Investor Activity on GPW Markets in April 2020 (attachment)

Equities Market¹

Main Market	April 2020	April 2019	Change %	January-April 2020	January-April 2019	Change %
		Total				
Value of trading - total (PLN)	23,672,746,128	13,974,256,739	69.4	85,814,429,545	66,554,909,031	28.9
Value of trading - Electronic Order Book (PLN)	23,521,807,135	13,723,359,257	71.4	84,583,293,025	64,956,700,278	30.2
Value of trading - block trades (PLN)	150,938,993	250,897,482	-39.8	1,231,136,519	1,598,208,753	-23.0
Number of transactions (Electronic Order Book)	3,116,186	1,268,798	145.6	10,187,566	5,769,987	76.6
WIG at the end of the period	46,117.00	60,145.50	-23.3	46,117.00	60,145.50	-23.3
	D	ay avarage				
Value of trading - Electronic Order Book (PLN)	1,176,090,357	686,167,963	71.4	1,019,075,820	782,610,847	30.2
Value of trading - block trades (PLN)	7,546,950	12,544,874	-39.8	14,832,970	19,255,527	-23.0
Number of transactions (Electronic Order Book)	155,809	63,440	145.6	122,742	69,518	76.6

NewConnect	April 2020	April 2019	Change %	January-April 2020	January-April 2019	Change %
		Total				
Value of trading - total (PLN)	1,101,329,910	99,937,760	1002.0	2,477,605,154	507,442,842	388.3
Value of trading - Electronic Order Book (PLN)	1,086,856,780	85,139,235	1176.6	2,439,692,173	480,729,574	407.5
Value of trading - block trades (PLN)	14,473,130	14,798,525	-2.2	37,912,981	26,713,268	41.9
Number of transactions (Electronic Order Book)	382,542	54,076	607.4	998,681	281,961	254.2
NCIndex at the end of the period	327.46	228.86	43.1	327.46	228.86	43.1
	D	ay avarage				
Value of trading - Electronic Order Book (PLN)	54,342,839	4,256,962	1176.6	29,393,882	5,791,923	407.5
Value of trading - block trades (PLN)	723,657	739,926	-2.2	456,783	321,847	41.9
Number of transactions (Electronic Order Book)	19,127	2,704	607.4	12,032	3,397	254.2

Derivatives	April 2020	April 2019	Change %	January-April 2020	January-April 2019	Change %
		Total				
Volume - EOB and block trades (#)	847,827	413,911	104.8	3,945,892	2,127,530	85.5
Index futures	521,157	223,696	133.0	2,376,291	1,226,292	93.8
Single-stock futures	206,356	89,232	131.3	822,502	384,523	113.9
Currency futures	97,145	86,333	12.5	615,355	452,585	36.0
Interest rate futures	0	0		0	10	-100.0
Options	23,169	14,650	58.2	131,744	64,120	105.5
	Da	ay avarage				
	Volume - EOI	B and block trades (#)			
Index futures	26,058	11,185	133.0	28,630	14,775	93.8
Single-stock futures	10,318	4,462	131.2	9,910	4,633	113.9
Currency futures	4,857	4,317	12.5	7,414	5,453	36.0
Interest rate futures	0	0		0	0	
Options	1,158	733	58.0	1,587	773	105.3
	· · · ·	NOI ²				
Index futures	47,596	58,141	-18.1	47,596	58,141	-18.1
Single-stock futures	38,248	26,980	41.8	38,248	26,980	41.8
Currency futures	83,684	76,585	9.3	83,684	76,585	9.3
Interest rate futures	2	11	-81.8	2	11	-81.8
Options	19,739	12,701	55.4	19,739	12,701	55.4

Debt Instruments Market						
Catalyst ³	April 2020	April 2019	Change %	January-April 2020	January-April 2019	(
Value of listed issues (PLN bn) ⁴	93.5	90.0	3.9	93.5	90.0	
Value of trading - total (PLN)	221,943,921	217,085,251	2.2	913,275,291	965,060,190	
Value of trading - Electronic Order Book (PLN)	213,680,290	189,838,338	12.6	864,748,648	921,258,199	
Value of trading - block trades (PLN)	8,263,631	27,246,913	-69.7	48,526,643	43,801,992	
Number of transactions (Electronic Order Book)	8 586	6 402	34.1	34 681	25.610	

Treasury BondSpot Poland ⁵	April 2020	April 2019	Change %	January-April 2020	January-April 2019	Change %
Value of trading - cash transactions (PLN)	1,951,884,300	6,000,645,725	-67.5	20,562,003,000	42,420,591,600	-51.5
Value of trading - conditional transactions (PLN)	16,487,999,776	27,285,484,830	-39.6	60,112,585,978	85,219,645,877	-29.5

Structured products and ETFs	April 2020	April 2019	Change %	January-April 2020	January-April 2019	Change %
Value - EOB and block trades (PLN)						
Structured products	268,923,454	89,934,545	199.0	1,059,262,185	329,996,046	221.0
Investment certificates	3,541,071	3,848,860	-8.0	19,699,653	19,243,233	2.4
Warrants	0	0		0	0	
ETFs	100,196,638	10,980,469	812.5	317,139,066	52,961,362	498.8

Electricity - TGE	April 2020	April 2019	Change %	January-April 2020	January-April 2019	Change %
Volume of trading - spot transactions (MWh)	2,784,817	2,880,210	-3.3	11,267,488	11,395,364	-1.1
Volume of trading - forward transactions (MWh)	21,787,381	15,283,149	42.6	79,891,522	51,063,335	56.5
Property rights - TGE	April 2020	April 2019	Change %	January-April 2020	January-April 2019	Change %
Volume of trading - spot transactions (MWh) ⁶	2,202,112	6,068,615	-63.7	8,888,651	17,022,197	-47.8
Volume of trading - spot transactions (toe) ⁷	16,374	38,147	-57.1	96,907	101,259	-4.3
	April 2020	April 2019	Change %	January-April 2020	January-April 2019	Change %
	April 2020 2,095,325	April 2019 2,331,360		January-April 2020 9,510,960	January-April 2019 9,214,721	Change % 3.2
Gas - TGE Volume of trading - spot transactions (MWh) Volume of trading - forward transactions (MWh)				2020	2019	
Volume of trading - spot transactions (MWh)	2,095,325	2,331,360	-10.1	2020 9,510,960	2019 9,214,721	3.2
Volume of trading - spot transactions (MWh)	2,095,325	2,331,360	-10.1	2020 9,510,960	2019 9,214,721	3.2
Volume of trading - spot transactions (MWh) Volume of trading - forward transactions (MWh) Rejestr Gwarancji Pochodzenia (energia	2,095,325 11,732,302	2,331,360 8,850,035	-10.1 32.6	2020 9,510,960 44,251,972 January-April	2019 9,214,721 30,488,162 January-April	3.2 45.1

¹ transactions in shares, allotment certificates and subscription rights

² number of open interest, data at the end of the period ³ corporate, municipal and mortgage bonds

⁶ corporate, manappe ones moregee ones as a for of January 2018 BGK bonds are treated as Treasury bonds and hence the value of corporate bonds shown is lower and cannot be compared with previous tables. January 2017 has been recalculated according to MIFID2 ⁵ transactions in Treasury bonds and bills

⁶ transactions in all TGE traded property rights excluding rights to certificates connected with energy efficiency ('white certificates')

As of December 29, 2017, trading in futures contracts for property rights for electricity generated in RES was suspended. The necessity to end trading in these contracts on TGE is related to the adaptation of TGE's activities to the MIFIO2 regime.