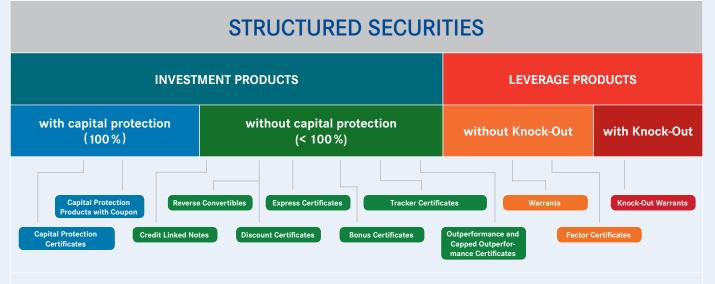
Stock Exchange Turnover

in Derivatives



Exchange turnover totals EUR 3.4 billion in June

Brisk trading in leverage products



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DDV Classification System

June I 2017

- The exchanges in Stuttgart and Frankfurt generated turnover of EUR 3.4 billion with investment and leverage products in June.
 - While trading in investment products was somewhat weaker, turnover from leverage products was up.
- Investors had a total of 539,027 investment certificates and 919,895 leverage products to choose from at the end of June.
- Among both investment products and leverage products, equities and indices accounted for more than 90 percent of trading by underlying.

Exchange turnover totals EUR 3.4 billion in June

Brisk trading in leverage products

Trading in structured products was more restrained on the exchanges in Stuttgart and Frankfurt in June. Exchange turnover in structured products and leverage products totalled EUR 3.4 billion. This corresponded to a month-on-month decrease of 6.0 percent. By contrast, the number of executed customer orders increased by 1.6 percent to 453,382. The average order size was EUR 7,547 – down 7.5 percent on one month earlier.

The trading volume for investment products came in at just under EUR 1.7 billion in June. This corresponded to 48.8 percent of the total turnover. The average order size was EUR 25,360.

Turnover in leverage products stood at EUR 1.8 billion in June, meaning that leverage products accounted for 51.2 percent of the total turnover. The average order size was EUR 4,523.

New issues

Banks issued 54,456 new investment products and 220,145 leverage products in June. As a result, a total of 539,027 investment products and 919,895 leverage products were available at the Stuttgart and Frankfurt Exchanges.

Exchange turnover by product category Investment products

Following an increase in the previous month, the turnover in most product categories fell. In particular, **Discount Certificates** and **Bonus Certificates** registered clear losses in absolute terms. Turnover in Discount Certificates dropped to EUR 627.2 million in June, for instance, while trading in Bonus Certificates came in at EUR 473.9 million at the end of the first six months. **Reverse Convertibles** registered brisk trading, thereby bucking the general trend. Their turnover rose to EUR 187.7 million. Trading in **Express Certificates** remained roughly on a par with the previous month. The exchange turnover for Capital Protection Products edged up again in June to EUR 25.0 million in total.

Leverage products

Following a sharp rise in turnover in the previous month, the picture in June remained largely bright. Turnover in Warrants increased slightly to EUR 438.6 million. Trading in Knock-Out Warrants fell to EUR 1.0 billion, while Factor Certificates recorded a sharp rise to EUR 293.8 million.

Exchange turnover by underlying

Investment products

Trading in products with indices as an underlying and equities as an underlying was down. Products with these two underlyings nevertheless accounted for 94.8 percent **>>** of turnover. Among investment products, equities were the was registered for products with equities as an underlying. most popular underlying, accounting for a 48.8 percent share. Products with commodities as an underlying saw a further fall in turnover. The figure recorded for investment in June. Together, they accounted for a 7.8 percent market products with investment funds as an underlying was also down, whilst an increase in turnover was registered for those with interest rates as an underlying.

Leverage products

The picture was mixed when it came to exchange turnover by underlying. Thanks to an increase in turnover, products with indices as an underlying further extended their market share to 56.9 percent. By contrast, a decrease in turnover

Demand was down for leverage products with both commodities as an underlying and currencies as an underlying share.

Exchange turnover

Stuttgart Exchange generated a turnover volume of EUR 2.2 billion in lune. Its market share of the total turnover stood at 64.2 percent. Frankfurt Exchange recorded a trading volume of EUR 1.2 billion. It accounted for 35.8 percent of the total exchange turnover and 46.4 percent of customer orders, while Stuttgart Exchange handled 53.6 percent.

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HSBC 🚺	WHYPOVEreinsbank	LB BBW Landesbank Baden Württemberg				
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Deutscher Derivate Verband (DDV)

Deutscher Derivate Verband (DDV), the German Derivatives Association, is the industry representative body for the leading issuers of derivative securities in Germany, who represent more than 90 percent of the German structured products market: BayernLB, BNP Paribas, Citigroup, Commerzbank, Deka-Bank, Deutsche Bank, DZ BANK, Goldman Sachs, Helaba, HSBC Trinkaus, HypoVereinsbank, LBBW, Société Générale, UBS and Vontobel. Furthermore, the Association's work is supported by sixteen sponsoring members, which include the Stuttgart and Frankfurt Exchanges, Baader Bank, the direct banks comdirect bank, Consorsbank, DAB Bank, flatex, ING-DiBa and S Broker, as well as finance portals and other service providers.

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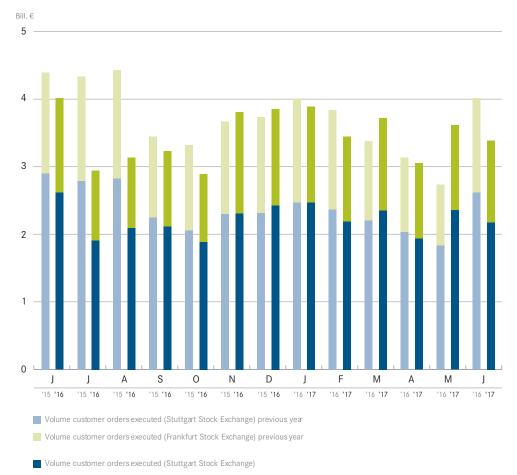
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Under the heading Presse (Media) our website www.derivateverband.de provides not only our latest media releases but also audio and video recordings for reporting (presently only available on the German website).

Year Overview Stock Exchange Turnover June 2017

Month		Total	Stuttgart Sto	ck Exchange	Frankfurt Stock Exchange			
	in T€	Number of orders	in T€	Number of orders	in T€	Number of orders		
June 2016	4,021,008	457,267	2,623,690	278,213	1,397,317	179,054		
July 2016	2,974,922	394,014	1,925,547	235,776	1,049,375	158,238		
August 2016	3,165,917	391,002	2,116,181	234,734	1,049,736	156,268		
September 2016	3,265,298	395,186	2,139,617	233,212	1,125,681	161,974		
October 2016	2,922,886	371,796	1,908,930	212,139	1,013,956	159,657		
November 2016	3,844,342	473,587	2,327,843	262,943	1,516,499	210,644		
December 2016	3,893,990	417,756	2,450,053	227,392	1,443,937	190,364		
January 2017	3,925,127	464,407	2,497,422	253,889	1,427,706	210,518		
February 2017	3,479,234	437,876	2,214,075	238,716	1,265,159	199,160		
March 2017	3,757,006	474,302	2,376,315	257,601	1,380,691	216,701		
April 2017	3,073,798	361,755	1,951,579	203,176	1,122,220	158,579		
May 2017	3,640,768	446,440	2,376,169	244,843	1,264,600	201,597		
June 2017	3,421,454	453,382	2,196,531	243,120	1,224,923	210,262		



Volume customer orders executed (Frankfurt Stock Exchange)

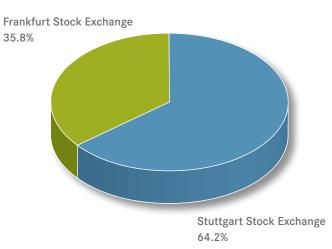
Turnover volume by stock exchange June 2017

	Stuttgart Stock	Exchange	Frankfurt Stock	Exchange		Total	
	Volume	Share	Volume	Share	Volume	Share	
Investment products with capital protection	7,505	0.3%	17,537	1.4%	25,042	0.7%	
Investment products without capital protection	1,117,990	50.9%	525,194	42.9%	1,643,184	48.0%	
Investment products total	1,125,495	51.2%	542,731	44.3%	1,668,226	48.8%	
Leverage products without knock-out	560,215	25.5%	460,593	37.6%	1,020,809	29.8%	
Leverage products with knock-out	510,821	23.3%	221,598	18.1%	732,419	21.4%	
Leverage products total	1,071,037	48.8%	682,191	55.7%	1,753,228	51.2%	
Total	2,196,531	100.0%	1,224,923	100.0%	3,421,454	100.0%	

Number of customer orders by stock exchange June 2017

Stuttgart Stock Exchange		Frankfurt Stock	Exchange		Total	
Number	Share	Number	Share	Number	Share	
388	0.2%	672	0.3%	1,060	0.2%	
43,092	17.7%	21,630	10.3%	64,722	14.3%	
43,480	17.9%	22,302	10.6%	65,782	14.5%	
124,090	51.0%	127,833	60.8%	251,923	55.6%	
75,550	31.1%	60,127	28.6%	135,677	29.9%	
199,640	82.1%	187,960	89.4%	387,600	85.5%	
243,120	100.0%	210,262	100.0%	453,382	100.0%	
	Number 388 43,092 43,480 124,090 75,550 199,640	Number Share 388 0.2% 43,092 17.7% 43,480 17.9% 124,090 51.0% 75,550 31.1% 199,640 82.1%	Number Share Number 388 0.2% 672 43,092 17.7% 21,630 43,480 17.9% 22,302 124,090 51.0% 127,833 75,550 31.1% 60,127 199,640 82.1% 187,960	Number Share Number Share 388 0.2% 672 0.3% 43,092 17.7% 21,630 10.3% 43,480 17.9% 22,302 10.6% 124,090 51.0% 127,833 60.8% 75,550 31.1% 60,127 28.6% 199,640 82.1% 187,960 89.4%	Number Share Number Share Number 388 0.2% 672 0.3% 1,060 43,092 17.7% 21,630 10.3% 64,722 43,480 17.9% 22,302 10.6% 65,782 124,090 51.0% 127,833 60.8% 251,923 75,550 31.1% 60,127 28.6% 135,677 199,640 82.1% 187,960 89.4% 387,600	

Turnover volume by stock exchange as a percentage



Number of customer orders by stock exchange as a percentage

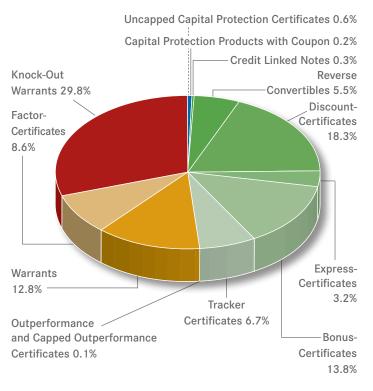
Frankfurt Stock Exchange

Turnover by product category June 2017

Product categories	Volume	Change in comparison with previous month	Share	Number of orders	Change in comparison with previous month	Share	Volume per order	Change in comparison with previous month
	in T €	in %	in %	#	in %	in %	in T €	in %
Uncapped Capital Protection Certificates	19,527	-1.8	0.6	742	-18.0	0.2	26,317	19.8
Capital Protection Products with Coupon	5,515	20.1	0.2	318	15.2	0.1	17,344	4.2
Credit Linked Notes	11,436	13.3	0.3	459	7.7	0.1	24,915	5.2
Reverse Convertibles	187,703	4.6	5.5	9,617	14.6	2.1	19,518	-8.8
Discount Certificates	627,247	-19.7	18.3	15,263	-26.4	3.4	41,096	9.1
Express Certificates	109,668	-1.8	3.2	5,276	4.6	1.2	20,786	-6.0
Bonus Certificates	473,867	-14.8	13.8	14,536	-16.4	3.2	32,600	1.9
Tracker Certificates	230,934	-7.3	6.7	19,480	-1.2	4.3	11,855	-6.2
Outperformance and Capped Outper- formance Certificates	2,329	-72.6	0.1	91	-55.0	0.0	25,592	-39.3
Investment products	1,668,226	-13.1	48.8	65,782	-10.0	14.5	25,360	-3.5
Warrants	438,624	0.1	12.8	102,427	2.2	22.6	4,282	-2.1
Factor Certificates	293,795	25.2	8.6	33,250	-4.3	7.3	8,836	30.9
Knock-Out Warrants	1,020,809	-2.5	29.8	251,923	5.7	55.6	4,052	-7.8
Leverage products	1,753,228	1.9	51.2	387,600	3.8	85.5	4,523	-1.8
Total	3,421,454	-6.0	100.0	453,382	1.6	100.0	7,547	-7.5

June I 2017

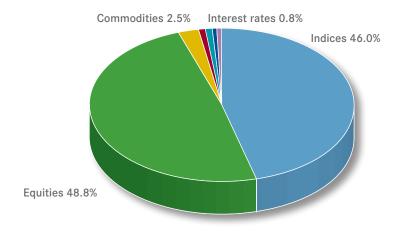




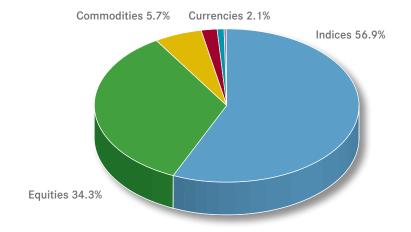
Turnover by underlying June 2017

Underlying		Change in comparison	
	Volume	with previous month	Share
	in T €	in %	in %
Investment products			
Indices	767,695	-4.8%	46.0%
Equities	813,932	-19.2%	48.8%
Commodities	41,807	-17.5%	2.5%
Currencies	12,809	12.7%	0.8%
Interest rates	13,508	12.6%	0.8%
Investment funds	11,091	-46.9%	0.7%
Other	7,384	-33.4%	0.4%
Investment products total	1,668,226	-13.1%	100.0%
Leverage products			
Indices	997,915	11.0%	56.9%
Equities	601,208	-4.9%	34.3%
Commodities	100,708	-21.6%	5.7%
Currencies	37,132	-14.8%	2.1%
Interest rates	14,318	13.7%	0.8%
Investment funds	0	0.0%	0.0%
Other	1,948	-52.3%	0.1%
Leverage products total	1,753,228	1.9%	100.0%
Total	3,421,454	-6.0%	

Investment products by underlying



Leverage products by underlying



Number of new issues June 2017

Month	Investment products										Leverage products		
	With capital	With capital protection Without ca						protection			Without knock-out		
	Uncapped Capital Protection Certificates	Capital Protection Products with Coupon	Credit Linked Notes	Reverse	Discount Certificates	Express Certificates	Bonus Certificates	Tracker Certificates		Warrants	Factor Certificates	Knock-Out Warrants	Total
January 2017	7		2	15,438	22,256	254	24,131	133		61,867	507	156,913	281,508
February 2017	7		1	14,125	14,565	282	26,837	390	52	61,844	3,377	119,679	241,159
March 2017	8		7	10,676	18,926	377	34,587	222	294	67,495	254	188,667	321,513
April 2017	7		18	7,394	10,607	305	18,625	205	40	60,865	534	149,348	247,948
May 2017	7		14	13,835	13,921	359	21,777	225	54	77,097	298	160,953	288,540
June 2017	5		24	12,417	14,618	369	26,845	149	29	61,159	1,386	157,600	274,601
1/17 - 6/17	41	0	66	73,885	94,893	1,946	152,802	1,324	469	390,327	6,356	933,160	1,655,269
1/17 //17		41				325,385	5			3	96,683	933,160	1,655,269
1/17 - 6/17				·	325,426						1,329,8	43	1,655,269

Total number of products June 2017

Month	Investment products										Leverage products			
	With capital protection Without capital protection								Without knock-out		With knock-out			
	Uncapped Capital Protection Certificates	Capital Protection Products with Coupon	Credit Linked Notes	Reverse	Discount Certificates	Express Certificates	Bonus Certificates	Tracker Certificates	Outperformance and Capped Outperformance Certificates	Warrants	Factor Certificates	Knock-Out Warrants	Total	
June 2016	1,734	230	1,418	92,185	178,414	5,052	248,923	7,756	974	383,272	4,403	305,620	1,229,981	
July 2016	1,670	217	1,430	93,217	188,371	5,246	267,845	7,899	971	418,569	4,578	332,052	1,322,065	
August 2016	1,631	199	1,458	97,593	183,486	5,440	273,314	7,993	971	431,963	4,942	345,375	1,354,365	
September 2016	1,636	188	1,456	92,947	172,760	5,589	247,231	8,265	600	397,372	4,958	330,267	1,263,269	
October 2016	1,595	181	1,411	98,790	177,512	5,681	256,722	8,339	629	419,873	5,058	348,164	1,323,955	
November 2016	1,568	175	1,419	104,867	183,460	5,839	259,488	8,395	963	458,274	5,182	355,243	1,384,873	
December 2016	1,528	164	1,421	101,351	171,253	5,759	244,505	8,431	1,434	449,896	5,686	339,791	1,331,219	
January 2017	1,494	159	1,407	111,872	186,198	5,619	256,801	8,463	1,429	472,839	5,620	352,164	1,404,065	
February 2017	1,453	153	1,408	121,579	190,192	5,544	256,027	8,791	1,478	495,664	8,836	358,619	1,449,744	
March 2017	1,393	143	1,414	116,254	179,902	5,574	247,335	8,902	1,685	479,398	8,886	362,338	1,413,224	
April 2017	1,352	137	1,416	115,138	184,384	5,636	251,119	9,052	1,629	508,820	9,353	372,441	1,460,477	
May 2017	1,318	129	1,427	123,720	190,046	5,607	252,882	9,153	1,582	551,388	9,583	396,656	1,543,491	
June 2017	1,285	118	1,449	118,897	172,643	5,483	228,607	9,204	1,341	525,563	10,962	383,370	1,458,922	
	1	,403				537,624				525,563	10,962	383,370	1,458,922	
June 2017 -					539,027						919,895		1,458,922	

The statistics include the turnover in derivatives at the stock exchanges in Stuttgart (EUWAX) and Frankfurt (

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