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# AXA IM WAVe Cat Bonds Fund | q USD

Past performance is not a reliable indicator of future results.

## **Key Figures** (USD)\*

Current NAV	Fund Cumulative Performance (%)					
Inc.	Launch	10Y	3Y	1Y	YTD	
995.66	+15.34	-	-	+15.84	+1.15	
	nance (%)	d Perforn	Annualize	Fund		
Assets Under Management (M)	141100 (70)					
Assets Under Management (M) USD	Launch	10 Y.	Υ.	Y. 5	3 '	

### **Dividend Record**

	Record Date	Ex-Date	Dividend per Share	12 month Yield (%)
Jan 2023	05/01/2023	06/01/2023	19.71	5.55
Apr 2023	10/04/2023	11/04/2023	19.29	6.90
Jul 2023	06/07/2023	07/07/2023	21.49	7.69
Oct 2023	05/10/2023	06/10/2023	24.20	8.60
Jan 2024	04/01/2024	05/01/2024	26.78	9.31

12 Month Yield = (Sum of Dividends) / (Ending NAV). The 12 Month yield is calculated based on the sum of the distributions over the previous 12 months and the latest NAV. The 12 month yield may be higher or lower than the actual annual dividend yield. A positive distribution yield does not imply positive return. Dividends are not guaranteed. Past dividends are not indicative of future dividends.

Investors should not make any investment decision solely based on information contained in the table above. You should read the relevant offering document (including the key facts statement) of the fund for further details including the risk factors.

### **Performance & Risk**

### **Performance Evolution (USD)**



Data is rebased to 100 by AXA IM on the graph start date.

Performance calculations are net of fees, based on the reinvestment of dividends. The benchmark, when there is one could be calculated on the basis of net or gross dividend. Please refer to the prospectus for more information.

#### \* 1st NAV date: 21/01/2022

#### Benchmark

The fund doesn't have a benchmark.

The Fund is actively managed without reference to any benchmark.

## **Fund Manager**

François DIVET

Ting FENG - Co-Manager

# Performance & Risk (Continued)

## **Risk Analysis**

	1Y	3Y	5Y	Launch
Portfolio Volatility* (%)	0.87	-	-	4.01
Sharpe Ratio	13.02	-	-	1.11

All definitions of risks indicators are available in the section 'Glossary' below

## **Rolling Performance (%)**

	1M	3M	6M	YTD	3Y	5Y	31/01/23 31/01/24	31/01/22 31/01/23	31/01/21 31/01/22	31/01/20 31/01/21	31/01/19 31/01/20	Launch
Portfolio*	1.15	2.71	6.80	1.15	-	-	15.84	-0.38	-	-	-	15.34

## **Annual Calendar Performance (%)**

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Portfolio*	16.08	-	-	-	-	-	-	-	-	-

## **Monthly Performance** (%)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2022 ***	-0.04	0.11	-0.04	-0.08	-0.07	-0.45	0.16	1.03	-3.99	0.41	0.24	1.03	-1.77
2023	1.36	1.21	1.50	1.30	1.39	1.73	1.04	1.42	1.09	1.43	0.87	0.66	16.08
2024	1.15	-	-	_	-	-	_	-	_	_	_	_	1.15

<sup>\*\*\*</sup>The calculation period of the annual performance for 2018 starts from 02/02/2018, inception date of the share class to 31/12/2018.

Past performance is not a reliable indicator of future results. Performance calculations are net of fees, based on the reinvestment of dividends. The benchmark, when there is one could be calculated on the basis of net or gross dividend. Please refer to the prospectus for more information.

<sup>\* 1</sup>st NAV date: 21/01/2022

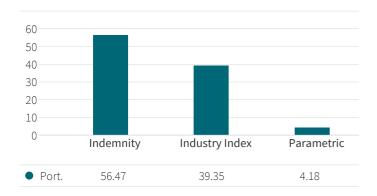
# **Portfolio Analysis**

## **Event Breakdown** (% of NAV)

Event	Portfolio
U.S. Southeast, Gulf of Mexico, Caribbean Hurricane	47.15
California Earthquake	45.51
U.S. Northeast Hurricane	42.64
Other U.S. Earthquake	42.45
New Madrid Earthquake	39.14
Other U.S. Hurricane	38.24
Canada Earthquake	23.22
Caribbean Earthquake	20.61
Any Other perils	20.01
Other U.S. Wind	12.92
Europe Windstorm	8.16
US Wildfire	7.94
Japan Earthquake	5.84
Mexico Earthquake	2.77
Any Second Event	2.24
Japan Typhoon	0.87
Western Mediterranean EQ	0.39
Any Other Non-Nat Cat	0.38
Pacific Mexico Hurricane	0.07

The sum of all the percentage may not be equal to 100% as the fund may hold assets accounting for more than one event defined above. For example, an asset which covers both an Europe windstorm and a Japan typhoon will enter into both events definition. However, for avoidance of any doubt, the fund is only exposed to the size of its invested amount on such asset.

## **Trigger Type Breakdown** (% of ILS Assets)



# $\textbf{Term to Maturity Breakdown} \ (\% \ \text{of NAV})$

Term	Portfolio
0 - 1 Year	40.26
1 - 2 Years	19.28
2 - 3 Years	33.30
3 - 4 Years	5.36
4 - 5 Years	1.81
> 5 Years	0.00
Total	100.00

# Portfolio Analysis (Continued)

# Key Information (At 31/01/2024)

	Portfolio
Number of Holdings	129
Cash (%)	18.44
Gross Average Purchase Discount Margin (%)	6.49
Weighted Average Maturity	1.54
AXA/XL deals (% of NAV)	2.93

Gross average is calculated on purchased assets, excluding cash.

# Other Information (%)

	With Cash
Annual Expected Loss	2.14
Annual VaR 90%	4.59
Annual VaR 95%	-2.94
Annual VaR 99%	-25.93
VaR includes coupon.	

# **Expected Loss on Invested Assets Breakdown** (%)

Event	Portfolio
North America Hurricane	57.38
North America Earthquake	28.59
Europe Windstorm	7.72
Asia Earthquake	2.57
Caribbean Hurricane	0.73
North America Tornado	0.67
North America Wildfire	0.48
Asia Typhoon	0.48
Central America Earthquake	0.35
Europe Earthquake	0.28
Europe Hail	0.22
Central America Hurricane	0.16
Europe Tornado	0.14
South America Earthquake	0.13
North America Winter Storm	0.07
Asia Flood	0.01
North America Flood	0.01
Caribbean Earthquake	0.01

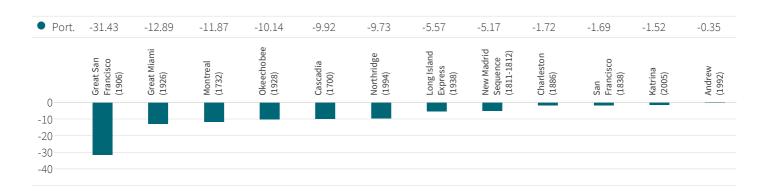
# Portfolio Analysis (Continued)

## **Expected Maturity Date Breakdown** (% Of NAV)



# **Impact of Major Historical Events**

## **Estimated Fund Loss** (% of NAV)



## **Estimated Insurance Market Losses as of Today**

Event	Description	Losses
New Madrid Sequence (1811-1812)	US earthquakes, 1811-1812, magnitude 8.1 and below	USD 210Bn
Great San Francisco (1906)	California earthquake, 1906, magnitude 7.9	USD 90Bn
Great Kanto (1923)	Japan earthquake, 1923, magnitude 7.9	USD 120Bn
Great Miami (1926)	US hurricane, 1926, category 4	USD 160Bn
Vera (1959)	Japan typhoon, 1959, category 5	USD 20Bn
Daria (1990)	Europe windstorm, 1990	EUR 15Bn
Andrew (1992)	US hurricane, 1992, category 5	USD 75Bn
Northridge (1994)	California earthquake, 1994, magnitude 6.7	USD 30Bn
Kobe (1995)	Japan earthquake, 1995, magnitude 6.8	USD 10Bn
Lothar (1999)	Europe windstorm, 1999	EUR 15Bn
Katrina (2005)	US hurricane, 2005, category 5	USD 75Bn

# **Fund Manager's Comment**

#### ILS Markets:

The cat bond primary market started very early in 2024 and even has not paused during the Christmas break as deals were still marketed during the period. So, January 2024 was rather active for the first month of the year with five layers issued with four different repeat or new sponsors and a total size of nearly USD 1 billion. The first repeat sponsor issued a cat bond covering earthquake in North America (US and Canada) and some Caribbean Islands and hurricane in the US and some Caribbean Islands. The trigger is a market index covering the perils on an annual aggregate basis and the size of the deal was USD 100 million. The first new sponsor issued a cat bond covering hurricane in Texas on a per occurrence indemnity basis. The total size of the deal was USD 255 million. The second repeat sponsor issued one cat bond covering many perils (hurricane, earthquake, convective storm, winter storm, wildfire...) on a per occurrence (cascading) indemnity basis for a total size of USD 400 million. The third repeat sponsor is a usual suspect coming every year in January to issue two layers exposed to health costs deviation in the US. The total size placed was USD 200 million.

The secondary cat bond market was rather quiet in January with less trades than in the previous months. This lower activity is probably linked to the limited primary activity and the high level of cat bonds redeeming in January. As most ILS managers have some cash at the moment there is no need to sell assets knowing that opportunities are limited in the primary market. Around 40 names traded in January in the secondary market with some of them trading several times. Nearly all the trades were for cat bonds exposed to some US perils (hurricane and earthquake) with at least one trade for a Japan typhoon exposed deal.

The Industry Loss Warranty (ILW) market has been rather quiet in January even if we saw some opportunities for US hurricane or Europe windstorm deals. We saw some interest from ceding companies to hedge earthquake in Türkiye either on a market loss basis or on a parametric basis (like in December) as the reinsurance market was hard in this country following a series of earthquakes in the region last year.

The traditional reinsurance market was rather idle after the January 1st renewal. The market should start to be more active in February with the April 1st renewal as a target especially in Japan.

#### Events:

The COVID-19 pandemic is largely contained even if it continued to spread timidly all around the world during the month. As of end of January, the number of confirmed cases is slightly higher than 774 million and the death toll is slightly more than 7 million (source: WHO).

January was relatively quiet in terms of natural catastrophes with some convective storms and winter storms in the US (insured losses will be higher than USD 1 billion for several events) and cyclone Belal which made landfall in La Réunion.

On the first day of the year, the Noto Peninsula earthquake hit Japan with a magnitude 7.5. Another significant earthquake with a magnitude 7 occurred at the border between China and Kyrgyzstan. Some earthquakes occurred during the month on the Ring of Fire but for most of them in sparsely populated area.

### Potential impact:

The extreme mortality bond exposed to the excess mortality in Canada, Australia and the UK has been extended and the price stabilized. We will need the final figures for year 2023 to be released to know the real final loss on this asset. We do not expect the fund to sustain any losses from the cyclone Belal. The Japan earthquake, the convective storms and winter storms in the US could partially erode some aggregate deals but the erosion is expected to be limited if any.

#### Performance:

The return of the fund has been positive in January. The positive performance of the fund was mainly driven by the coupons. It came as well from some limited mark-to-market gain due to a slight spread tightening linked to the short-term imbalance between supply and demand in the cat bonds secondary market. As explained previously, several cat bonds redeemed in January while the primary market activity was relatively limited, leading to a seller's market.

## **Additional Information**

## Administration: I q USD

Legal form	ICAV
UCITS Compliant	Yes
AIF Compliant	No
Legal country	Ireland
1st NAV date	21/01/2022
Fund currency	USD
Shareclass currency	USD
Share type	Income
ISIN code	IE000X1C93V7
Transaction costs	0.05%
Ongoing charges	0.88%
Management company	AXA INVESTMENT MANAGERS PARIS S.A.
Delegation of account administration	STATE STREET FUND SERVICES (IRELAND) LIMITED
Custodian	State Street Custodial Services (Ireland) Limited

As disclosed in the most recent Annual Report, the ongoing charges calculation excludes performance fees, but includes management and applied services fees. The effective Applied Service Fee is accrued at each calculation of the Net Asset Value and included in the ongoing charges of each Share Class.

The investment will be reduced by the payment of the above mentioned fees.

### **Fund Objectives**

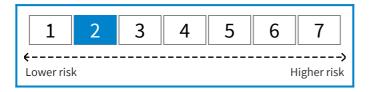
The investment objective of the Fund is to achieve a long-term, risk-adjusted, absolute rate of return and capital growth and/or income from investment in catastrophe bonds, also referred to as "cat bonds" ("insurance-linked securities" or "ILS").

### **Investment Horizon**

The risk and the reward of the product may vary depending on the expected holding period. We recommend holding this product at least for 7 years.

### **Risk Indicator**

The information shown below is from the KID PRIIPS.



The risk indicator assumes you keep the product for 7 years.

The actual risk can vary significantly if you cash in at an early stage and you may get back less.

The summary risk indicator is a guide to the level of risk of this product compared to other products. It shows how likely it is that the product will lose money because of movements in the markets or because we are not able to pay you.

We have classified this product as 2 out of 7 which is the a low risk class. This rates the potential losses from future performance at a low level. The risk category associated to this product was determined based on past observations, it is not guaranteed and can evolve in the future.

Be aware of currency risk. You will receive payments in a different currency, so the final return you will get depend on the exchange rate between the two currencies. This risk is not considered in the indicator shown above.

Other risks not included in the Summary risk indicator can be materially relevant, such as model risk. For further information, please refer to the prospectus.

This product does not include any protection from future market performance so you could lose some or all of your investment.

### **Subscription Redemption**

You may buy or sell your shares on the (i) first Friday of each month (if such calendar day is not a Business Day, the next following Business Day) and (ii) the third Friday of each month (if such calendar day is not a Business Day, the next following Business Day (provided that if the third Friday of the month is the last calendar day of such month, you may buy or sell shares on the Business Day immediately preceding) and/or (iii) such other day or days as may be determined by the Directors in consultation with the Manager and notified to Shareholders in advance. Please refer to the Prospectus for further information, available at https://funds.axa-im.com/.The Net Asset Value of this Fund is calculated on a bi-monthly basis.

#### How to Invest

Before making an investment, investors should read the relevant Prospectus and the Key Investor Information Document (particularly for UK investors) / Key Information Document / scheme documents, which provide full product details including investment charges and risks. The information contained herein is not a substitute for those documents or for professional external advice.

Retail investors should contact their Financial intermediary.

## **Additional Information** (Continued)

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The fund or sub fund is a part of the Irish-domiciled ICAV AXA IM World Access Vehicle - its registered address is 33 Sir John Rogerson's Quai Dublin 2, and it is registered with the Central Bank of Ireland under number C154706. This is a collective asset-management vehicle under the European UCITS directive. It is managed by AXA Investment Managers Paris , a company incorporated under the laws of France, having its registered office located at Tour Majunga, 6 place de la Pyramide, 92800 Puteaux, registered with the Nanterre Trade and Companies Register under number 353 534 506.

For more information on sustainability-related aspects please visit https://www.axa-im.com/what-is-sfdr.

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## **Additional Information** (Continued)

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https://ec.europa.eu/consumers/odr/main/index.cfm?event=main. home.chooseLanguage) and provides you with information on available means of redress (available at:

https://ec.europa.eu/consumers/odr/main/?event=main.adr.show2). Summary of investor rights in English is available on AXA IM website https://www.axa-im.com/important-information/summary-investor-rights.

Translations into other languages are available on local AXA IM entities' websites.

### **Glossary**

Volatility (%): is an indicative measure of degree of variation of an asset's price changes over time.

Sharpe ratio: is the measure of the risk-adjusted excess return over risk free rate of a financial portfolio and is used to compare the excess return of an investment to its risk. The higher the Sharpe ratio the better the return compared to the risk taken.