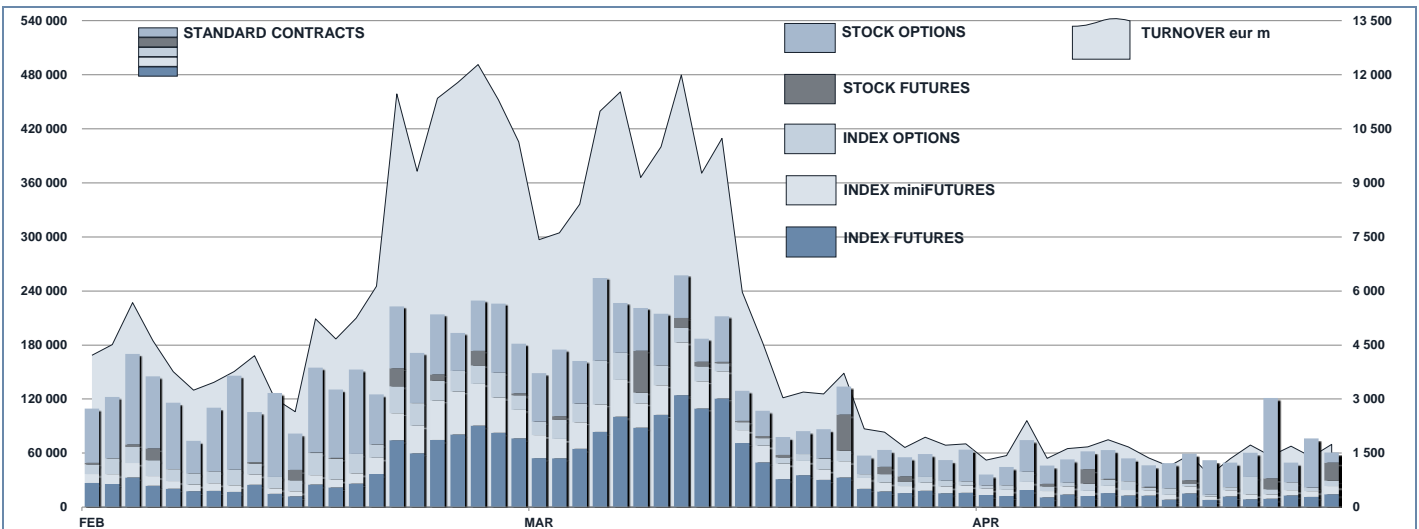




IDEM Statistics

April 2020

EQUITY DERIVATIVES TRADING



Note: the notional turnover is computed as the product of contracts number, price and index multiplier for index futures; contracts number, price and size multiplier for stock futures; contracts number, strike prices and index multiplier for index options; contracts number, strike prices and sizes for stock options.

MONTHLY TURNOVER

	FEBRUARY 2020		MARCH 2020		APRIL 2020		TOTAL 2019		JAN - APR 2020		
	STANDARD CONTRACTS	TURNOVER eur ML	STANDARD CONTRACTS	TURNOVER eur ML	STANDARD CONTRACTS	TURNOVER eur ML	STANDARD CONTRACTS	TURNOVER eur ML	STANDARD CONTRACTS	TURNOVER eur ML	OPEN INTEREST
FTSE MIB INDEX FUTURES	717 578	84 999.2	1 368 714	120 547.3	252 192	21 512.8	6 768 585	721 547.7	2 881 332	291 467.6	56 087
FTSE ITALIA PIR PMI TR INDEX FUTURES	690	19.3	3 984	76.1	200	4.2	22 079	594.9	5 223	109.6	1 625
FTSE MIB DIVIDEND INDEX FUTURES	5 370	27.2	10 877	44.3	3 050	6.1	28 381	125.9	22 192	91.4	8 259
TOTAL INDEX FUTURES	723 638	85 045.8	1 383 575	120 667.8	255 442	21 523.1	6 819 045	722 268.5	2 908 747	291 668.6	65 971
FTSE MIB INDEX miniFUTURES	349 615	8 253.2	530 759	9 496.3	135 326	2 308.8	2 365 666	49 960.7	1 232 672	25 205.7	16 691
TOTAL INDEX miniFUTURES	349 615	8 253.2	530 759	9 496.3	135 326	2 308.8	2 365 666	49 960.7	1 232 672	25 205.7	16 691
FTSE MIB INDEX OPTIONS	326 134	19 319.1	317 432	14 849.0	120 379	5 109.9	2 722 027	141 727.1	1 018 373	53 789.5	356 506
FTSE MIB INDEX WEEKLY OPTIONS	34 668	2 076.4	16 753	826.3	6 265	266.4	256 975	13 734.2	85 878	4 840.6	1 424
TOTAL FTSE MIB INDEX OPTIONS	360 802	21 395.5	334 185	15 675.4	126 644	5 376.3	2 979 002	155 461.3	1 104 251	58 630.0	357 930
ITALIAN STOCK FUTURES	75 988	249.4	132 063	301.5	57 272	155.8	1 473 331	3 876.7	309 278	868.4	98 589
EUROPEAN STOCK FUTURES	66 941	239.1	206 391	425.1	16 149	42.6	2 365 064	8 319.4	289 481	706.8	24 251
STOCK DIVIDEND FUTURES	3 730	0.8	12 825	3.0	1 205	0.3	39 105	12.8	18 305	4.6	36 670
TOTAL STOCK FUTURES	146 659	489.4	351 279	729.6	74 626	198.7	3 877 500	12 208.9	617 064	1 579.8	159 510
STOCK OPTIONS	1 389 081	5 402.4	937 487	2 927.3	598 177	1 571.4	14 626 347	46 818.2	4 542 661	15 790.9	4 822 664
WEEKLY STOCK OPTIONS	980	4.2	1 478	2.8	1 102	2.4	33 924	118.9	4 212	12.8	72
TOTAL STOCK OPTIONS	1 390 061	5 406.5	938 965	2 930.1	599 279	1 573.8	14 660 271	46 937.1	4 546 873	15 803.7	4 822 736
TOTAL EQUITY DERIVATIVES	2 970 775	120 590.3	3 538 763	149 499.1	1 191 317	30 980.7	30 701 484	986 836.5	10 409 607	392 887.9	5 422 838

IDEM - EQUITY DERIVATIVES TURNOVER - Stock Futures

	DAYS	STANDARD CONTRACTS		TURNOVER		% TOT SHARES (**)	OPEN INTEREST (***)
		TOTAL	DAILY AVG	TOTAL	DAILY AVG		
		TURNOVER eur m (*)					
ITALIAN STOCK FUTURES							
A2A	20	-	-	-	-	0.0%	500
ACEA	20	-	-	-	-	0.0%	-
ANIMA HOLDING	20	-	-	-	-	0.0%	-
ATLANTIA	20	45	2	0.3	0.0	0.1%	45
AUTOGRILL	20	-	-	-	-	0.0%	-
AZIMUT HOLDING	20	-	-	-	-	0.0%	900
BANCA GENERALI	20	-	-	-	-	0.0%	-
BANCA MEDIOLANUM	20	-	-	-	-	0.0%	-
BANCA MONTE PASCHI SIENA	20	-	-	-	-	0.0%	-
BANCO BPM	20	4 200	210	4.7	0.2	0.9%	3 500
BPER BANCA	20	-	-	-	-	0.0%	-
BREMBO	20	-	-	-	-	0.0%	-
BUZZI UNICEM	20	-	-	-	-	0.0%	-
CAMPARI	20	-	-	-	-	0.0%	-
CATTOLICA ASSICURAZIONI	20	-	-	-	-	0.0%	-
CIR	20	-	-	-	-	0.0%	-
CNH INDUSTRIAL	20	-	-	-	-	0.0%	-
ENEL	20	75	4	0.2	0.0	0.0%	2 075
ENI	20	12 941	647	52.6	2.6	1.2%	16 827
ERG	20	-	-	-	-	0.0%	-
EXOR	20	-	-	-	-	0.0%	-
FERRARI	20	28	1	0.4	0.0	0.0%	34
FIAT CHRYSLER AUTOMOBILES	20	41	2	0.2	0.0	0.0%	55
FINECOBANK	20	-	-	-	-	0.0%	-
GENERALI	20	20 077	1 004	25.7	1.3	1.6%	26 325
GEOX	20	-	-	-	-	0.0%	-
HERA	20	-	-	-	-	0.0%	-
INTESA SANPAOLO	20	15	1	0.0	0.0	0.0%	40 510
IREN	20	-	-	-	-	0.0%	-
ITALGAS	20	-	-	-	-	0.0%	-
LEONARDO	20	1	0	0.0	0.0	0.0%	1
MEDIASET	20	-	-	-	-	0.0%	-
MEDIOBANCA	20	-	-	-	-	0.0%	800
MONCLER	20	-	-	-	-	0.0%	-
NEXI	20	-	-	-	-	0.0%	-
PIRELLI & C	20	-	-	-	-	0.0%	-
POSTE ITALIANE	20	3	0	0.0	0.0	0.0%	1
PRYSMIAN	20	30	2	0.1	0.0	0.0%	30
SAIPEM	20	16	1	0.0	0.0	0.0%	11
SARAS	20	-	-	-	-	0.0%	-
SNAM	20	850	43	3.3	0.2	0.4%	850
STMICROELECTRONICS	20	60	3	0.7	0.0	0.0%	55
TECHNOGYM	20	-	-	-	-	0.0%	-
TELECOM ITALIA	20	1	0	0.0	0.0	0.0%	2
TELECOM ITALIA RSP	20	-	-	-	-	0.0%	-
TENARIS	20	-	-	-	-	0.0%	-
TERNA	20	-	-	-	-	0.0%	-
TOD'S	20	3	0	0.0	0.0	0.0%	3
UBI BANCA	20	-	-	-	-	0.0%	-
UNICREDIT	20	18 886	944	67.7	3.4	2.1%	6 065
UNIPOL	20	-	-	-	-	0.0%	-
UNIPOLSAI	20	-	-	-	-	0.0%	-
EUROPEAN STOCK FUTURES							
BANCO SANTANDER	20	-	-	-	-	-	-
BBVA	20	-	-	-	-	-	-
BNP PARIBAS	20	16 149	807	42.6	2.1	-	24 251
DEUTSCHE BANK	20	-	-	-	-	-	-
IBERDROLA	20	-	-	-	-	-	-
REPSOL	20	-	-	-	-	-	-
SOCIETE GENERALE	20	-	-	-	-	-	-
TELEFONICA	20	-	-	-	-	-	-
STOCK DIVIDEND FUTURES							
ASSICURAZIONI GENERALI DIVIDEND	20	110	6	0.1	0.0	-	510
AXA DIVIDEND	20	-	-	-	-	-	10
BANCO BILBAO VIZCAYA ARGENTARIA DIVIDEND	20	-	-	-	-	-	-
BANCO SANTANDER DIVIDEND	20	-	-	-	-	-	-
BNP DIVIDEND	20	-	-	-	-	-	-
DAIMLER DIVIDEND	20	-	-	-	-	-	30
DEUTSCHE TELEKOM DIVIDEND	20	-	-	-	-	-	80
ENEL DIVIDEND	20	-	-	-	-	-	3 790
ENGIE DIVIDEND	20	-	-	-	-	-	-
ENI DIVIDEND	20	405	20	0.2	0.0	-	1 450
FIAT CHRYSLER AUTOMOBILES DIVIDEND	20	-	-	-	-	-	4 960
IBERDROLA DIVIDEND	20	-	-	-	-	-	20
INTESA SANPAOLO DIVIDEND	20	410	21	0.0	0.0	-	21 730
ORANGE DIVIDEND	20	-	-	-	-	-	-
POSTE ITALIANE DIVIDEND	20	-	-	-	-	-	-
SANOFI-AVENTIS DIVIDEND	20	-	-	-	-	-	5
SIEMENS DIVIDEND	20	-	-	-	-	-	20
SNAM DIVIDEND	20	-	-	-	-	-	-
SOCGEN DIVIDEND	20	-	-	-	-	-	40
TELECOM ITALIA DIVIDEND	20	-	-	-	-	-	-
TELEFONICA DIVIDEND	20	-	-	-	-	-	-
TERNA DIVIDEND	20	-	-	-	-	-	-
TOTAL DIVIDEND	20	-	-	-	-	-	5
UNICREDIT DIVIDEND	20	280	14	0.0	0.0	-	4 010
VIVENDI DIVIDEND	20	-	-	-	-	-	10

(*) The notional turnover is computed as the product of contracts number, strike prices and sizes for options and as the product of contracts number, prices and sizes for futures.

(**) As percentage on shares turnover (underlying shares).

(***) Open positions at the end of period. Gross figures both for options and futures.

IDEM - EQUITY DERIVATIVES TURNOVER - Stock Options

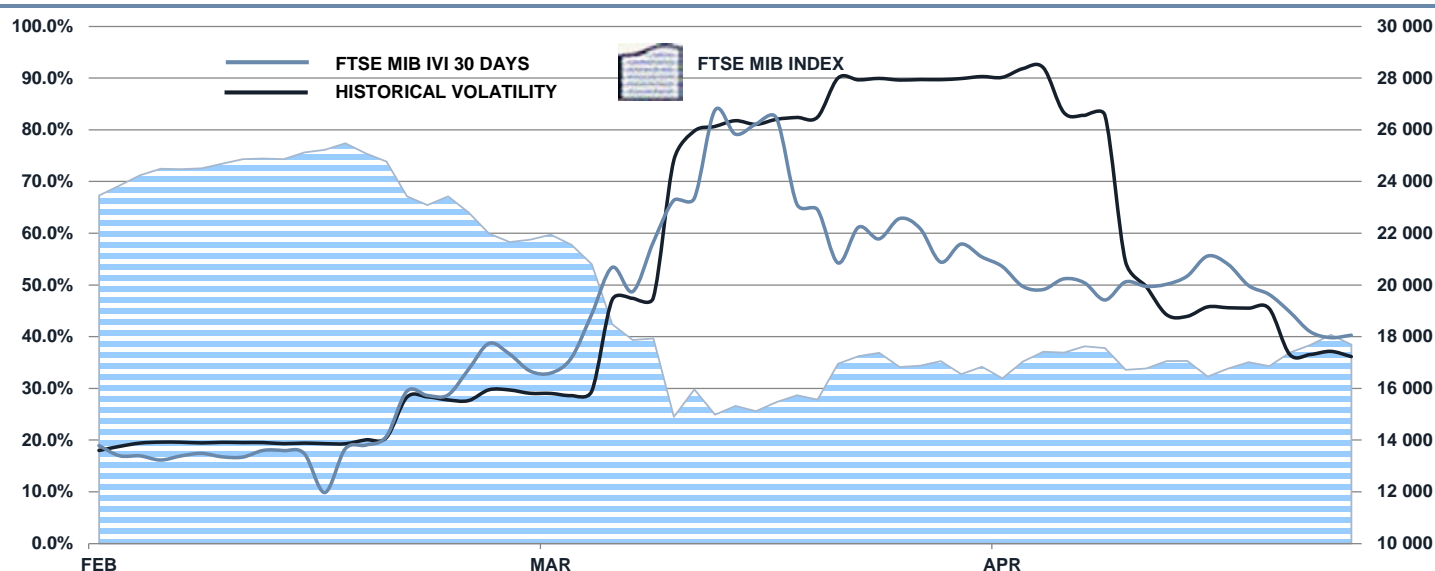
	DAYS	STANDARD CONTRACTS		TURNOVER		% TOT SHARES (**)	OPEN INTEREST (***)
		TOTAL	DAILY AVG	TOTAL	DAILY AVG		
		TURNOVER eur m (*)					
STOCK OPTIONS							
A2A	20	1 188	59	7.3	0.4	2.3%	5 075
ACEA	20	6	0	0.0	0.0	0.1%	53
AMPLIFON	20	34	2	0.4	0.0	0.1%	177
ANIMA HOLDING	20	818	41	1.2	0.1	1.1%	3 060
ASTM	20	20	1	0.0	0.0	0.0%	323
ATLANTIA	20	1 222	61	8.6	0.4	1.3%	9 556
AUTOGRILL	20	1 066	53	2.5	0.1	2.5%	2 723
AZIMUT HOLDING	20	2 857	143	20.6	1.0	3.3%	12 381
BANCA GENERALI	20	307	15	0.7	0.0	0.4%	1 686
BANCA IFIS	20	205	10	0.3	0.0	0.9%	635
BANCA MEDIOLANUM	20	634	32	1.8	0.1	0.9%	1 509
BANCA MONTE PASCHI SIENA	20	2 057	103	0.3	0.0	0.6%	29 396
BANCA POPOLARE SONDRIO	20	7	0	0.0	0.0	0.0%	72
BANCO BPM	20	13 327	666	20.3	1.0	3.7%	49 126
BPER BANCA	20	2 022	101	6.7	0.3	3.6%	7 825
BREMBO	20	647	32	2.2	0.1	1.2%	911
BRUNELLO CUCINELLI	20	37	2	0.1	0.0	0.2%	104
BUZZI UNICEM	20	1 192	60	2.0	0.1	0.8%	1 701
CAMPARI	20	468	23	2.9	0.1	1.1%	1 063
CATTOLICA ASSICURAZIONI	20	73	4	0.0	0.0	0.1%	885
CERVED GROUP	20	13	1	0.0	0.0	0.1%	28
CIR	20	-	-	-	-	0.0%	21
CNH INDUSTRIAL	20	2 262	113	6.8	0.3	1.7%	5 757
CREDITO VALTELLINESE	20	-	-	-	-	0.0%	-
DANIELI & C	20	122	6	0.1	0.0	2.5%	264
DE' LONGHI	20	42	2	0.3	0.0	1.1%	141
DIASORIN	20	183	9	2.4	0.1	0.2%	163
ENEL	20	78 332	3 917	238.7	11.9	6.8%	634 021
ENI	20	60 629	3 031	292.7	14.6	6.9%	450 943
ERG	20	117	6	1.0	0.0	1.6%	410
EXOR	20	2 627	131	12.3	0.6	3.0%	6 119
FALCK RENEWABLES	20	120	6	0.3	0.0	0.4%	155
FERRARI	20	2 969	148	39.6	2.0	2.7%	15 237
FIAT CHRYSLER AUTOMOBILES	20	37 785	1 889	163.5	8.2	11.9%	211 089
FINCANTIERI	20	80	4	0.1	0.0	0.1%	589
FINECOBANK	20	1 556	78	7.2	0.4	1.1%	5 032
GENERALI	20	56 281	2 814	72.2	3.6	4.6%	729 756
GEOX	20	-	-	-	-	0.0%	227
HERA	20	244	12	0.8	0.0	0.4%	316
IMA	20	318	16	1.0	0.1	1.0%	280
INTERPUMP GROUP	20	311	16	0.8	0.0	1.0%	481
INTESA SANPAOLO	20	117 939	5 897	188.6	9.4	4.0%	1 499 903
INWIT	20	45	2	0.2	0.0	0.1%	39
IREN	20	1 588	79	3.3	0.2	3.8%	2 137
ITALGAS	20	146	7	0.7	0.0	0.3%	1 488
JUVENTUS FOOTBALL CLUB	20	70	4	0.1	0.0	0.1%	479
LEONARDO	20	4 311	216	14.8	0.7	2.5%	17 573
MAIRE TECNIMONT	20	72	4	0.1	0.0	0.3%	115
MEDIASET	20	286	14	0.6	0.0	1.4%	3 630
MEDIOBANCA	20	4 950	248	13.9	0.7	2.1%	24 195
MONCLER	20	4 306	215	71.3	3.6	13.5%	8 369
MONDADORI EDITORE	20	1	0	0.0	0.0	0.0%	23
NEXI	20	810	41	4.2	0.2	0.8%	1 276
OVS	20	33	2	0.0	0.0	0.0%	328
PIAGGIO & C	20	131	7	0.3	0.0	0.4%	474
PIRELLI & C	20	2 699	135	4.8	0.2	1.6%	12 502
POSTE ITALIANE	20	1 470	74	5.9	0.3	0.9%	3 632
PRIMA INDUSTRIE	20	9	0	0.0	0.0	0.2%	57
PRYSMIAN	20	5 024	251	7.0	0.4	1.6%	14 714
RECORDATI	20	557	28	2.3	0.1	0.7%	577
SAFILO GROUP	20	292	15	0.2	0.0	2.2%	849
SAIPEM	20	1 381	69	4.0	0.2	0.8%	8 756
SALVATORE FERRAGAMO	20	172	9	1.0	0.1	1.0%	12 133
SARAS	20	273	14	0.2	0.0	0.2%	2 200
SNAM	20	4 604	230	20.7	1.0	2.3%	31 127
STMICROELECTRONICS	20	3 216	161	35.9	1.8	2.3%	12 297
TAMBURI INVESTMENT PARTNERS	20	-	-	-	-	0.0%	46
TECHNOGYM	20	174	9	0.7	0.0	0.5%	926
TELECOM ITALIA	20	101 716	5 086	43.7	2.2	7.0%	558 181
TELECOM ITALIA RSP	20	9 401	470	3.3	0.2	2.1%	31 803
TENARIS	20	1 111	56	3.6	0.2	0.8%	21 282
TERNA	20	773	39	4.4	0.2	0.7%	5 744
TOD'S	20	99	5	0.3	0.0	1.9%	442
UBI BANCA	20	5 011	251	6.2	0.3	2.0%	18 269
UNICREDIT	20	51 887	2 594	207.9	10.4	6.6%	334 174
UNIPOL	20	245	12	0.4	0.0	0.2%	1 570
UNIPOLSAI	20	1 197	60	2.8	0.1	1.9%	2 064
WEEKLY STOCK OPTIONS							
ENEL	20	35	2	0.1	0.0	0.0%	6
ENI	20	143	7	0.6	0.0	0.0%	29
FIAT CHRYSLER AUTOMOBILES	20	78	4	0.3	0.0	0.0%	28
GENERALI	20	361	18	0.5	0.0	0.0%	3
INTESA SANPAOLO	20	267	13	0.4	0.0	0.0%	-
TELECOM ITALIA	20	60	3	0.0	0.0	0.0%	-
UNICREDIT	20	158	8	0.6	0.0	0.0%	6

(*) The notional turnover is computed as the product of contracts number, strike prices and sizes for options and as the product of contracts number, prices and sizes for futures.

(**) As percentage on shares turnover (underlying shares).

(***) Open positions at the end of period. Gross figures both for options and futures.

INDEX AND VOLATILITY



Note: historical volatility is computed as standard deviation of daily logarithmic variations of FTSE MIB index values (last 22 days rolling)

MOST TRADED STOCK OPTIONS IN THE MONTH BY UNDERLYING

SHARES	STANDARD CONTRACTS		NOTIONAL TURNOVER		OPEN INTEREST *	
	number	% CALL	% PUT	eur ML		% SHARES
INTESA SANPAOLO	118 206	37.60%	62.40%	188.94	4.0%	1 499 903
TELECOM ITALIA	101 776	36.20%	63.80%	43.74	7.0%	558 181
ENEL	78 367	40.07%	59.93%	238.82	6.8%	634 027
ENI	60 772	46.30%	53.70%	293.30	6.9%	450 972
GENERALI	56 642	41.19%	58.81%	72.62	4.6%	729 759
UNICREDIT	52 045	56.54%	43.46%	208.42	6.6%	334 180
FIAT CHRYSLER AUTOMOBILES	37 863	58.38%	41.62%	163.80	11.9%	211 117
BANCO BPM	13 327	19.10%	80.90%	20.31	3.7%	49 126
TELECOM ITALIA RSP	9 401	45.76%	54.24%	3.35	2.1%	31 803
PRYSMIAN	5 024	14.03%	85.97%	7.00	1.6%	14 714

* Open positions at the end of period. Gross figures

MOST TRADED STOCK FUTURES IN THE MONTH BY UNDERLYING

SHARES	STANDARD CONTRACTS		TRADES number	NOTIONAL TURNOVER		OPEN INTEREST *
	number	%TOT		eur ML	% SHARES	
GENERALI	20 077	27.3%	7	25.65	1.6%	26 325
UNICREDIT	18 886	25.7%	14	67.66	2.1%	6 065
BNP PARIBAS	16 149	22.0%	1	42.57	..	24 251
ENI	12 941	17.6%	12	52.62	1.2%	16 827
BANCO BPM	4 200	5.7%	2	4.66	0.9%	3 500
SNAM	850	1.2%	1	3.26	0.4%	850
ENEL	75	0.1%	3	0.23	0.0%	2 075
STMICROELECTRONICS	60	0.1%	10	0.72	0.0%	55
ATLANTIA	45	0.1%	3	0.33	0.1%	45
FIAT CHRYSLER AUTOMOBILES	41	0.1%	10	0.16	0.0%	55

* Open positions at the end of period. Gross figures

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