

**CREDIT MARKET LANDSCAPE** 

MAY 19, 2022

CHICAGO TRADING COMPANY CHICAGO / NEW YORK / LONDON

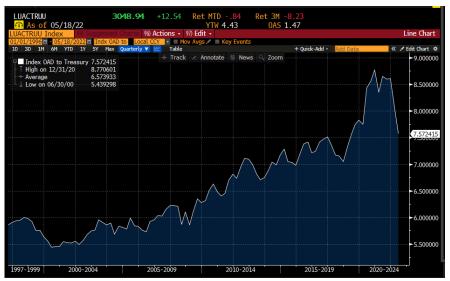
# **AGENDA**

- Corporate bond market overview (focus on Investment Grade)
- Dealer/client connectivity
- Future innovation and developments
- CTC's role in the corporate bond market ecosystem



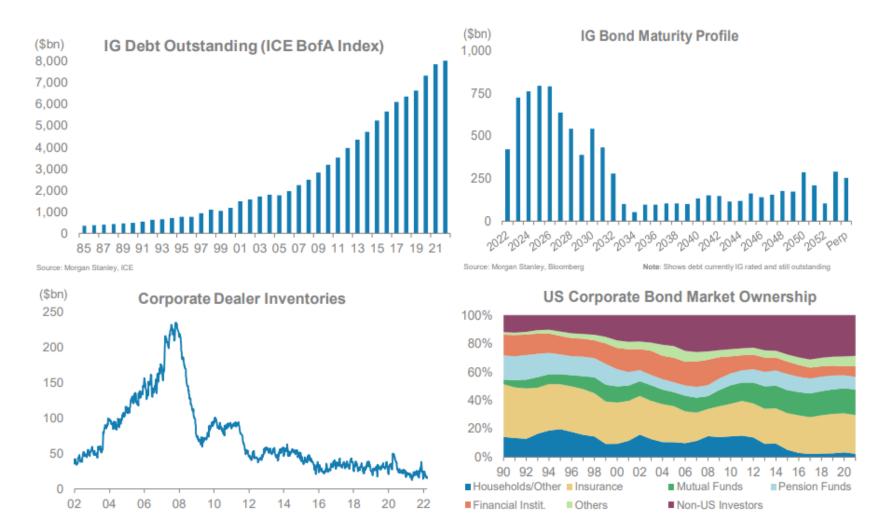
### **IG STATS**

- US Corp bond market \$12t+, and has ballooned over last decade due to rapid build-up of debt since GFC, driven by easy/expansionary monetary policies
- Average annual issuance of USD\$ corporate bonds since 2008 ~1.8 trillion (IG+HY)
- Decline in overall Investment Grade bond quality (BBB's 51% of issuance in 2019, pre GFC was 39%)
- Extension of index duration (longer maturities and increased price sensitivity)
- Use of ratings-based, passive investments has ballooned over the past decade (holdings by corporate bond ETFs have increased 10-15x over past decade)
- Bloomberg/Barclays corp index duration, and LQD spread per unit of duration:





# INVESTMENT GRADE CORPORATE BOND MARKET PROFILE

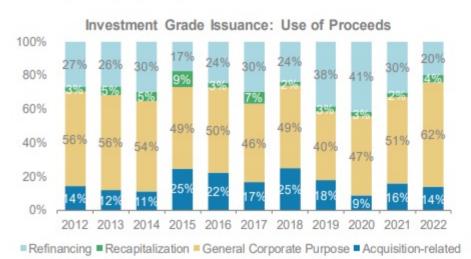




### INVESTMENT GRADE NEW ISSUANCE TRENDS



Source: Dealogic, Bloomberg, Morgan Stanley Research Note: Excludes tranches <\$100MM



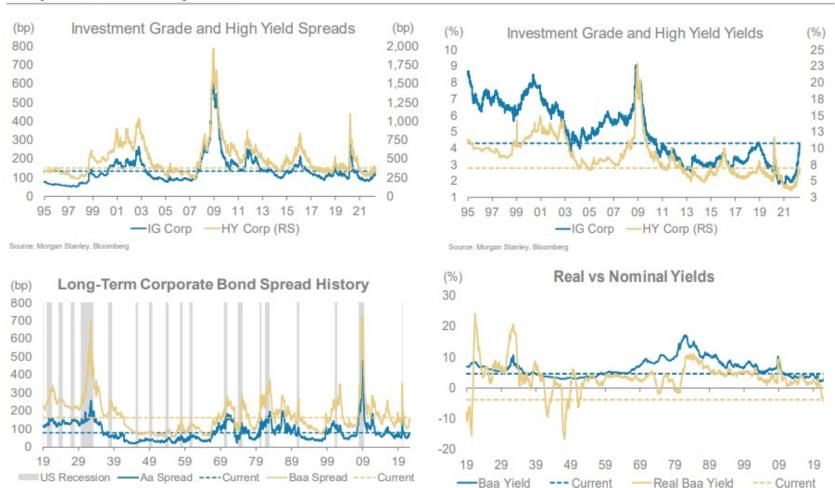
\$bn	2021YTE	2021YTD		2022YTD		YoY	
Sectors	% of Total		% of Total		Absolute	Share	
Financials	260.5	42%	304.6	50%	17%	+7.9%	
Consumer Discretionary	53.9	9%	41.1	7%	-24%	-2.0%	
Consumer Staples	22.7	4%	19.8	3%	-12%	-0.4%	
Energy	28.6	5%	17.3	3%	-39%	-1.8%	
Materials	10.3	2%	10.3	2%	0%	+0.0%	
Healthcare	22.1	4%	38.5	6%	74%	+2.7%	
Industrials	28.7	5%	39.7	7%	38%	+1.9%	
Information Technology	85.3	14%	33.1	5%	-61%	-8.3%	
Media	5.6	1%	34.5	6%	516%	+4.7%	
Telecom	39.6	6%	12.9	2%	-68%	-4.3%	
Real Estate	17.2	3%	17.3	3%	1%	+0.1%	
Utilities	46.6	7%	41.8	7%	-10%	-0.7%	
US / Yankee							
US	398.4	64%	391.0	64%	-2%	-0.2%	
Yankee	222.9	36%	220.2	36%	-1%	+0.2%	
Coupon					-		
Fixed	580.8	93%	566.5	93%	-2%	-0.8%	
Float	34.8	6%	42.2	7%	21%	+1.3%	
SOFR	27.4	79%	41.9	99%	53%	+20.5%	
Maturity Bucket							
3yr & In (1.5-3.5yr)	117.8	19%	121.5	20%	3%	+0.9%	
5yr (3.5-6yr)	126.9	20%	153.0	25%	21%	+4.6%	
7yr (6-8yr)	58.4	9%	36.7	6%	-37%	-3.4%	
10yr (8-12yr)	153.4	25%	164.2	27%	7%	+2.2%	
20yr (12-22yr)	52.5	8%	25.6	4%	-51%	-4.3%	
30yr (22-32yr)	64.9	10%	80.8	13%	25%	+2.8%	
>32yr (>32yr)	17.8	3%	18.0	3%	1%	+0.1%	
Perpetual	29.6	5%	11.3	2%	-62%	-2.9%	
Credit Quality (Median of M/S	i/F)						
AAA	4.4	1%	4.8	1%	10%	+0.1%	
AA	53.6	9%	66.2	11%	24%	+2.2%	
A	265.7	43%	277.7	45%	5%	+2.7%	
BBB	249.5	40%	230.3	38%	-8%	-2.5%	
Split	26.1	4%	17.1	3%	-35%	-1.4%	
ESG Labeled Bonds							
All ESG Labeled	24.6	4%	30.2	5%	23%	+1.0%	
Green	11.1	2%	16.8	3%	52%	+1.0%	
Sustainability	11.0	2%	10.9	2%	0%	+0.0%	
Social	2.6	0%	2.5	0%	-2%	-0.0%	
Total	621.3		611.2		-2%		

v Issuance Breakdown



# **CREDIT VALUATIONS**

### **Corporate Credit Spreads**

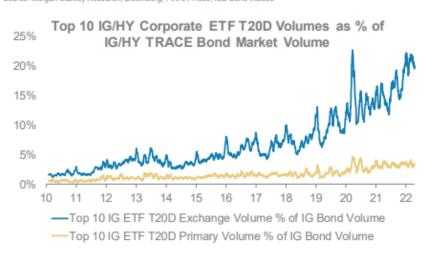


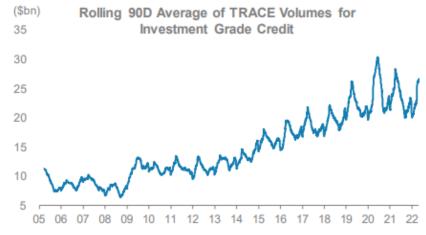


# LIQUIDITY METRICS

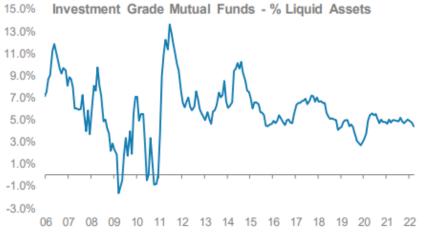


Source: Morgan Stanley Research, Bloomberg, FINRA Trace, ICE Bond Indices



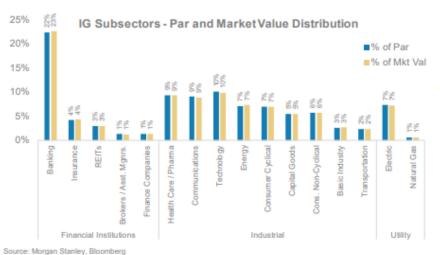


Source: Morgan Stanley Research, Bloomberg, FINRA Trace





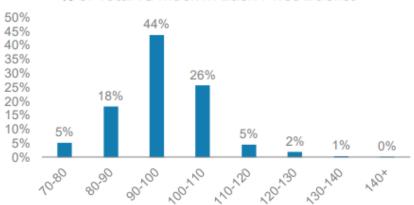
# IG MARKET DISTRIBUTION ACROSS SECTORS, RAITINGS, PRICES/SPREADS >> TREND TOWARDS LOWER AVERAGE QUALITY



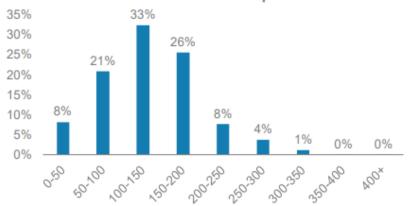


Source: Morgan Stanley, Bloomberg

#### % of Total IG Index in Each Price Bucket



#### % of Total IG Index in Each Spread Bucket





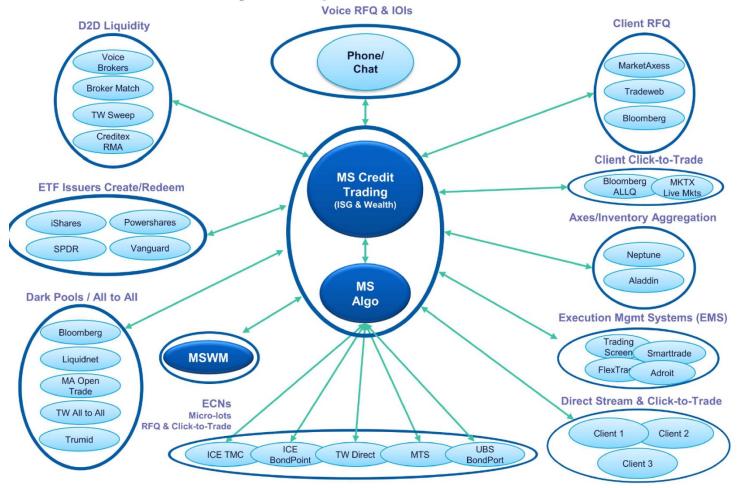
## CORP BOND PARTICIPATION AND SELL-SIDE ORGANIZATION

- Variety of investment mandates driving flows in credit:
  - Short duration: corporate cash management , mutual fund/money manager, P&C insurance, retail
  - Intermediate duration: P&C/Life insurance (domestic and overseas),
    mutual fund/money manager, retail
  - Long duration: Life insurance (domestic and overseas), pension, mutual fund
- Dealer community set up to provide liquidity in a durationspecific manner
  - <5yr traders</p>
  - >5yr traders
- Investment mandates and line trader organization can drive inefficiencies and relative value opportunities in IG credit



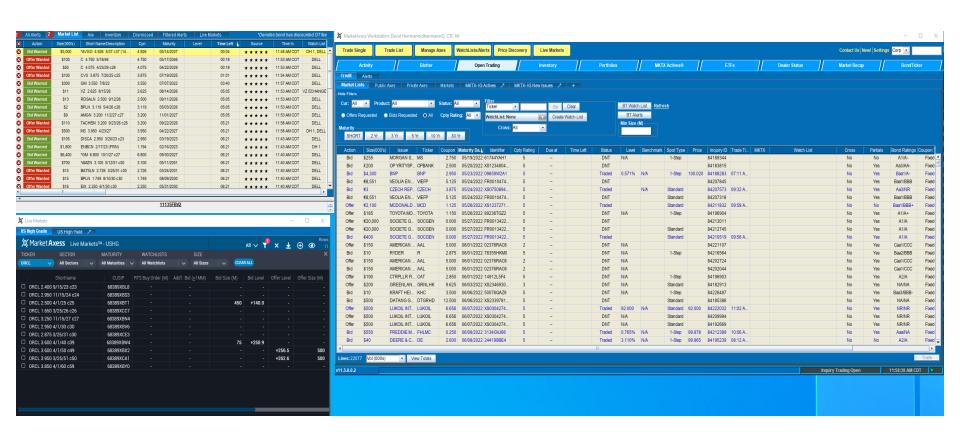
# CREDIT CONNECTIVITY (DEALER PERSPECTIVE)

## A web of connectivity in Corporate Credit





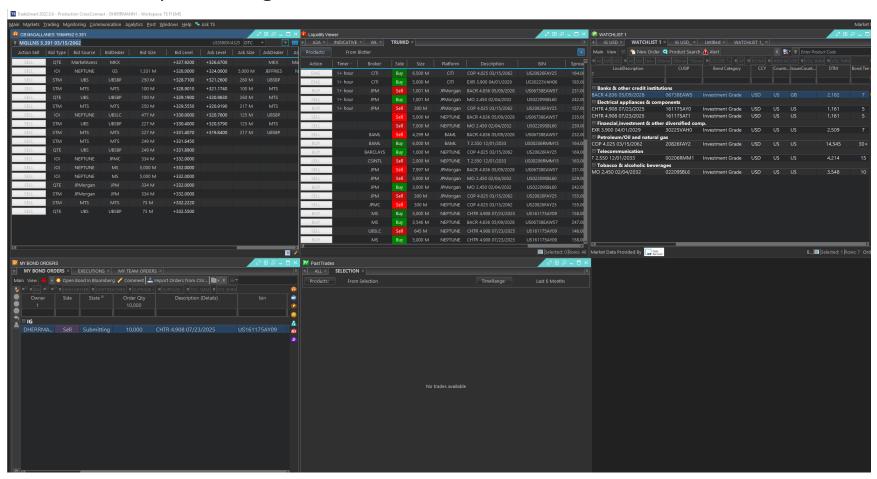
# MARKETAXESS OWNS ~90% OF E-TRADING FLOWS IN CREDIT





# DATA AGGREGATION, EXECUTION MANAGEMENT FOR BUYSIDE FUTURE INNOVATION

EMS GUI example: TradingScreen/TradeSmart





# CTC CORPORATE BOND STRATEGIES (FUNDAMENTAL/QUANTAMENTAL)

- Cover the universe of IG/XO/HY/Distressed credit
- HY/Distressed Fundamental credit work (bottoms up)
- IG/XO/EM Quant focused, relative value, macro (top-down)
  - Full duration spectrum of corporate bond issuance in IG allows us to dig into relative value across an issuer curve.
  - The size of the market relative to the amount of intermediation creates dislocations in value across issuer curves
  - CTC has a short, medium, and long horizon approach to investing for absolute returns in IG/XO/EM credit
- Strategies include: ETF vs CDX basis, Convexity trading/credit curve relval (DM/EM), sector specific/directional trading, event-driven trading (corporate actions)
- Systematic (black box), quasi-systematic (grey box), and fundamental/nonsystematic strategies
- Benefit from thinking about the credit market holistically, working with dealer counterparties, and evolving with the market





**CREDIT MARKET OVERVIEW** 

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