

# J.P. Morgan Global Corporate Index:Investment Grade (GCI IG)

The J.P. Morgan Global Corporate Index: Investment Grade (GCI IG) is a composite benchmark that tracks the Investment Grade corporate bonds, across US-Dollar, Euro and Sterling denominated currencies in both the **Developed and Emerging markets.** The GCI IG index is a sub-set of the flagship GCI Aggregate index and closely follow the same index criteria. To complement the GCI series, we also provide an ESG variant (<u>JESG GCI</u>) of it for investors with ESG aligned mandates.

- Broad ranging coverage due to expansive inclusion criteria: The GCI IG index includes IG rated (BBB- & above) corporate debt denominated in USD, EUR, & GBP currencies, which make up 70%, 26%, and 4% of the index, respectively. The index uniquely features the inclusion of floating rate note, perpetual notes, Tier 2, non-contingent convertible Tier 1 capital, and nonregistered securities among others.
- **Granular index breakout:** The GCI IG index offers depth and transparency with over 3,500 sub-indices available, across denominated currency, credit rating, market classification, geographical region, corporate sector, maturity bucket, registration type, and seniority.
- Data access: Daily index levels and statistics are available since December 31, 2012. The GCI IG index can be accessed via J.P. Morgan Markets (here) and Bloomberg (via GCIAIIGL Index).
- Contact information: For more information about the GCI suite of indices, please contact GCI Index Research@jpmorgan.com. For index licensing questions, please contact Index.licensing@jpmorgan.com.

Table 1: GCI IG Performance

Statistics	GCHG	GCI IG DM	GCI IG EM	GCI USD IG	GCI EUR IG	GCI GBP IG
TR 2013	1.24	1.43	-0.95	-1.26	6.96	3.49
TR 2014	3.70	3.67	3.99	7.09	-5.12	5.90
TR 2015	-3.23	-3.36	-1.82	-0.33	-10.65	-5.03
TR 2016	3.74	3.60	5.64	5.41	1.46	-5.99
TR 2017	9.14	9.29	7.01	6.31	16.41	14.68
TR 2018	-3.32	-3.52	-0.49	-1.98	-5.93	-7.90
TR 2019	11.13	11.17	10.58	13.45	4.11	15.58
TR 2020	10.28	10.49	7.49	9.46	12.00	12.56
TR 2021	-2.97	-3.14	-0.74	-0.97	-7.97	-4.03
TR 2022	-15.92	-16.07	-13.94	-14.42	-17.99	-27.50
YTD 2023	4.54	4.58	3.83	3.65	6.45	8.44
Cumulative Return	16.22	15.94	19.93	26.29	-5.62	1.45
Annualized Return	1.42	1.40	1.72	2.21	-0.54	0.13
Annualized Volatility	6.17	6.31	4.87	5.67	8.97	12.27
Sharpe Ratio	0.05	0.04	0.11	0.16	-0.13	-0.05
Excess Return (U.S. Treasuries)	0.22	0.21	0.40	0.70	-0.88	-0.47
Yield to Worst	5.25	5.22	5.78	5.49	4.19	5.99
Spread to Worst (bps)	139	138	166	133	160	161
Modified Duration to Worst (yrs)	5.96	6.06	4.68	6.46	4.54	6.12

ratio in whole number.

# Source: J.P. Morgan. Data as of July 31, 2023 (in US \$). Returns, volatility & yield expressed in percentage terms and Sharpe

### **Global Index Research**

### Index Research AC

Index.Research@jpmorgan.com J.P. Morgan Securities LLC

Index Facts	
Inception Date	December 2012
Launch Date	November 2021
Rebalance Date	Last weekday of the month
Holiday Calendar	All Weekdays
Pricing Source	Mid-price from third party evaluation vendor (PricingDirect)
FX Spot/Forward Rate	WM Reuters 4pm London Close
Coupon Reinvestment	All coupons received are immediately reinvested back into the index



**Table 2: GCI IG Index Criteria** 

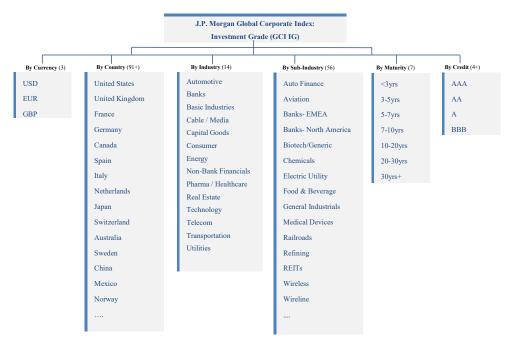
Criterion							
Inception Date	31-Dec-12						
Minimum Amount Outstanding	\$250mm	€250mm	£150mm				
Minimum Maturity	Entry: Minimum 24 months till maturity  To Remain: 6 months till maturity						
Instrument Type	Tier 2, non-contingent corsubordinated financial bonds  Exclude: structured bonds a collateral trust and equipment	nvertible T1 capital, non-resexcept AT1 or RT1.	bonds and bonds with non-				
Collateral	Exclude: covered, mortgage backed, asset backed, bank guaranteed, government guaranteed						
Country	All countries across developed and emerging markets						
Issuer	Include: All corporate Issuers  Exclude: Sovereign and Quasi-Sovereign Issuers (100% government-owned or guaranteed)						
Defaulted Issues	Upon default, the issue is removed from the index on the month-end after the grace period (if any)						
Credit Quality Classification	available from S&P, Moody	one rating is provided.	grules:				
Fallen Angels / Rising Stars		en investment grade and high g changes up to and includir					
Holiday	Index levels are produced on all weekdays.     Instrument returns and analytics will follow the respective currency calendar, i.e., SIFMA and EMTA for USD instruments and SIFMA for Euro and Sterling securities. On the holiday, instrument returns and analytics will be rolled from the previous weekday.						
Pricing Source	PricingDirect						
FX Source	WM/Reuters 4PM London (						
Return Calculations	prices	as a market-weighted averag	e of bond returns using mid				
Rebalance Date	Last weekday of the month						

Source: J.P. Morgan.

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# **Granular Index Breakout**

The GCI IG index provides over 3,500 discrete sub-indices to offer enhanced transparency and granularity into the corporate market. The index also adopts a harmonized industry classification methodology consisting of **14 industries** and **56 sub-industries**. Sub-indices are available by denominated currency, country of risk, corporate sector, maturity bucket, and credit maturity. The GCI IG sub-index categories are illustrated below, with the number of categories in each attribute indicated in bracket.



## **GCI IG Rebalance**

Index rebalancing occurs monthly on the last weekday of each month. A new issue that meets the index inclusion criteria will be assessed for inclusion at the month-end rebalance provided its settlement date falls on or before the month-end rebalance date of the same month. Bonds that fail to comply with the index criteria will be removed. Full or partial calls, taps or buybacks, and any rating changes are also reflected at this time. Please refer the below screenshot to plausible index actions when a call announcement for a bond is made:

Walking through a call scenario						
Call annouced with callable date	<b>Index Action</b>	Call annouced with callable date	Index Action	Call annouced with callable date	Index Action	
Mar 19, 2023	Bond will be excluded in March rebalance	Apr 21, 2023	Bond will be excluded in March rebalance	May 31, 2023	Bond will be excluded in May	

The GCI IG index is produced every weekday of the year, security level pricing is sourced from a third-party valuation vendor (Pricing Direct) ensuring transparency and consistency at 4pm London close (EUR & GBP bonds) and at 4pm NY close (USD bonds).

Index Research AC Index.Research@jpmorgan.com J.P. Morgan Securities LLC

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