,539,260	1,917	0.5%	2	303	R RESAPT
Commercial	Fence	5,438,000		0.0%	37	311	Com COM	Residential	Building: Dwelling residential FRAME, BV, BRICK	3,424,300	10	0.0%	2	303	R RESAPT
Commercial	Flag Pole	64,000		0.0%	37	311	Com COM	Residential	Public Housing 1 to 2 Units	260,769,300		0.2%	2	303	R RESAPT
Commercial	Flood Lights/Light Pole	835,000		0.0%	37	311	Com COM	Residential	Boathouse (Over Water)	3,687,900		0.0%	37	311	Com COM
Commercial	Gazebo	1,377,000		0.0%	37	311	Com COM	Residential	Commercial Building	1,044,400		0.0%	37	311	Com COM
Commercial	Greenhouse and/or Business Personal Property	405,000		0.0%	37	311	Com COM	Residential	Deck, Dock, Pier, or Wharf (Over Water)	3,099,400	88	0.0%	37	311	Com COM
Commercial	Lumber Yard (Structure and its Business Personal Property)	409,000		0.0%	37	311	Com COM	Residential	Fence	165,000		0.0%	37	311	Com COM
Commercial	Miscellaneous Items and/or Business Personal Property	33,974,000		0.0%	37	311	Com COM	Residential	Miscellaneous Structure Item	940,000		0.0%	37	311	Com COM
Commercial	Score Board	2,194,000	5	0.0%	37	311	Com COM	Residential	Swimming Pool (In Ground)	1,170,000	21	0.0%	37	311	Com COM
Commercial	Sign	1,051,000	58	0.0%	37	311	Com COM	Residential	Apartment/Condo	15,575,500		0.0%	42	306	R RESAPT
Commercial	Swimming Pool (In-ground)	9,814,000		0.0%	37	311	Com COM	Residential	Condominium	727,429,520	7,561	0.7%	42	306	R RESAPT
Commercial	Tank and/or Business Personal Property	37,877,000		0.0%	37	311	Com COM	Residential	Individually Owned Townhomes	394,040,860		0.4%	42	306	R RESAPT
Commercial	Tennis Court Surface	823,000	20	0.0%	37	311	Com COM	Residential Farm		42,000	1	0.0%	0	300	R RES
Commercial	Townhome Association and/or Business Personal Property	211,948,000	234	0.2%	37	311	Com COM	Residential Farm	1 Family Residence	228,570,860	440	0.2%	1	302	R RES
Commercial	Townhome Outbuildings and/or Business Personal Property	3,295,000		0.0%	37	311	Com COM	Residential Farm	Dwelling Outbuilding	5,898,100	74	0.0%	1	302	R RES
Commercial	Apartment Building - 8+ Units on Premises and/or Business Personal Property	2,240,651,040	2,195	2.1%	42	306	R RESAPT	Residential Farm	2 Family Residence	354,000	2	0.0%	2	303	R RESAPT
Commercial	Apartment Building - Less than 8 Units on Premises and/or Business Personal Property	273,031,035	790	0.3%	42	306	R RESAPT	Residential Farm	Miscellaneous Structure Item	133,000	1	0.0%	37	311	Com COM
Commercial	Apartment Outbuildings and/or Business Personal Property	56,672,060	191	0.1%	42	306	R RESAPT	Residential Farm	Individually Owned Townhomes	325,600	1	0.0%	42	306	R RESAPT
								Total		104,780,129,508		100%			

Texas Windstorm Insurance Association Data as of 11/30/2023

Roof Cover by Model and Peril and Verisk Roof Hail Impact Resistance (SCS only)

		н	lurricane				
Verisk Description	Verisk Code	RMS Code	IF Code	CL Code	Site Limit	RiskCount	% of Limit
Unknown/default	0	0	0	0	1,162,264,085	7,044	1.1%
Asphalt shingles	1	7	1	1	77,099,736,215	190,436	73.6%
Hurricane Wind-Rated Roof Coverings	11	9	3	2	12,720,050,680	35,075	12.1%
Wooden shingles	2	6	0	9	138,896,460	365	0.1%
Clay/concrete tiles	3	5	2	10	2,893,148,844	4,744	2.8%
Light metal panels	4	2	3	8	6,838,932,485	13,249	6.5%
Slate	5	5	2	10	394,800	1	0.0%
Built-up roof with gravel	6	4	3	0	3,127,459,069	4,751	3.0%
ingle ply membrane	7	0	0	0	799,246,870	814	0.8%
					104,780,129,508	256,479	100.0%
		Severe C	onvective Sto	orm			
Verisk Description	Verisk Code	RMS Code	IF Code	CL Code	Site Limit	RiskCount	% of Limit
Unknown/default	0	0	0	0	1,162,264,085	7,044	1.1%
Asphalt shingles	1	7	1	1	77,099,736,215	190,436	73.6%
Hurricane Wind-Rated Roof Coverings	11	9	3	2	12,720,050,680	35,075	12.1%
Wooden shingles	2	6	0	9	138,896,460	365	0.1%
Clay/concrete tiles	3	5	2	10	2,893,148,844	4,744	2.8%
Light metal panels	4	2	3	8	6,838,932,485	13,249	6.5%
Slate	5	5	2	10	394,800	1	0.0%
Built-up roof with gravel	6	4	3	0	3,127,459,069	4,751	3.0%
Single ply membrane	7	0	0	0	799,246,870	814	0.8%
					104,780,129,508	256,479	100.0%
Verisk Roof Hail Impact Desc	Verisk Code				Site Limit	RiskCount	% of Limit
Unknown	0				104,323,694,408	255,505	99.6%
Impact-Resistant A	1				228,047,760	541	0.2%
Impact-Resistant B	2				54,443,500	107	0.1%
Impact-Resistant C	3				27,510,100	58	0.0%
Impact-Resistant D	4				146,433,740	268	0.1%
					104,780,129,508	256,479	100.0%

Texas Windstorm Insurance Association Data as of 11/30/2023

RMS Opening Protection, AIR Window Protection, AIR Exterior Doors, AIR Wall Attached Structures

MOD_BLDG_CREE	IT TERRITORY	Verisk WindowProtection Description Ver	isk WindowProtection Code Verisk ExternalDoor Description Verisk Exte	ernalDoor Code/erisk WallAttachedStructure Description/erisk Wa	IIAttachedStructure CodeRMS Oper	ning Code IF Window Code CL Window Code	Site Limit	RiskCount	% of Limit
2018 IRC	Risk Category I	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	751,109,660	1,492	0.7%
2018 IRC	Risk Category II	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	2,620,702,960	5,064	2.5%
2018 IRC	Risk Category II	Engineered shutters	3 Reinforced single width doors	3 Reinforced Double Door Garages	5	0	580,000	1	0.0%
2018 IRC	Risk Category II	Engineered shutters	3 Unknown/default	0 Unknown/default	0	0	1,958,000	2	0.0%
2018 IRC	Risk Category IV	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	41,218,080	56	0.0%
IRC	Inland1/Inland1	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	412,000	1	0.0%
IRC	Inland1/Inland1	Engineered shutters	3 Unknown/default	0 Unknown/default	0	4	1,143,300	3	0.0%
IRC	Inland2/Inland2	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	815,400	2	0.0%
IRC/IBC	Inland I	Engineered shutters	3 Unknown/default	0 Unknown/default	0	4	15,511,245,440	32,255	14.8%
IRC/IBC	Inland I	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	1,569,691,660	3,319	1.5%
IRC/IBC	Inland I	Engineered shutters	3 Unknown/default	0 Unknown/default	0	0	4,668,200	12	0.0%
IRC/IBC	Inland I	Engineered shutters	3 Reinforced single width doors	3 Reinforced Double Door Garages	5	4	704,000	2	0.0%
IRC/IBC	Inland II	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	6,419,819,140	11,861	6.1%
IRC/IBC	Retrofit	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	22,440,920	49	0.0%
IRC/IBC	Retrofit	Engineered shutters	3 Unknown/default	0 Unknown/default	0	0	155,800	1	0.0%
IRC/IBC	Retrofit	Engineered shutters	3 Reinforced single width doors	3 Reinforced Double Door Garages	5	0	716,200	2	0.0%
IRC/IBC	Seaward	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	331,401,740	596	0.3%
IRC/IBC	Seaward	Engineered shutters	3 Unknown/default	0 Unknown/default	0	0	1,211,600	3	0.0%
IRC/IBC	Seaward	Engineered shutters	3 Unknown/default	0 Unknown/default	0	4	5,109,400	8	0.0%
IRC/IBC	Seaward	Engineered shutters	3 Reinforced single width doors	3 Reinforced Double Door Garages	5	4	4,564,136,360	8,316	4.4%
IRC/IBC	Seaward	Engineered shutters	3 Reinforced single width doors	3 Reinforced Double Door Garages	5	0	4,050,000	6	0.0%
N/A	N/A	Engineered shutters	3 Unknown/default	0 Unknown/default	0	4	22,809,420	37	0.0%
N/A	N/A	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	12,811,747,148	18,416	12.2%
N/A	N/A	Engineered shutters	3 Reinforced single width doors	3 Reinforced Double Door Garages	5	4	44,434,000	40	0.0%
Unknown	Inland I	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	303,425,560	652	0.3%
Unknown	Inland II	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	48,291,500	95	0.0%
Unknown	Retrofit	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	36,609,400	86	0.0%
Unknown	Risk Category I	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	5,784,760	14	0.0%
Unknown	Risk Category II	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	9,311,060	22	0.0%
Unknown	Risk Category IV	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	435,000	1	0.0%
Unknown	Seaward	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	39,509,280	80	0.0%
Unknown	Seaward	Engineered shutters	3 Reinforced single width doors	3 Reinforced Double Door Garages	5	0	410,000	1	0.0%
Unknown	Unknown	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	52,307,071,680	158,824	49.9%
Unknown	Unknown	Engineered shutters	3 Reinforced single width doors	3 Reinforced Double Door Garages	5	0	53,471,140	196	0.1%
Unknown	Unknown	Engineered shutters	3 Unknown/default	0 Unknown/default	0	0	125.096.760	266	0.1%
WRC	Inland I	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	5,210,440,440	10,714	5.0%
WRC	Inland I	Engineered shutters	3 Unknown/default	0 Unknown/default	0	0	13,165,900	24	0.0%
WRC	Inland II	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	350,000	1	0.0%
WRC	Retrofit	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	759.620.600	1.867	0.7%
WRC	Retrofit	Engineered shutters	3 Reinforced single width doors	3 Reinforced Double Door Garages	5	0	3,794,100	6	0.0%
WRC	Retrofit	Engineered shutters	3 Unknown/default	0 Unknown/default	0	0	5,061,600	10	0.0%
WRC	Seaward	Unknown/default	0 Unknown/default	0 Unknown/default	0	0	1,107,518,500	2,038	1.1%
WRC	Seaward	Engineered shutters	3 Reinforced single width doors	3 Reinforced Double Door Garages	5	0	11,464,000	24	0.0%
WRC	Seaward	Engineered shutters	3 Unknown/default	0 Unknown/default	0	0	7,017,800	14	0.0%
Total		•			-		104,780,129,508	256,479	43.1%

RMS Opening Protection (Detail)

All exterior openings (glazed and non-glazed) are fully protected at a minimum with impact resistant coverings, impact resistant coverings, impact resistant doors (including garage doors) and/or impact resistant window units and meet the requirements for "Cyclic Pressure and Large Missile Impact" for large missiles – 9 lb According to ASCE 7, the Florida Building Code (FBC), and the International Building Code (IBC), a building in wind-borne debris regions must have openings within 30 feet of the ground meet the requirements of large missile impact tests. Use this option for buildings taller than 30 feet that meet this requirement and have doors (including carged doors) (including carged

All glazed exterior openings (windows and doors) are fully protected at a minimum with impact resistant coverings and/or impact resistant window units designed for large missiles (9 lb). Non-glazed doors (including garage doors) are not designed for pressure and impact. According to ASCE 7, the FBC, and the IBC, a building in wind-borne debris regions must have openings within 30 feet of the ground meet the requirements of small missile impact tests. Use this option for buildings taller than 30 feet that meet this requirement.large missile impact tests (ASTM E 1996), and above 30 feet the opening must meet the requirements of small missile impact tests.

Texas Windstorm Insurance Association Data as of 11/30/2023 Roof Age and Roof Year Built

Verisk Code	RMS Code		IF Code	CL Code	Site Limit	Risk Count	% of Limit
2018- 2023		1	1	1	22,730,405,060	49,970	21.7%
2014 - 2017		2	2	2	17,405,740,795	40,352	16.6%
1800 - 2013		3	3	3	59,740,555,299	153,577	57.0%
Unknown		0	0	0	4,903,428,354	12,580	4.7%
					104,780,129,508	256,479	100%

Code Descriptions	
IF	CL
1: 0-5 yrs	1: 0-5 yrs
2: 6-10 yrs	2: 6-10 yrs

3: 11+ yrs 3:11+ yrs 3: 11-15 yrs 4: Obvious signs of deterioration

RMS

1: 0-5 yrs 2: 6-10 yrs

1*: Roof condition poor

Texas Windstorm Insurance Association Data as of 11/30/2023

RMS Construction Quality, AIR Seal of Approval, and AIR Building Condition

Verisk SealOfApproval Description	Verisk Code	RMS Code	Site Limit	RiskCount	% of Limit
Unknown/default	0	0	87,583,478,383	208,874	83.6%
Fully Engineered Structure	1	0	2,740,272,160	5,606	2.6%
Partially Engineered Structure	2	0	14,456,378,965	41,999	13.8%
			104,780,129,508	256,479	100.0%
RMS					

Construction Quality

^{9:} Certified design & construction

TWIA STRUCTURE_CONDITION_CD	Verisk Description	Verisk Code	Site Limit	RiskCount	% of Limit
Unknown	Unknown/default	0	324,773,360	3,420	0.3%
N/A	Unknown/default	0	12,877,936,968	18,489	12.3%
VeryGood	Good	1	1,415,600	5	0.0%
Very Good	Good	1	29,992,384,400	71,298	28.6%
Good	Good	1	35,274,695,100	102,826	33.7%
Excellent	Good	1	21,945,860,420	44,643	20.9%
Fair	Average	2	240,696,160	1,160	0.2%
Average	Average	2	4,118,730,140	14,613	3.9%
Poor	Poor	3	3,637,360	25	0.0%
Total			104,780,129,508	256,479	100.0%

^{0:} Unknown

^{1:} Obvious signs of deterioration or distress

Texas Windstorm Insurance Association Data as of 11/30/2023 Roof Geometry

Set based on "Roof Style" in EV data.

TWIA Roof Style	Verisk Code	RMS Code	IF Code	CL Code	Site Limit	RiskCount	% of Limit
NULL	0	0	0	0	74,459,648,734	176,880	71.1%
Flat	1	2	2	1	1,103,529,869	2,724	1.1%
Gabled	2	5	3	4	9,279,810,620	28,663	8.9%
Hip	3	3	1	7	9,137,454,090	23,191	8.7%
Mixed	4	5	3	4	10,799,686,195	25,021	10.3%
Total					104,780,129,508	256,479	100.0%

Texas Windstorm Insurance Association Data as of 11/30/2023 Verisk Tree Exposure

Set based on "Tree Overhang" in EV data.

TWIA Tree Overhang	Verisk Description	Verisk Code	Site Limit	RiskCount	% of Limit
0	Unknown/default		21,615,600	41	0.0%
NULL	Unknown/default	0	74,459,648,734	176,880	71.1%
None	No	1	15,257,877,064	36,895	14.6%
Medium	Yes	2	1,871,656,000	6,038	1.8%
Low	Yes	2	13,153,167,710	36,567	12.6%
High	Yes	2	16,164,400	58	0.0%
Total			104,780,129,508	256,479	100.0%

Note: This was all done by Eagle view so looking if house obstructed by Trees not necessarily if nearby so code none as unknown.