

Credit Benchmark's Financial Counterparts Monitor is based on the contributed credit risk estimates from 40+ global financial institutions and shows the changing creditworthiness of different groups of financial counterparts. Credit Benchmark has a Credit Consensus Rating and accompanying detailed analytics for 57,000+ legal entities globally which are available to clients under license, via our Web App, Excel add-in, API or flat-file download.

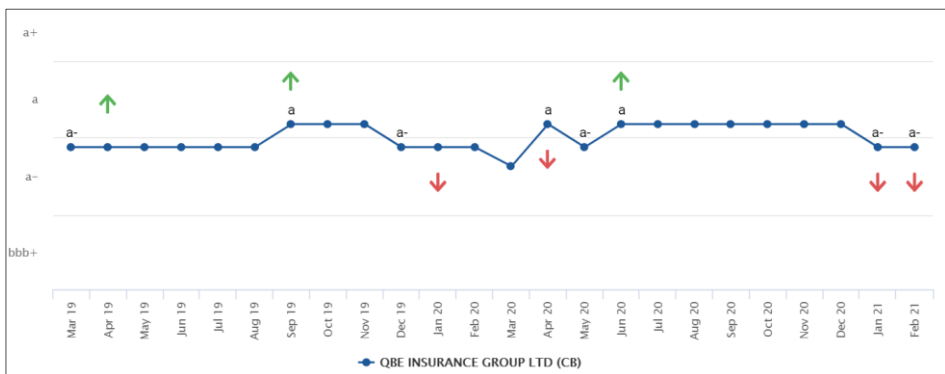
The upper table summarises the number of entities per counterpart category with a Credit Consensus Rating, their month-on-month changes in credit distribution, and their transitioning credit quality. Further below is an example of the detailed analytics that are available at an individual entity level.

To understand the creditworthiness of the financial counterparts that matter to you and to be alerted to their changing Credit Consensus Ratings, please email [info@creditbenchmark.com](mailto:info@creditbenchmark.com).

Financial Counterpart	Total	% Publicly Rated <sup>1</sup>	Credit Consensus Distribution - MoM Change <sup>2</sup>							Credit Transition <sup>3</sup>			
			aaa	aa	a	bbb	bb	b	c	↑UG	↓DG	Ratio <sup>4</sup>	IG to HY <sup>5</sup>
<b>Banks</b>													
Central Banks	100	5%	0	0	1	-2	-2	-3	1	7%	8%	1.1	1
Globally Systemically Important Banks	30	100%	0	0	0	0	0	0	0	7%	10%	1.5	0
Banks - Global	1781	92%	0	-5	2	2	-9	3	0	2%	5%	2.6	4
Banks - North America	303	19%	0	0	-2	-1	2	1	0	2%	6%	2.8	0
Banks - Latin America	118	27%	0	0	0	1	-3	0	0	1%	4%	5.0	0
Banks - EMEA	913	23%	0	-4	3	3	-9	1	0	3%	6%	2.2	3
Banks - APAC	447	23%	0	-1	1	-1	1	1	0	1%	5%	3.5	1
<b>Intermediaries</b>													
Central Clearing Counterparts (CCP)	40	15%	0	0	2	-1	0	0	0	3%	3%	1.0	0
CCP Members	829	19%	0	-2	2	3	5	-1	0	4%	10%	2.6	1
Prime Brokers	24	92%	0	0	0	0	0	0	0	8%	13%	1.5	0
Broker Dealers	239	3%	0	-1	2	-3	-1	0	0	6%	2%	0.4	1
Custodians and Sub Custodians	147	54%	0	0	1	2	-3	1	0	3%	6%	1.8	0
<b>Buy Side Managers</b>													
Asset Managers	680	2%	0	6	0	-2	8	0	0	3%	2%	0.9	4
Insurance Companies	1227	6%	0	7	-3	9	0	4	-1	3%	3%	0.9	0
<b>Buy Side Owners</b>													
Mutual Funds	14576	0%	0	36	-156	30	12	-1	0	1%	1%	1.0	4
Pension Funds	1138	0%	0	-5	-1	9	0	1	0	4%	3%	0.8	0
Sovereign Wealth Funds	17	10%	0	1	-1	0	0	0	0	0%	0%	0.0	0

**Sample Financial - QBE INSURANCE GROUP LTD - Consensus Analytics**

Credit Benchmark can provide a Credit Consensus Rating for 57,000+ legal entities. QBE INSURANCE GROUP LTD's associated consensus metrics are displayed below to showcase the level of detail we can provide on any of these 57,000+ entities.



Credit Consensus Rating <sup>6</sup>	a-	
Distribution <sup>7</sup>	a+	to bbb+
Contributor Count <sup>8</sup>	7	
Agreement Indicator <sup>9</sup>	0   3 High	
Dispersion <sup>9</sup>	0.4	
Outlier Indicator <sup>10</sup>	Balanced	
Skew Direction <sup>10</sup>	-3   3 0.6	

**% Publicly Rated<sup>1</sup>:** The percentage of entities which also hold a public rating from a major credit rating agency.  
**Credit Consensus Distribution - MoM Change<sup>2</sup>:** The net increase or decrease of entities in the given rating category since last update.  
**Credit Transition<sup>3</sup>:** Assesses the month over month observation-level net percentage of upgrades and downgrades.  
**Ratio<sup>4</sup>:** Ratio of Deteriorations and Improvements calculated as Deteriorations / Improvements  
**IG to HY Migration<sup>5</sup>:** The number of entities that have migrated from investment-grade to high-yield since last update.

**Credit Consensus Rating<sup>6</sup>:** Average Rating across all contributing financial Institutions  
**Distribution<sup>7</sup>:** Best contributed rating to worst contributed rating  
**Contributor Count<sup>8</sup>:** Total number of contributors ("Min" indicates 3-5 contributors)  
**Agreement Indicator & Dispersion<sup>9</sup>:** Both measure how closely packed the consensus range is.  
**Outlier Indicator & Skew Dispersion<sup>10</sup>:** Both measure how significant the outliers within the consensus are.  
**Note:** Data collected and released at end of each month takes into account credit risk estimates as at end of previous month.