

IAPF SPRING CONFERENCE 2025

STATE STREET GLOBAL ADVISORS



WELCOME

CHAIR – 1st Half Conference



Liam Stack | Chairperson, IAPF Investment Committee | Aberdeen Investments

1apf M IAPF Spring Conference 2025



SPONSORS



iapf Me IAPF Spring Conference 2025





IAPF SPRING CONFERENCE 2025

STATE STREET GLOBAL ADVISORS



Pensions Outlook



Brendan Kennedy | Pensions Regulator | Pensions Authority





Pensions Outlook Q&A





Liam Stack Chairperson, IAPF Investment Committee Aberdeen Investments Brendan Kennedy Pensions Regulator Pensions Authority

Ask questions by raising your hand or via the slido app #sc25

Pensions Outlook Q&A





Liam Stack Chairperson, IAPF Investment Committee Aberdeen Investments Brendan Kennedy Pensions Regulator Pensions Authority

Ask questions by raising your hand or via the slido app #sc25

THANK YOU

Brendan Kennedy | Pensions Regulator | Pensions Authority



Is Sustainability at an Inflection Point? Panel Discussion



Liam Stack Chairperson, IAPF Investment Committee Aberdeen Investments



Shally Shanker Founder & Managing Partner AiiM Partners



Ger Fitzgerald Head of Investment Strategy Unio Financial Services Limited



Tony Fleming IAPF Council Trustee, EirGrid Pension Fund

Ask questions by raising your hand or via the slido app #sc25

Is Sustainability at an Inflection Point?

Poll 1 Question via the slido app #sc25



Is Sustainability at an Inflection Point? Panel Discussion



Liam Stack Chairperson, IAPF Investment Committee Aberdeen Investments



Shally Shanker Founder & Managing Partner AiiM Partners



Ger Fitzgerald Head of Investment Strategy Unio Financial Services Limited



Tony Fleming IAPF Council Trustee, EirGrid Pension Fund

Ask questions by raising your hand or via the slido app #sc25

Is Sustainability at an Inflection Point?

Poll 2 Question via the slido app #sc25



THANK YOU

Shally Shanker | Founder & Managing Partner | AiiM Partners Ger Fitzgerald | Head of Investment Strategy | Unio Financial Services Limited Tony Fleming | IAPF Council | Trustee, EirGrid Pension Fund



Investing in a Trump World



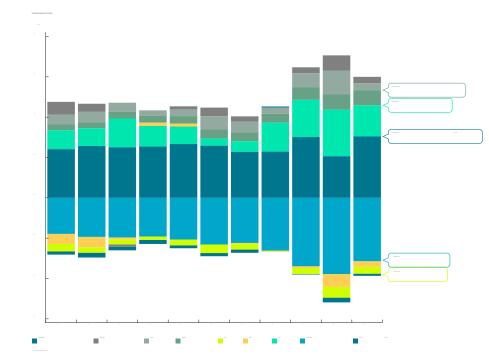
Des Lawrence Investment Strategist State Street Global Advisors

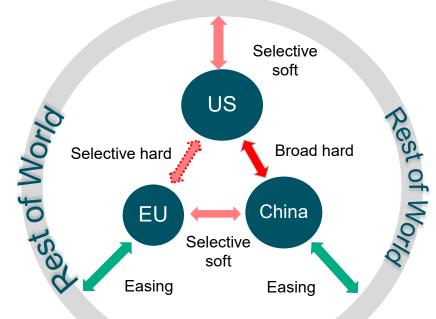
This material is solely for use at the IAPF Spring Conference 2025 and is not intended for public dissemination. The information contained in this document is current as of the date presented unless otherwise noted. Information Classification: General

iapf 🛯 🖻 🐘 IAPF Spring Conference 2025



Sticky Imbalances Face Moving Policies





Hard: Punitive tariffs to materially reduce or sever trade Soft: Measures aimed at counter-balancing unfair trade practices

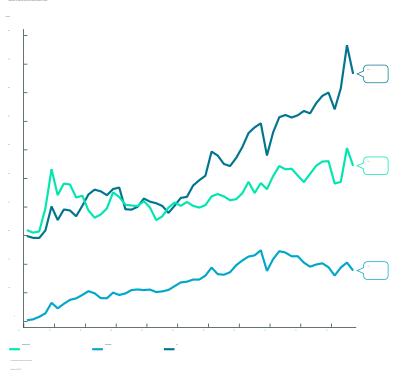
Information Classification: General

Source: SSGA Macro Policy Research; Macrobond.

15

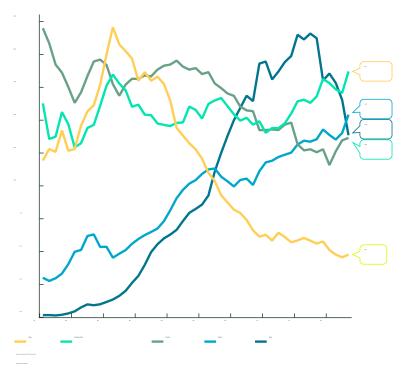


The Context For Tariffs



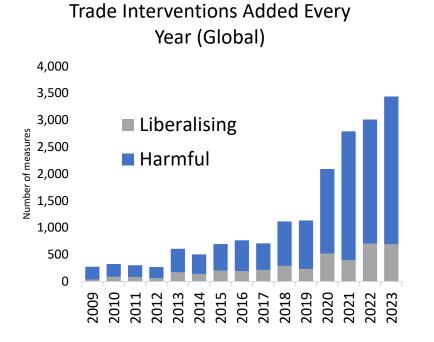


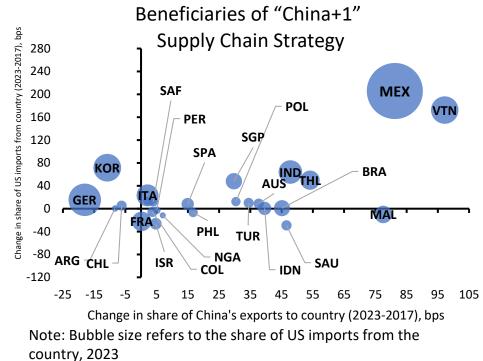




STATE STREET GLOBAL ADVISORS

Trade Distortion is Not Limited to US-China

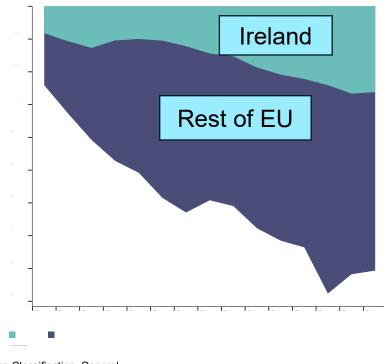




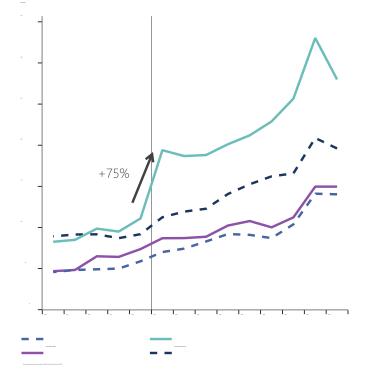
Source: SSGA Macro Research; Global Trade Alert; IMF, Macrobond.

Trade Imbalances Are Not Just Trade Per Se

Goods trade balance with the US (BOP basis)

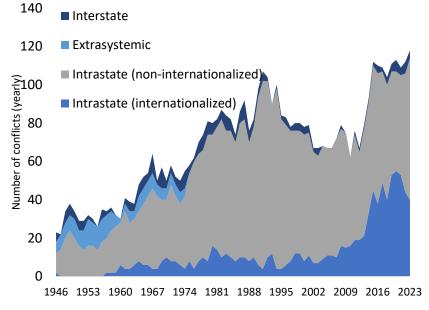


Ireland's merchandise exports

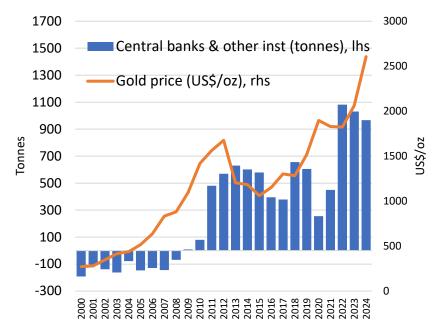


Information Classification: General

Geopolitical Fragmentation has Boosted Institutional Demand for Gold



Number and Type of Global Conflicts



Institutional Gold Demand

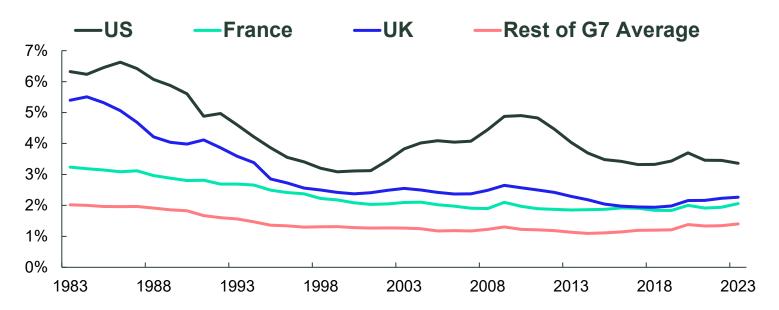
Note: Central bank demand for 2024 based on an annualised 1H24 data. Sources: SSGA Macro Research, UNCP, World Gold Council

19

Growing Geopolitical Divide Damaging to World Economy

The end of the "Peace Dividend" to divert resources at a critical time

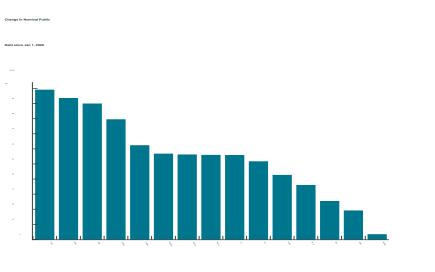
G7 Military Spending as a % of GDP



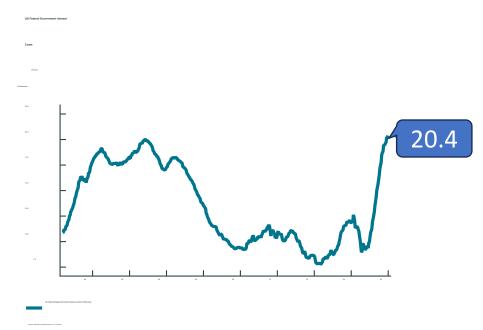
Source: <u>SIPRI Military Expenditure Database 2023</u>. Military expenditure as percentage of gross domestic product is shown.

20

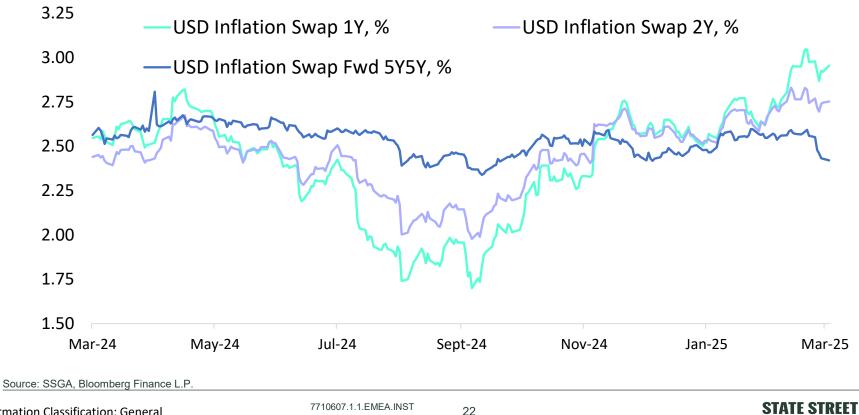
Debt Deluge a Growing Challenge



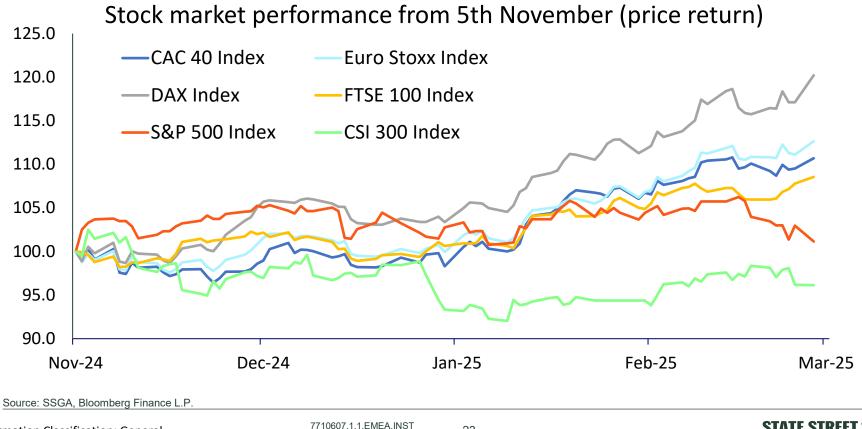




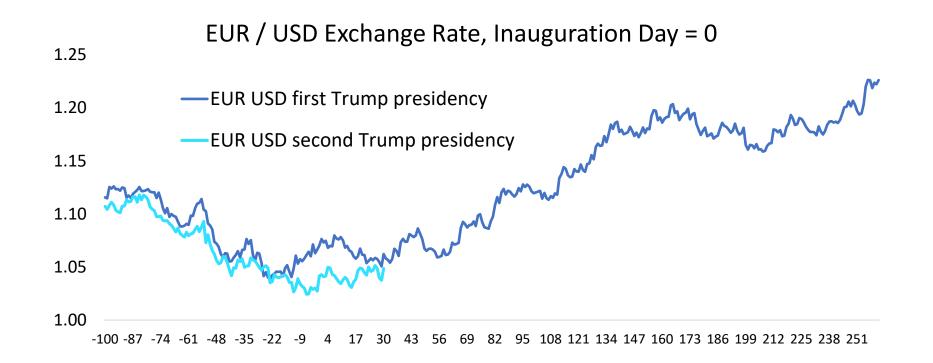
US Inflation: Near-Term v Medium-Term Prospects



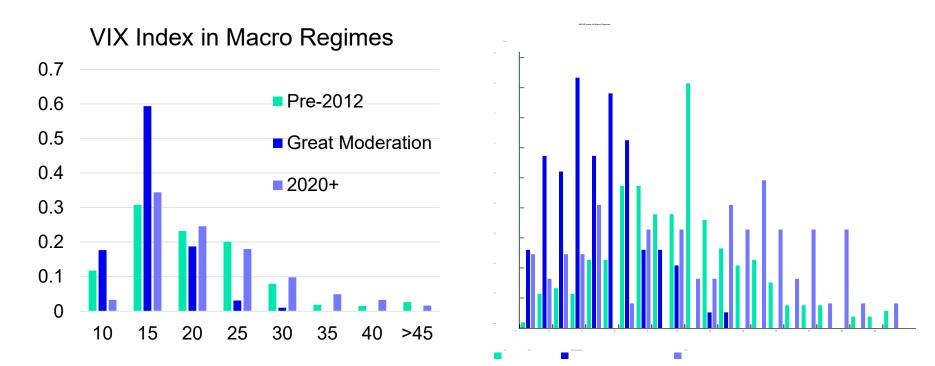
Conventional Wisdom and Cognitive Bias



A Stronger US Dollar Under Trump?



Era of Declining Volatility is Over



Important Disclosures

Marketing Communication. For institutional/investment professional use only.

Ireland: State Street Global Advisors Europe Limited is regulated by the Central Bank of Ireland. Registered office address 78 Sir John Rogerson's Quay, Dublin 2. Registered Number: 49934. T: +353 (0)1 776 3000. F: +353 (0)1 776 3300. ssga.com.

The information provided does not constitute investment advice as such term is defined under the Markets in Financial Instruments Directive (2014/65/EU) or applicable Swiss regulation and it should not be relied on as such. It should not be considered a solicitation to buy or an offer to sell any investment. It does not take into account any investor's or potential investor's particular investment objectives, strategies, tax status, risk appetite or investment horizon. If you require investment advice you should consult your tax and financial or other professional advisor.

The information contained in this communication is not a research recommendation or 'investment research' and is classified as a 'Marketing Communication' in accordance with the applicable regional regulation. This means that this marketing communication (a) has not been prepared in accordance with legal requirements designed to promote the independence of investment research (b) is not subject to any prohibition on dealing ahead of the dissemination of investment research.

This communication is directed at professional clients (this includes eligible counterparties as defined by the appropriate EU regulator who are deemed both knowledgeable and experienced in matters relating to investments. The products and services to which this communication relates are only available to such persons and persons of any other description (including retail clients) should not rely on this communication.

Investing involves risk including the loss of principal. Past performance is not a reliable indicator of future performance. Diversification does not ensure a profit or guarantee against loss.

The trademarks and service marks referenced herein are the property of their respective owners. Third party data providers make no warranties or representations of any kind relating to the accuracy, completeness or timeliness of the data and have no liability for damages of any kind relating to the use of such data.

The views expressed in this material are the views of Desmond Lawrence, Investment Strategy and Research Group, through the period ended March 6, 2025 and are subject to change based on market and other conditions. This document contains certain statements that may be deemed forward-looking statements. All statements, other than historical facts, contained within this document that address activities, events or developments that SSGA expects, believes or anticipates will or may occur in the future are forward-looking statements. These statements are based on certain assumptions and analyses made by SSGA in light of its experience and perception of historical trends, current conditions, expected future developments and other factors it believes are appropriate in the circumstances, many of which are detailed herein. Such statements are subject to a number of assumptions, risks, uncertainties, many of which are beyond SSGA's control. Please note that any such statements are not guarantees of any future performance and that actual results or developments may differ materially from those projected in the forward-looking statements.



Important Disclosures

All information is from State Street Global Advisors unless otherwise noted and has been obtained from sources believed to be reliable, but its accuracy is not guaranteed. There is no representation or warranty as to the current accuracy, reliability or completeness of, nor liability for, decisions based on such information and it should not be relied on as such. The above expectations are based on certain assumptions and analysis and are subject to change based on market and other conditions. All material has been obtained from sources believed to be reliable. There is no representation or warranty as to the accuracy of the information and State Street shall have no liability for decisions based on such information.

The whole or any part of this work may not be reproduced, copied or transmitted or any of its contents disclosed to third parties without SSGA's express written consent.

© 2025 State Street Corporation - All Rights Reserved. Tracking Code:7710607.1.1.EMEA.INST Expiration Date: 31 March 2026

Investing in a Trump World Q&A





Liam Stack Chairperson, IAPF Investment Committee Aberdeen Investments Des Lawrence Investment Strategist State Street Global Advisors

Ask questions by raising your hand or via the slido app #sc25



slido gives you the option of posing a question to conference speakers during the Q&A & Panel sessions and interacting with polls via your mobile device.

On your mobile device use QR code on your name badge to download app or go to www.slido.com. Enter the event code: **#sc25** Enter your question during the relevant presentation. You have the option to add your profile otherwise your question will remain anonymous

Investing in a Trump World Q&A





Liam Stack Chairperson, IAPF Investment Committee Aberdeen Investments Des Lawrence Investment Strategist State Street Global Advisors

Ask questions by raising your hand or via the slido app #sc25

THANK YOU

Des Lawrence Senior Investment Strategist, Investment Strategy & Research EMEA State Street Global Advisors





IAPF SPRING CONFERENCE 2025

STATE STREET GLOBAL ADVISORS



WELCOME BACK

CHAIR – 2nd Half Conference



Ciara Quinn | IAPF Pensions Committee | Pension Investment Analyst, Enterprise Services, ESB

iapf Me IAPF Spring Conference 2025



Benefits of genuine active management in a nonpacifist world



Pearse MacManus, Director of Asset Management – Head of Macro and Risk Analysis Cantor Fitzgerald Asset Management

iapf 🛯 🖻 🐘 IAPF Spring Conference 2025





Cantor Fitzgerald Asset Management

Benefits of Genuine Active Management in a Non-Pacifist World

Cantor Fitzgerald Asset Management Europe (CFAME), trading as Cantor Fitzgerald Asset Management (CFAM) is regulated by the Central Bank of Ireland.

iapf M M IAPF Spring Conference 2025

This is a Marketing Communication

slido #sc25

What Can Influence The Final Pension Value For Savers?





Time ² Monthly Subscription Amount ³



	Base	Higher Return	Save more, Average return	Start later	Start later, Higher Return
Monthly Sub	1,000	1,000	1,287	3,653	4,207
Annual Return	5%	6%	5%	5%	6%
Years saving	40	40	40	20	20
Final Value	~1.5mln	~1.9mln	~1.9mln	~1.5mln	~1.9mln

WARNING: Past performance is not a reliable guide to future performance. The value of investments may go down as well as up.

But Active Management Is More Risky (A Common Refrain)

A common mantra: "Many Active Managers underperform" - why?

- Focus on short term performance (How did your fund do today?)
- Career risk Keynes: "you must never, ever be wrong on your own" which can lead to:
 - Herding
 - Placeholders
 - FOMO
- Risk management ensuring low tracking errors
- Human nature and ego

<u>All of the above</u> makes it very difficult to outperform



slido #sc25

WARNING: Past performance is not a reliable guide to future performance. The value of investments may go down as well as up.

iapf 🛛 🖉 🖪 IAPF Spring Conference 2025

Market concentration has risen dramatically

WEIGHT OF TOP TEN STOCKS IN VARIOUS INDICES



Passive investing leads to concentration, not diversification

Source: Bloomberg, CFAM

slido #sc25

WARNING: Past performance is not a reliable guide to future performance. The value of investments may go down as well as up.

1apf M IAPF Spring Conference 2025

Active Management

WHAT YOU NEED.....

- A clearly defined process
- Active at all levels a multi disciplinary approach
 - E.g. recycling losers out of the portfolio it has never been cheaper to admit you're wrong
- Recycling losers means finding new winners (otherwise concentration risk increases)
- Volatility Models of volatility are backward looking look where you are going, not where you've been
- Value is transient
- Growth is transitory
- Hence a style agnostic approach is paramount

"If you have a losing position that is making you uncomfortable, the solution is very simple: Get out..."

Paul Tudor Jones

"The person that turns over the most rocks wins the game."

Peter Lynch

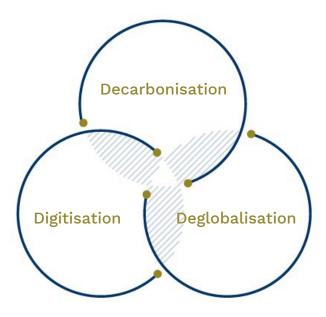
slido #sc25

WARNING: Past performance is not a reliable guide to future performance. The value of investments may go down as well as up.

1apf M M IAPF Spring Conference 2025

Thematic Focus Mega Trends

- Global transformational trends supersede economic textbook theory
- Traditional "sector" focus inadequate
- Cross Industry trends
- Winners V Losers



What Constitutes the Biggest has also Changed Dramatically

2005	2015	2025		
1. Exxon	1. Apple	1. Apple		
2. GE	2. Exxon	2. Nvidia		
3. Microsoft	3. Microsoft	3. Microsoft		
4. Citi	4. Alphabet	4. Amazon		
5. BP	5. Wells Fargo	5. Alphabet		
<mark>6.</mark> J&J	<mark>6</mark> . J&J	6. Meta		
7. Pfizer	7. GE	7. Broadcom		
8. Bank of America	8. JP Morgan	8. Tesla		
9. HSBC	9. Nestle	9. Taiwan Semi		
10. Vodafone	10. Novartis	10. JP Morgan		

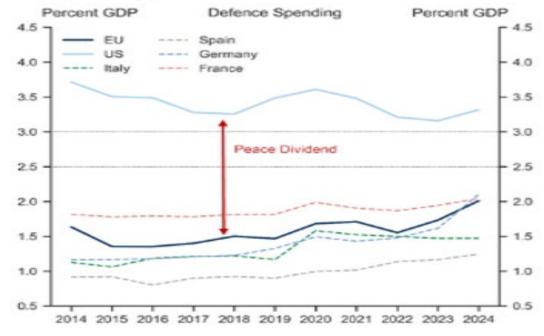
- Passive can lead to an overweight in what HAS done well
- And an underweight in what WILL do well (assuming innovation continues to change the world)
- We don't know how the world will change, but we can be fairly certain of one thing...

WARNING: Past performance is not a reliable guide to future performance. The value of investments may go down as well as up.

iapf Me IAPF Spring Conference 2025

Defence and Military Conflict

Almost All European Countries have defence spending below 2.5% of GDP

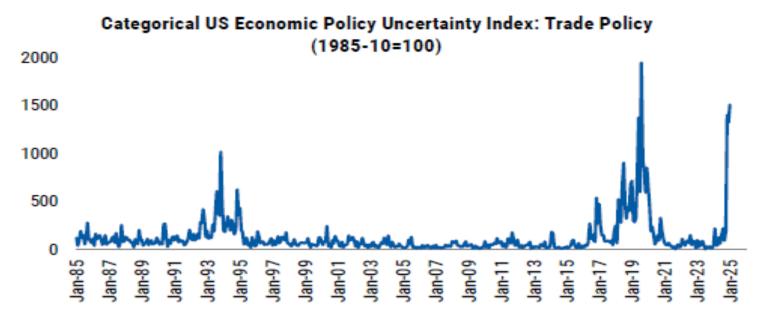


Source: Haver Analytics, Goldman Sachs Global Investment Research, NATO

iapf M M IAPF Spring Conference 2025

Trade Wars and Uncertainty

Exhibit 1: Uncertainty around trade policy has spiked



Source: Haver, Morgan Stanley Research

iapf 🛛 🖻 🐘 IAPF Spring Conference 2025

slido #sc25

Conclusion

- **Passive investing does not provide** the level of diversification that is often assumed.
 - Can expose investors to the same features of poor active managers:
 - Herding own it because everyone else does
 - **Placeholders** for large stocks, now have huge exposure
 - FOMO chasing trends
- Active investment management has a lot to offer in an ever-changing world
- Thematic investing the winners of tomorrow are ever-changing
- We are in a non-pacifist world. Non-passive investing can take advantage of that

WARNING: Past performance is not a reliable guide to future performance. The value of investments may go down as well as up.

slido #sc25

1apf M M IAPF Spring Conference 2025

Disclaimer

Cantor Fitzgerald Ireland Ltd is regulated by the Central Bank of Ireland and is a member firm of Euronext Dublin and the London Stock Exchange. This communication is intended for transmission to Irish retail clients of Cantor Fitzgerald Ireland Ltd only. It has been prepared for information purposes only and has been prepared without regard to the individual financial circumstances and objectives of persons who receive it. It is not intended to and does not constitute personal recommendations/investment advice nor does it provide the sole basis for any evaluation of the securities discussed. Specifically, the information contained in this communication should not be taken as an offer or solicitation of investment advice, or encourage the purchase or sale of any particular security. Not all recommendations are necessarily suitable for all investors and Cantor Fitzgerald Ireland Ltd recommend that specific advice should always be sought prior to investment, based on the particular circumstances of the investor. Cantor Fitzgerald Ireland Ltd believes all information in this communication to be reliable and all reasonable efforts have been made to present accurate information. Neither Cantor Fitzgerald Ireland Ltd, nor any of its employees, directors or agents, shall be liable to for any losses, damages, costs, claims, demands or expenses of any kind whatsoever, whether direct or indirect, suffered or incurred in consequence of any use of, or reliance upon, the information. Any person acting on the information contained in this communication does so entirely at his or her own risk. All estimates, views and opinions included in this communication constitute Cantor Fitzgerald Ireland Ltd's best current judgment as of the date of the note but may be subject to change.

Benefits of genuine active management in a non-pacifist world Q&A





Ciara Quinn IAPF Pensions Committee | Enterprise Services, ESB Pearse MacManus Cantor Fitzgerald Asset Management

Ask questions by raising your hand or via the slido app #sc25

Benefits of genuine active management in a non-pacifist world Q&A





Ciara Quinn IAPF Pensions Committee | Enterprise Services, ESB Pearse MacManus Cantor Fitzgerald Asset Management

Ask questions by raising your hand or via the slido app #sc25

THANK YOU

Pearse MacManus | Director of Asset Management – Head of Macro and Risk Analysis | Cantor Fitzgerald Asset Management



Retirement Living Standards





Deirdre Cummins Chair, The Pensions Council Of Counsel, Arthur Cox Joanne Roche The Pensions Council Director, KPMG

iapf Me IAPF Spring Conference 2025



Irish Retirement Living Standards

Pensions Council Report – September 2024



An Chomhairle Pinsean The Pensions Council



Agenda

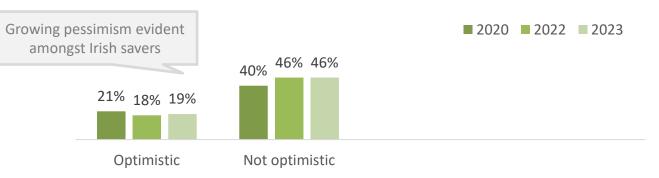
- The Retirement Living Standards Report
- The Scope of the Project
- What are Retirement Living Standards
- Modest, Moderate, Comfortable
- Methodology
- Next steps



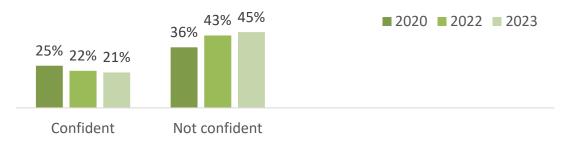


46% doubt they will be financially prepared for retirement

How optimistic are you that you will be financially prepared for retirement by the time you plan to stop working?



How confident are you that will be able to retire when you plan to?



Sources: 2023 Global Retirement Reality Report, State Street Global Advisors



What is the purpose of the RLS Report?

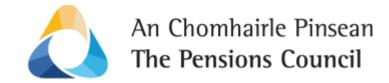
- To develop a set of retirement living standards that reflect the needs and aspirations of older people in Ireland
- To analyse and examine the factors that influence the RLS of older people in Ireland
- To provide a database of living costs and lifestyle choices of older people.
- The UK and Australia have already developed RLS



The Pensions Council

1apf M M IAPF Spring Conference 2025

Who was involved / the Project







iapf 🛛 🖻 🐘 IAPF Spring Conference 2025



An Chomhairle Pinsean

What are Retirement Living Standards

- Description of the level of spending required to reach certain standards of living in retirement
- Aims to help guide people to become more financially prepared for retirement – they are not financial advice
- They reflect a point in time analysis, based on the cost of living in 2024 which may change in the future





An Chomhairle Pinsean The Pensions Council

1apf M M IAPF Spring Conference 2025

What are Retirement Living Standards

- The terms 'modest', 'moderate' and ' comfortable' are highly subjective
- The standards developed reflect national averages, and not specific circumstances
- We did not focus on
 - State pension
 - Poverty rates among older people
 - Income replacement rates



iapf 🛯 🖻 🐘 IAPF Spring Conference 2025



Irish Retirement Living Standards

Three annual expenditure levels required to achieve different standards of living in retirement: modest, moderate, and comfortable living standards

	Modest	Moderate	>	Comfortable
)o Single	€19,200	€27,600		€33,600
Couple	€28,800	€37,200		€43,200
Your basic needs are covered and you have some money left over for non-essentials		You have more flexibility and financial security than if you were at the modest standard		You have more financial freedom than the moderate standard and can afford some luxuries



Irish Retirement Living Standards

The RLS equate to a range between the ${\sim}25^{th}$ and ${\sim}80^{th}$ income percentiles for households in the 65+ age category

	Modest	Moderate	>	Comfortable		
)o Single	€19,200	€27,600		€33,600		
Couple	€28,800	€37,200		€43,200		
Your basic needs are covered and you have some money left over for non-essentials		You have more flexibility and financial security than if you were at the modest standard		You have more financial freedom than the moderate standard and can afford some luxuries		

iapf Me IAPF Spring Conference 2025

Methodology: The Ask

- ✓ develop a set of retirement living standards that reflect the monetary basic needs and aspirations of older people in Ireland
- ✓ examine the factors that influence the retirement living standards of older people in Ireland.

IAPF Spring Conference 2025

iapt 🛯 🗑 🕷





An Chomhairle Pinsean The Pensions Council

Approach – high level



Approach to developing a set of RLS

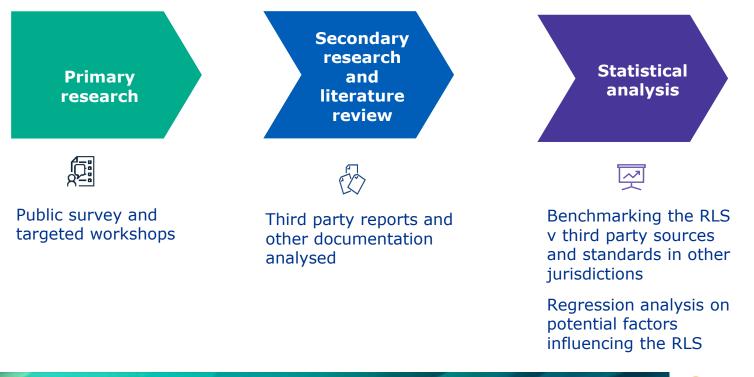


iapf M M IAPF Spring Conference 2025



An Chomhairle Pinsean The Pensions Council

Key activities



iapf M M IAPF Spring Conference 2025



Methodology – Key steps

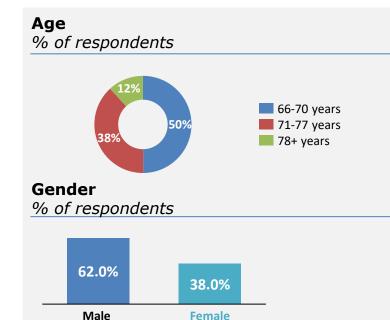


iapf 🛯 🖻 🐘 IAPF Spring Conference 2025

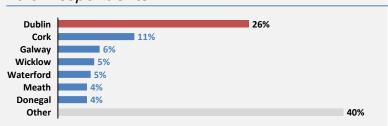


An Chomhairle Pinsean The Pensions Council

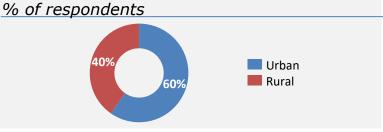
Survey Respondents - Profile



Location by county % of respondents



Location (urban versus rural)





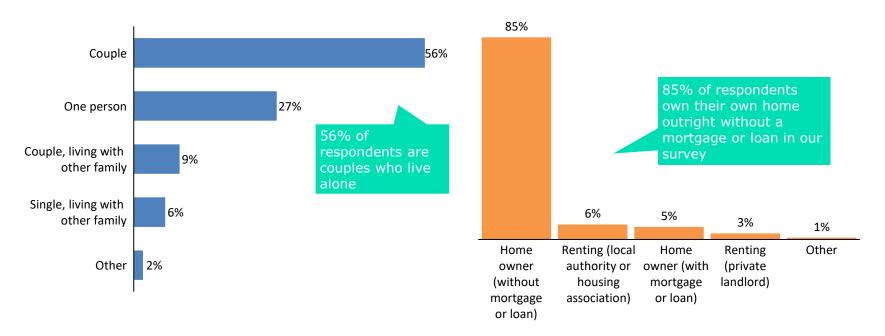
iapf Me IAPF Spring Conference 2025

Household composition and ownership

Respondent household composition

% of respondents

Respondent house ownership status % of respondents



iapf 🛯 🖉 🐘 IAPF Spring Conference 2025



Regression analysis overview

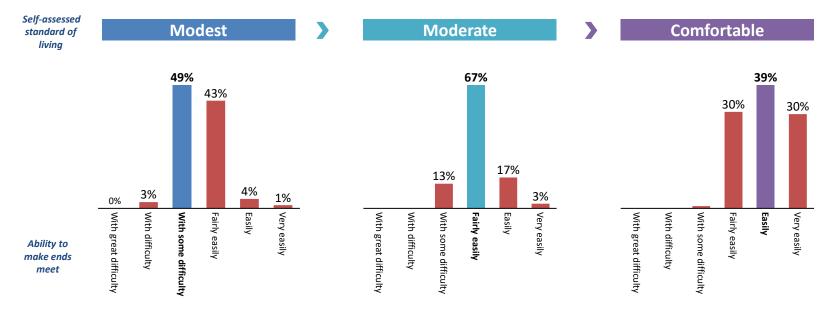
Household composition and location (Dublin v rest of country) have a statistically significant impact on RLS

Factor	Statistically significant	Undetermined relationship
Household composition	\checkmark	
Age		~
Gender		1
Home ownership status		~
Location	~	



Self-reported standards of living

Individuals who defined themselves as having a modest standard of living stated they make ends meet with some difficulty, while those in the comfortable standard stated they easily make ends meet





Breakdown of expenditure across categories

The modest, moderate and comfortable retirement living standards were developed by analysing spending patterns across seven key cost categories

	Single			Couple			
	Q			<u> </u>			
	Modest	Moderate	Comfortable	Modest	Moderate	Comfortable	
Total costs (monthly national average)	€1,600	€2,300	€2,800	€2,400	€3,100	€3,600	
Housing	€600	€750	€800	€700	€800	€900	
Food	€400	€450	€525	€550	€625	€700	
Transport	€50	€100	€175	€175	€225	€275	
Health	€150	€250	€300	€200	€300	€350	
Leisure	€50	€150	€200	€150	€250	€300	
Clothing and personal	€50	€100	€175	€125	€200	€225	
Once-off	€300	€500	€625	€500	€700	€850	
Ability to save	€50	€100	€150	€100	€200	€300	



Next steps

- Making the standards accessible at the point of key decisions for retirement planning
- Using the standards in communications, or as tools for members
- Updating the standards

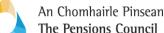


iapf Me IAPF Spring Conference 2025



Use of standards in UK





Thank You



Deirdre Cummins, Arthur Cox LLP



Joanne Roche, KPMG





An Chomhairle Pinsean The Pensions Council

Retirement Living Standards Q&A







Ciara Quinn IAPF Pensions Committee Enterprise Services, ESB Deirdre Cummins Chair, The Pensions Council Of Counsel, Arthur Cox

Joanne Roche The Pensions Council Director, KPMG

Ask questions by raising your hand or via the slido app #sc25

Retirement Living Standards Q&A







Ciara Quinn IAPF Pensions Committee Enterprise Services, ESB Deirdre Cummins Chair, The Pensions Council Of Counsel, Arthur Cox

Joanne Roche The Pensions Council Director, KPMG

Ask questions by raising your hand or via the slido app #sc25

THANK YOU

Deirdre Cummins | Chair, The Pensions Council | Of Counsel, Arthur Cox Joanne Roche | The Pensions Council | Director, KPMG



Things Trustees Should Focus On - Panel







Orla Aherne Investment Consultant Mercer

Alcarine Power Head of Pension Risk Management Aon

Eleanor Cunningham IAPF Council Partner, McCann FitzGerald

Poll Question via the slido app #sc25



iapf Me IAPF Spring Conference 2025





Orla Aherne Investment Consultant Mercer

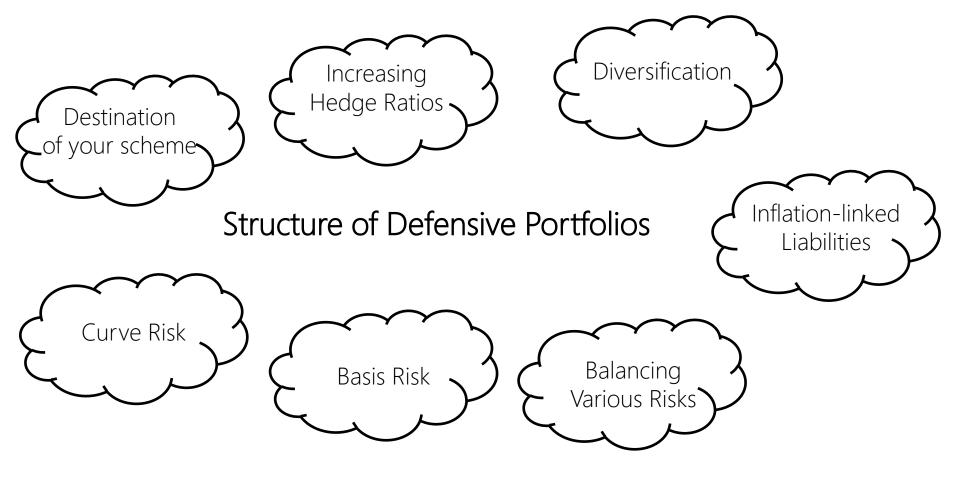
iapf Me IAPF Spring Conference 2025



Liability-Focused Investment In DB and DC Orla Aherne - Mercer

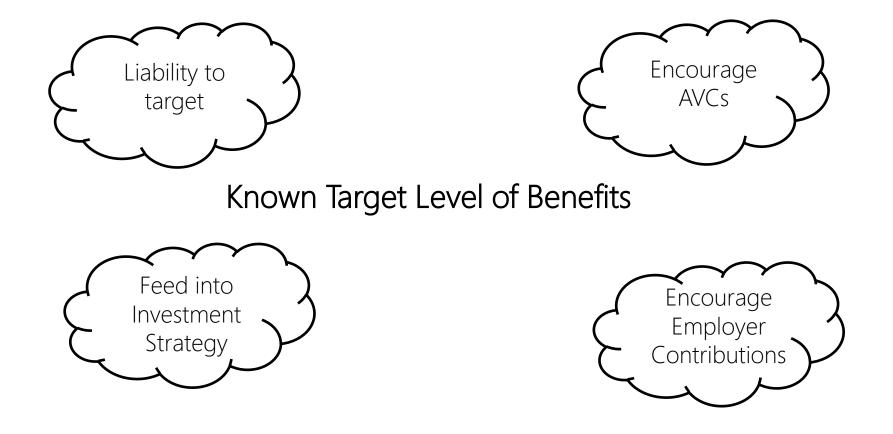


















Alcarine Power Head of Pension Risk Management Aon







Eleanor Cunningham IAPF Council Partner, McCann FitzGerald

iapf M IAPF Spring Conference 2025

slido #sc25

RESULTS OF POLL



iapf Me IAPF Spring Conference 2025





Ciara Quinn IAPF Pensions Committee Investment Consultant Enterprise Services, ESB

Orla Aherne Mercer

Alcarine Power Head of Pension Risk Management, Aon

Eleanor Cunningham IAPF Council Partner, McCann FitzGerald

Ask questions by raising your hand or via the slido app #sc25

THANK YOU

Orla Aherne | Investment Consultant | Mercer Alcarine Power | Head of Pension Risk Management | Aon Eleanor Cunningham | IAPF Council | Partner, McCann Fitzgerald



SPONSORS

STATE STREET GLOBAL ADVISORS



iapf 🛯 🖻 🐘 IAPF Spring Conference 2025

