



Monthly Clearing Volumes

Derivatives	Notional Volume in EUR (in billions) - single counted												Traded Contracts (in thousands) - single counted												
	YTD	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Equity Index Derivatives	28,419	2,855	2,998	4,887	2,180	2,743	3,675	2,581	2,885	3,614			637,800	66,241	65,047	125,739	49,048	59,898	81,508	52,570	59,365	78,383			
Interest Rate Derivatives	67,578	6,805	7,439	11,949	5,061	6,751	8,714	5,802	6,550	8,507			559,495	54,736	61,371	99,677	41,483	55,541	72,088	48,032	54,862	71,706			
Equity Derivatives	741	90	72	108	77	90	96	59	61	87			192,437	20,076	16,072	30,535	22,468	23,650	25,042	15,273	16,512	22,808			
Dividend Derivatives	100	15	12	17	8	10	12	7	8	12			15,198	2,018	1,666	2,267	1,576	1,703	1,730	1,177	1,030	2,031			
Volatility Index Derivatives	28	3	4	6	2	3	2	2	3	2			13,338	1,292	1,790	2,325	1,057	1,520	1,298	1,256	1,441	1,359			
ETF & ETC Derivatives	4	1	0	0	0	0	1	1	0	1			1,097	166	48	86	38	115	201	177	104	162			
Commodity Derivatives	1	0	0	0	0	0	0	0	0	0			20	0	0	5	1	0	6	0	0	6			
Foreign Exchange Derivatives	55	3	2	17	2	2	14	2	3	10			1,235	101	122	282	58	74	203	108	122	164			
Sum	96,926	9,771	10,528	16,984	7,330	9,600	12,515	8,455	9,510	12,233	0	0	4,420,618	144,631	146,117	260,916	115,729	142,502	182,078	118,592	133,435	176,617	0	0	

Derivatives	Number of Trade Transactions (in thousands) - single counted												
	YTD	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Equity Index Derivatives	60,873	6,957	7,117	11,034	4,823	6,018	6,188	5,457	6,658	6,621			
Interest Rate Derivatives	82,556	9,205	8,748	16,111	7,212	8,829	8,925	7,606	7,808	8,113			
Equity Derivatives	1,879	283	213	277	169	190	196	180	189	182			
Dividend Derivatives	136	22	14	22	12	14	15	9	12	16			
Volatility Index Derivatives	1,640	165	185	334	124	177	152	154	192	158			
ETF & ETC Derivatives	11	2	1	2	1	1	1	1	1	1			
Commodity Derivatives	0	0	0	0	0	0	0	0	0	0			
Foreign Exchange Derivatives	218	24	29	35	22	16	18	27	29	18			
Sum	147,314	16,657	16,308	27,815	12,363	15,246	15,494	13,433	14,889	15,109	0	0	0

OTC Derivatives	Notional Volume in EUR (in billions) - double counted												Cleared Trades - double counted												
	YTD	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Interest Rate Derivatives (IRD)*	35,853	7,377	4,513	3,930	2,863	3,333	3,799	3,979	3,078	2,980			204,064	34,826	24,538	23,218	18,090	20,828	23,150	21,974	18,300	19,140			
IRD Compression - New Vol	8,372	0	2,837	0	0	0	0	2,901	0	2,634			28,378	0	8,453	0	0	0	0	8,533	0	11,392			

*Excluding volume generated by OTC post trade events



Securities	Notional Volume in EUR (in billions) - single counted; Xetra and FWB												Cleared Trades (in thousands)												
	YTD	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Equities	919	105	112	138	84	105	104	87	91	93				74,025	9,288	8,529	11,018	6,953	7,936	7,987	7,198	7,659	7,457		
Bonds	3	0	0	1	0	0	0	0	0	0				28	2	2	4	3	3	3	3	4	4		
Sum	921	105	112	138	84	105	105	88	91	94	0	0	0	74,053	9,290	8,531	11,022	6,956	7,938	7,990	7,201	7,664	7,461	0	0



Repo	Average daily amounts outstanding in EUR (in billions) - double counted											
	Repo including GC, GC Pooling, GC Select and Specials											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Repo	365	363	404	431	475	498	500	475	507			
Sum	365	363	404	431	475	498	500	475	507	0	0	0