

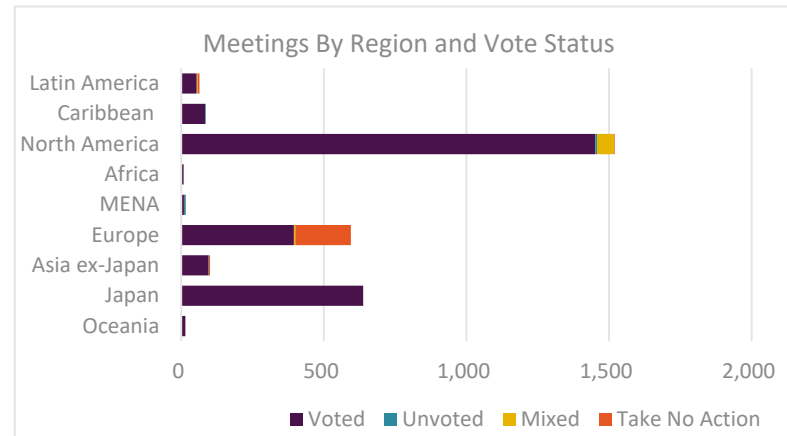


PROXY VOTING ACTIVITIES 01 January 2020 – 31 December 2020

Voting Activity by Region

The data presented in the chart and the table below is the number of company meetings at which one or more of the funds and accounts managed by Marshall Wace LLP (or its affiliates) had a shareholding that was eligible to vote.

The data is arranged by geographical location of the company domicile and is shown for the period 01 January 2020 – 31 December 2020.



Region	Country/Region	Voted	Unvoted	Mixed	No Action	Total
Total for all Regions		2,750	15	68	209	3,042
Americas						
	Canada	78	2	2	1	83
	United States	1,374	4	58	1	1,437
	Caribbean	84	2	0	0	86
	Latin America	54	0	3	7	64
APAC						
	Japan	638	0	0	0	638
	China	46	0	0	0	46
	Korea, Republic of	24	1	0	0	25
	Asia other	26	0	0	4	30
	Oceania	14	0	0	0	14
EMEA						
	Germany	122	0	3	1	126
	Netherlands	81	0	1	1	83
	UK, Ireland and UK territories	71	0	1	1	93
	Europe - other	101	0	0	192	293
	Middle East	9	6	0	1	16
	Africa	8	0	0	0	8

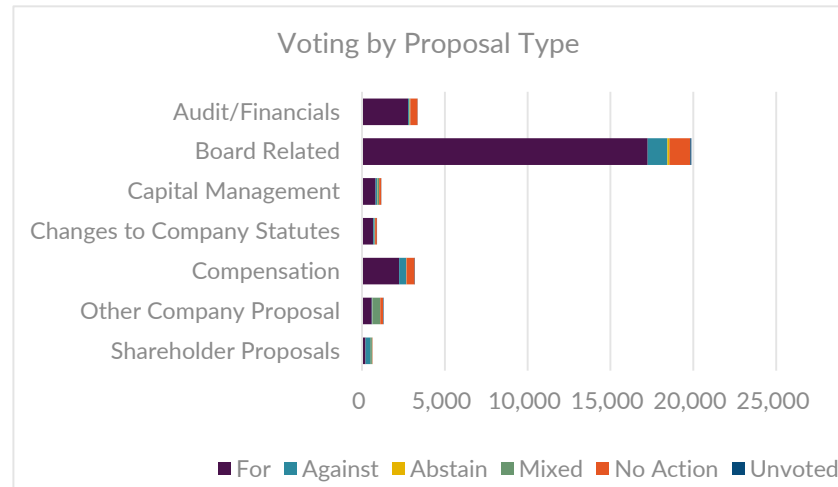
Voting Activity by Proposal Type



PROXY VOTING ACTIVITIES 01 January 2020 – 31 December 2020

The data presented in the chart and the table below is the number of proposals at company meetings at which one or more of the funds and accounts managed by Marshall Wace LLP (or its affiliates) had a shareholding that was eligible to vote.

The data is arranged by the proposal categories defined by the firm's proxy voting adviser Glass-Lewis and is shown for the period 01 January 2020 – 31 December 2020.



Proposal Category Type	For	Against	Abstain	Mixed	No Action	Unvoted	Total
Totals	24,586	2,247	192	716	2,578	150	30,568
Company Proposals							
Audit/Financials	2,786	54	29	73	427	7	3,376
Board Related	17,245	1,197	115	469	1,258	73	20,357
Capital Management	825	116	13	11	115	9	1,089
Changes to Statutes	687	83	6	20	101	9	906
Compensation	2,240	430	9	90	489	23	3,380
M&A	240	8	0	1	15	2	266
Meeting Administration	271	30	1	1	109	4	416
Other	78	11	2	0	37	23	151
Shareholder Proposals ("SHP")							
SHP: Compensation	4	41	1	7	0	0	53
SHP: Environment	10	33	0	0	0	0	43
SHP: Governance	148	174	13	28	27	0	390
SHP: Social	49	68	3	16	0	0	136
SHP: Miscellaneous	3	2	0	0	0	0	5