VII OTC derivatives statistics (BIS)

1 The global OTC derivatives market: Nominal and market value of contracts outstanding with leading banks *

€ billion

End of half-year	Nominal values										
	Derivative contracts, total [1]	Foreign exchange contracts [2]				Interest-rate contracts [3]				Credit derivatives [4]	
		Total	with reporting banks [6]	with other banks and financial institutions [7]	with non-financial corporations	Total	with reporting banks [6]	with other banks and financial institutions [7]	with non-financial corporations	Total	with reporting banks [6]
	1	2	3	4	5	6	7	8	9	10	11
Contracts reported by 74 reporting banks world-wide [8]											
2009 H2	375,280	34,139	13,117	14,886	6,136	312,283	96,196	191,370	24,717	22,693	12,298
2010 H1	443,613	43,316	16,237	19,131	7,948	368,211	107,675	229,835	30,701	24,661	12,855
H2	420,230	43,255	16,432	19,186	7,637	348,196	100,646	219,645	27,905	22,375	11,300
2011 H1	456,920	44,765	18,107	19,964	6,694	382,786	110,165	245,930	26,691	22,424	12,003
H2	467,732	48,984	21,604	20,029	7,351	389,612	121,608	239,986	28,018	22,124	12,854
2012 H1	474,456	52,958	23,419	21,873	7,666	392,714	110,521	251,712	30,481	21,392	12,508
H2	450,109	51,053	21,854	21,852	7,347	373,356	88,591	258,593	26,172	19,001	10,724
2013 H1	513,320	55,903	23,463	24,279	8,161	431,707	79,596	325,305	26,806	18,616	10,495
H2	496,801	51,159	22,628	22,154	6,377	424,045	69,438	342,158	12,449	15,242	8,015
2014 H1	488,230	54,753	23,408	24,674	6,671	412,425	61,883	339,011	11,531	14,250	6,985
H2	498,905	61,810	26,270	27,939	7,601	416,310	57,569	347,095	11,646	13,507	6,356
2015 H1	475,398	65,786	27,426	29,428	8,932	388,334	54,484	321,545	12,305	13,043	5,812
H2	436,506	64,707	27,492	28,647	8,568	352,737	49,706	289,488	13,543	11,291	5,007
2016 H1	469,072	66,831	28,873	30,095	7,863	384,412	42,473	332,161	9,778	10,594	4,588
H2	430,705	65,077	28,780	28,308	7,989	349,171	38,709	300,453	10,009	9,351	3,548
2017 H1	447,387	67,454	29,352	29,904	8,198	364,264	34,688	319,558	10,018	8,451	2,584
H2	442,894	72,593	30,124	32,589	9,880	355,472	33,953	310,071	11,448	7,799	1,935
2018 H1	509,529	82,119	34,834	37,149	10,136	412,356	34,411	365,558	12,387	7,159	1,714
H2	474,707	79,127	32,931	36,287	9,909	381,202	34,070	335,171	11,961	7,111	1,580
2019 H1	561,605	86,570	34,705	41,363	10,502	460,123	34,222	413,649	12,252	6,862	1,380
H2	496,137	82,018	31,787	39,812	10,419	399,359	31,488	356,692	11,179	6,746	1,268
2020 H1	541,114	83,722	32,074	41,073	10,575	441,885	29,647	400,925	11,313	7,867	1,291
H2	473,632	79,464	30,225	39,043	10,196	379,911	25,527	343,994	10,390	6,813	1,028
2021 H1	512,464	86,191	31,001	44,265	10,925	410,477	25,333	374,435	10,709	7,416	936
H2	527,649	92,008	33,697	47,025	11,286	419,485	26,438	381,794	11,253	7,770	1,024
2022 H1	607,570	105,480	39,846	52,726	12,908	483,540	29,864	441,444	12,232	8,969	1,134
H2	578,419	100,838	36,616	51,164	13,058	459,782	27,090	420,455	12,237	9,121	1,096
2023 H1	656,791	110,643	41,059	56,284	13,300	527,758	29,348	485,030	13,380	9,112	1,044
of which: contracts reported by German banks											
2009 H2	49,373	4,137	1,656	2,046	435	41,899	11,425	29,255	1,219	2,640	1,616
2010 H1	57,453	4,948	1,962	2,451	535	48,584	12,690	34,484	1,410	2,909	1,651
H2	54,806	5,029	1,974	2,542	513	46,371	10,732	34,384	1,255	2,534	1,251
2011 H1	59,126	5,504	2,121	2,811	572	50,159	10,958	37,861	1,340	2,536	1,302
H2	57,720	5,388	2,065	2,740	583	48,893	11,343	36,110	1,440	2,609	1,287
2012 H1	56,683	5,734	2,092	3,054	588	47,634	10,520	33,192	3,922	2,459	1,169
H2	50,587	5,194	1,871	2,767	556	42,837	8,270	33,061	1,506	1,856	1,003
2013 H1	52,335	5,482	1,827	3,096	559	44,125	7,151	35,763	1,211	1,945	980
H2	49,317	4,709	2,354	1,831	524	42,293	7,084	34,155	1,054	1,711	819
2014 H1	49,663	5,323	2,349	2,434	540	41,925	6,274	34,657	994	1,814	418
H2	45,077	5,288	2,506	2,201	581	37,800	6,448	30,387	965	1,411	311
2015 H1	39,052	4,983	2,441	1,962	580	32,024	5,826	25,247	951	1,377	209
H2	35,107	5,122	2,456	2,094	572	28,101	5,082	22,160	859	1,327	.
2016 H1	38,880	5,017	2,476	1,991	550	31,899	4,216	26,962	721	1,306	.
H2	36,514	4,419	2,263	1,645	511	30,198	3,818	25,754	626	1,362	.
2017 H1	41,109	4,404	2,283	1,646	475	34,696	3,293	30,840	563	1,477	.
H2	44,225	4,496	2,322	1,707	467	37,683	2,669	34,513	501	1,577	.
2018 H1	47,806	5,107	2,763	1,870	474	41,313	2,751	38,076	486	921	.
H2	38,799	4,496	2,351	1,693	452	33,160	2,719	29,924	517	735	.
2019 H1	41,124	4,608	2,319	1,822	467	35,346	2,786	31,998	562	740	.
H2	38,628	4,607	2,180	1,937	490	33,167	2,623	30,050	494	642	.
2020 H1	41,596	4,384	2,136	1,722	526	36,167	2,382	33,294	491	893	.
H2	39,362	4,351	2,084	1,780	487	34,136	2,029	31,684	423	766	.
2021 H1	42,123	4,517	2,110	1,898	509	36,669	2,036	34,217	416	828	.
H2	44,112	5,103	2,432	2,083	588	37,977	2,002	35,563	412	962	.
2022 H1	53,574	6,301	2,802	2,783	716	46,010	2,270	43,290	450	1,184	.
H2	47,174	6,100	2,717	2,728	655	39,589	2,140	37,021	428	1,411	.
2023 H1	56,230	6,710	2,927	3,127	656	48,277	2,296	45,551	430	1,177	.

***** These data stem from the semi-annual OTC derivatives statistics of the Bank for International Settlements (BIS). Approximately 74 leading banks domiciled in the G-10 countries report these statistics (on group basis, i.e. including branches and subsidiaries); these institutions account for a share of more than three-quarters of the global OTC derivatives market. Five German banks actively involved in the derivatives business participate in the survey. Data are collected on OTC contracts outstanding at end-June and end-December. **1** From mid-2004 including credit derivatives. **2** Outright forwards and FX swaps, currency swaps and currency options. **3** Forward rate

VII OTC derivatives statistics (BIS)

				Market values						
with other banks and financial institutions [7]	with non-financial corporations	Index-related and stock-related contracts [5]	Commodity-contracts [5]	Derivative contracts, total [1]	Foreign exchange contracts [2]	Interest-rate contracts [3]	Credit derivatives [4]	Index-related and stock-related contracts [5]	Commodity-contracts [5]	End of half-year
12	13	14	15	16	17	18	19	20	21	
Contracts reported by 74 reporting banks world-wide [8]										
9,302	1,093	4,121	2,044	13,286	1,436	9,731	1,250	491	378	2009 H2
11,118	688	5,101	2,324	18,666	2,073	14,287	1,358	575	373	2010 H1
10,843	232	4,217	2,187	14,783	1,858	11,036	1,010	485	394	H2
10,256	165	4,733	2,212	12,527	1,617	9,163	931	490	326	2011 H1
9,118	152	4,623	2,389	19,577	1,996	15,458	1,226	525	372	H2
8,735	149	5,014	2,378	18,719	1,786	15,181	943	508	301	2012 H1
8,125	152	4,738	1,961	17,544	1,753	14,430	643	455	263	H2
7,973	148	5,215	1,879	14,883	1,856	11,650	554	529	294	2013 H1
7,091	136	4,757	1,598	13,126	1,656	10,297	474	508	191	H2
7,116	149	5,187	1,615	12,276	1,262	9,856	465	496	197	2014 H1
6,989	162	5,739	1,539	16,510	2,418	12,838	488	504	262	H2
7,047	184	6,742	1,493	13,314	2,269	9,886	405	542	212	2015 H1
6,109	175	6,559	1,212	12,804	2,369	9,320	387	455	273	H2
5,868	138	5,973	1,262	17,685	2,777	13,968	307	464	169	2016 H1
5,662	141	5,825	1,281	13,179	2,820	9,479	277	448	155	H2
5,731	136	5,990	1,228	10,329	2,041	7,447	260	462	119	2017 H1
5,684	180	5,477	1,553	9,122	1,912	6,320	253	479	158	H2
5,243	202	6,065	1,830	8,846	2,247	5,699	200	522	178	2018 H1
5,294	237	5,605	1,662	8,416	1,971	5,591	163	499	192	H2
5,214	268	6,192	1,858	10,568	1,959	7,738	188	509	174	2019 H1
5,228	250	6,119	1,895	10,290	1,985	7,434	177	519	175	H2
6,298	278	5,766	1,874	13,797	2,348	10,464	164	588	233	2020 H1
5,540	245	5,773	1,671	12,838	2,588	9,224	165	685	176	H2
6,276	204	6,316	2,064	10,592	2,030	7,523	173	614	252	2021 H1
6,539	207	6,428	1,958	10,952	2,250	7,604	175	578	345	H2
7,715	120	6,729	2,852	17,578	4,551	11,365	203	573	886	2022 H1
7,928	97	6,487	2,191	19,362	4,543	13,721	137	473	488	H2
7,982	86	7,213	2,065	18,164	3,967	13,240	155	525	277	2023 H1
of which: contracts reported by German banks										
975	49	506	191	1,447	171	1,040	143	65	28	2009 H2
1,216	42	810	202	2,033	244	1,533	156	73	27	2010 H1
1,227	56	672	200	1,611	213	1,201	112	58	27	H2
1,214	20	718	209	1,379	191	1,013	98	53	24	2011 H1
1,308	14	608	222	1,979	219	1,543	136	50	31	H2
1,276	14	639	217	1,969	182	1,602	106	49	30	2012 H1
837	16	570	130	1,749	172	1,439	77	39	22	H2
953	12	634	149	1,362	180	1,061	57	46	18	2013 H1
880	12	495	109	1,074	154	817	49	41	13	H2
1,383	13	496	105	1,081	117	853	58	40	13	2014 H1
1,091	9	535	43	1,346	208	1,035	54	42	7	H2
1,159	9	635	33	1,124	196	838	42	43	5	2015 H1
1,139	.	526	31	1,080	192	802	43	37	6	H2
972	.	631	27	1,326	201	1,044	35	41	5	2016 H1
1,094	.	506	29	1,035	204	754	40	33	4	H2
1,256	.	510	22	864	150	628	46	37	3	2017 H1
1,413	.	450	19	798	127	580	53	35	3	H2
785	.	441	24	754	151	543	22	33	5	2018 H1
616	.	386	22	699	123	525	15	31	5	H2
646	.	399	31	933	108	772	20	29	4	2019 H1
567	.	186	26	927	106	785	20	13	3	H2
829	.	129	23	1,117	118	964	18	13	4	2020 H1
711	.	88	21	982	137	804	24	14	3	H2
778	.	85	24	725	102	579	29	10	5	2021 H1
900	.	45	25	698	147	507	31	9	4	H2
1,119	.	39	40	972	224	720	16	7	5	2022 H1
1,346	.	36	38	1,102	215	865	15	4	3	H2
1,108	.	34	32	1,018	167	826	18	4	3	2023 H1

agreements, interest rate swaps and interest rate options. **4** Only credit default swaps. The data are recorded for the first time for the second half of 2004. **5** Forwards, swaps and options. **6** Transactions between reporting institutions which are reported by both counterparties involved are recorded only once in the statistics. Conversely, the results of the German reporting institutions shown in the lower part of the table contain certain double countings; covering transactions with the five German reporting banks concluded with each other. **7** Including insurance corporations. **8** Up to and including June 2017 excluding "other" contracts valued by the BIS.