Investor Activity on GPW Markets in July 2021 (attachment)

Equities Market¹

Main Market	July 2021	July 2020	Change %	January-July 2021	January-July 2020	Change %
		Total				
Turnover value - total (PLN)	19,039,078,855	23,713,589,965	-19.7	200,795,592,307	157,986,436,284	27.1
Turnover value - Electronic Order Book (PLN)	18,527,704,399	23,407,940,101	-20.8	187,208,262,984	154,844,570,778	20.9
Turnover value - block trades (PLN)	511,374,456	305,649,864	67.3	13,587,329,323	3,141,865,506	332.5
Number of transactions (Electronic Order Book)	2,065,436	2,942,139	-29.8	20,729,242	18,861,835	9.9
WIG at the end of the period	67,637.95	50,468.16	34.0	67,637.95	50,468.16	34.0
	Da	y avarage				
Turnover value - Electronic Order Book (PLN)	842,168,382	1,017,736,526	-17.3	1,291,091,469	1,053,364,427	22.6
Turnover value - block trades (PLN)	23,244,293	13,289,125	74.9	93,705,719	21,373,235	338.4
						11.4
Number of transactions (Electronic Order Book)	93,883	127,919	-26.6	142,960	128,312	11.4
Number of transactions (Electronic Order Book)	93,883	127,919	-26.6	142,960	128,312	11.4
Number of transactions (Electronic Order Book) NewConnect	93,883 July 2021	127,919 July 2020	-26.6 Change %	142,960 January-July 2021	January-July 2020	Change %
	,			January-July	January-July	
NewConnect	,	July 2020	Change %	January-July	January-July	Change %
	July 2021	July 2020 Total	Change %	January-July 2021	January-July 2020	Change % -32.0
NewConnect Turnover value - total (PLN)	July 2021 272,032,138	July 2020 Total 2,336,676,186	Change % -88.4 -88.2	January-July 2021 4,430,428,684	January-July 2020 6,516,146,854	Change % -32.0 -32.2
NewConnect Turnover value - total (PLN) Turnover value - Electronic Order Book (PLN)	July 2021 272,032,138 267,858,030	July 2020 Total 2,336,676,186 2,277,883,037	Change % -88.4 -88.2 -92.9	January-July 2021 4,430,428,684 4,331,691,333	January-July 2020 6,516,146,854 6,390,611,805	Change % -32.0 -32.2
NewConnect Turnover value - total (PLN) Turnover value - Electronic Order Book (PLN) Turnover value - block trades (PLN)	July 2021 272,032,138 267,858,030 4,174,108	July 2020 Total 2,336,676,186 2,277,883,037 58,793,149	Change % -88.4 -88.2 -92.9 -77.3	January-July 2021 4,430,428,684 4,331,691,333 98,737,351	January-July 2020 6,516,146,854 6,390,611,805 125,535,049	Change % -32.0 -32.2 -21.3 -14.4
NewConnect Turnover value - total (PLN) Turnover value - Electronic Order Book (PLN) Turnover value - block trades (PLN) Number of transactions (Electronic Order Book)	July 2021 272,032,138 267,858,030 4,174,108 166,390 466.35	July 2020 Total 2,336,676,186 2,277,883,037 58,793,149 733,636	Change % -88.4 -88.2 -92.9 -77.3	January-July 2021 4,430,428,684 4,331,691,333 98,737,351 2,051,674	January-July 2020 6,516,146,854 6,390,611,805 125,535,049 2,395,661	Change % -32.0 -32.2 -21.3
NewConnect Turnover value - total (PLN) Turnover value - Electronic Order Book (PLN) Turnover value - block trades (PLN) Number of transactions (Electronic Order Book)	July 2021 272,032,138 267,858,030 4,174,108 166,390 466.35	July 2020 Total 2,336,676,186 2,277,883,037 58,793,149 733,636 572.33	Change % 88.4 88.2 -92.9 -77.3 -18.5	January-July 2021 4,430,428,684 4,331,691,333 98,737,351 2,051,674	January-July 2020 6,516,146,854 6,390,611,805 125,535,049 2,395,661	Change % -32.0 -32.2 -21.3 -14.4 -18.5
NewConnect Turnover value - total (PLN) Turnover value - Electronic Order Book (PLN) Turnover value - block trades (PLN) Number of transactions (Electronic Order Book) NCIndex at the end of the period	July 2021 272,032,138 267,858,030 4,174,108 166,390 466,35 Da	July 2020 Total 2,336,676,186 2,277,883,037 58,793,149 733,636 572.33 y avarage	Change % -88.4 -88.2 -92.9 -77.3 -18.5 -87.7	January-July 2021 4,430,428,684 4,331,691,333 98,737,351 2,051,674 466.35	January-July 2020 6,516,146,854 6,390,611,805 125,535,049 2,395,661 572.33	Change % -32.0 -32.2 -21.3 -14.4 -18.5

Derivative Instruments Market

Derivatives	July 2021	July 2020	Change %	January-July 2021	January-July 2020	Change %
		Total				
Volume - EOB and block trades (#)	564,375	618,592	-8.8	6,471,238	6,463,529	0.1
Index futures	292,693	323,728	-9.6	3,202,122	3,686,138	-13.1
Single-stock futures	115,955	155,223	-25.3	1,325,801	1,436,843	-7.7
Currency futures	145,071	122,759	18.2	1,781,260	1,141,468	56.0
Interest rate futures	0	0		0	0	
Options	10,656	16,882	-36.9	162,055	199,080	-18.6
	D	ay avarage				
	Volume - EO	B and block trades (#)			
Index futures	13,304	14,075	-5.5	22,084	25,076	-11.9
Single-stock futures	5,271	6,749	-21.9	9,143	9,774	-6.5
Currency futures	6,594	5,337	23.6	12,285	7,765	58.2
Interest rate futures	0	0		0	0	
Options	484	734	-34.1	1,118	1,354	-17.4
		NOI ²				
Index futures	46,589	36,135	28.9	46,589	36,135	28.9
Single-stock futures	42,539	38,315	11.0	42,539	38,315	11.0
Currency futures	280,503	114,277	145.5	280,503	114,277	145.5
Interest rate futures	0	0		0	0	
Options	12,765	17,490	-27.0	12,765	17,490	-27.0

Debt Instruments Market

Catalyst ³	July 2021	July 2020	Change %	January-July 2021	January-July 2020	Change %
Value of listed issues (PLN bn) ⁴	101.0	94.3	7.2	101.0	94.3	7.2
Turnover value - total (PLN)	223,561,556	286,257,565	-21.9	1,898,124,595	1,690,932,416	12.3
Turnover value - Electronic Order Book (PLN)	210,584,716	272,343,682	-22.7	1,746,693,289	1,599,639,995	9.2
Turnover value - block trades (PLN)	12,976,840	13,913,884	-6.7	151,431,306	91,292,421	65.9
Number of transactions (Electronic Order Book)	4,410	6,733	-34.5	36,917	54,330	-32.1

Treasury BondSpot Poland ⁵	July 2021	July 2020	Change %	January-July 2021	January-July 2020	Change %
Turnover value - cash transactions (PLN)	7,146,929,400	1,914,451,050	273.3	44,153,347,275	25,586,856,100	72.6
Turnover value - conditional transactions (PLN)	43,654,344,754	4,978,807,656	776.8	231,340,364,403	71,459,978,872	223.7

Structured Instruments, ETFs and Investment Certificates Markets

Structured products and ETFs	July 2021	July 2020	Change %	January-July 2021	January-July 2020	Change %
Value - EOB and block trades (PLN)						
Structured products	232,525,447	234,496,415	-0.8	1,776,910,794	1,745,256,135	1.8
Investment certificates	5,615,670	4,761,369	17.9	28,462,063	32,362,772	-12.1
Warrants	0	0		0	0	
ETFs	41,251,575	40,401,957	2.1	396,405,765	508,430,424	-22.0

Commodity Market

Electricity - TGE	July 2021	July 2020	Change %	January-July 2021	January-July 2020	Change %
Volume of trading - spot transactions (MWh)	3,185,650	2,901,003	9.8	21,415,741	19,906,408	7.6
Volume of trading - forward transactions (MWh)	18,185,446	16,086,194	13.1	101,080,924	128,517,490	-21.3
Property rights - TGE	July 2021	July 2020	Change %	January-July 2021	January-July 2020	Change %
Property rights - TGE Volume of trading - spot transactions (MWh) ⁶	July 2021 1,716,150	July 2020 1,860,289				
			-7.7	2021	2020	

Gas - TGE	July 2021	July 2020	Change %	January-July 2021	January-July 2020	Change %
Volume of trading - spot transactions (MWh)	1,092,678	1,372,125	-20.4	17,587,845	13,509,209	30.2
Volume of trading - forward transactions (MWh)	15,756,333	11,309,827	39.3	72,661,123	74,834,284	-2.9

Register of Gurantees of Origin (electricity)	July 2021	July 2020	Change %	January-July 2021	January-July 2020	Change %
Volume of trading - OZE (MWh)	2,030,483	1,989,975	2.0	17,948,926	11,766,463	52.5
Volume of trading - cogeneration (MWh)	0	0	-	0	0	•

Agricultural Exchange Market - TGE	July 2021	July 2020	Change %	2021	2020	Change %
Volume of trading - wheat (tonnes)	0	0	-	4,725	1,250	278.0
Volume of trading - rye (tonnes)	0	0	-	25	0	-
Volume of trading - corn (tonnes)	0	0	-	0	0	-
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
⁴ corporate, municipal and mortgage bonds. As of 3rd of January 2018 BGK bonds are treated as Treasury bonds and hence the value of corporate bonds shown is lower

Corporate, intercipant and introduce on the second second