Statistical Data (JGB OTC Transactions)

May 2018



JAPAN SECURITIES CLEARING CORPORATION

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[Explanatory Notes]

- > These statistics data are subject to the JGB OTC transactions settlement business that we perform.
- > Figures less than the indicated unit are omitted, and averages are rounded to the nearest number (sum of breakdown figures and total value may not match).
- Symbols in these statistical data are as follows:
- "r" Revised figures
- "..." Unknown or other
- *r will be excluded from next publication.

➤ Clearing of JGB OTC Transactions

• Figures in Volume Cleared, Value Cleared and Number of Settlements are counted based on the date of trade assumption by JSCC. Deliveries from JSCC to buyers or borrowers and those from sellers or lenders to JSCC are counted separately. A set of start and end legs of Standard Repo Transactions, Subsequent Collateral Allocation Repo Transactions and Cash-secured Bond Lending Transactions is counted as two separate assumption of obligations for Volume Cleared and Value Cleared, but counted as one assumption of obligation for Number of Assumption of Obligations. When only end leg of transactions is assumed by JSCC, it is counted as one assumption of obligation. For Standard Repo Transactions, Transactions for closing the Original Repo Transaction in case of Substitution is excluded.

For Volume Cleared (Face Amount) of Subsequent Collateral Allocation Repo Transactions, the amount equal to Clearing Value is counted.

Clearing Value for Unwind/Rewind obligations is excluded.

• Clearing Volume by Transaction Type shows breakdown of Volume Cleared (Face Amount) and Value Cleared by four (4) type of transactions, i.e. Buy/Sell, Standard Repo Transactions, Subsequent Collateral Allocation Repo Transactions and Cash-secured Bond Lending Transactions. For Standard Repo Transactions and Cash-secured Bond Lending Transactions, "Start and End Legs" represents transactions of which JSCC has assumed both start and end legs, and "End Leg Only" represents transactions of which JSCC has assumed end leg only. For Subsequent Collateral Allocation Repo Transactions, breakdown and total value at each of first, second and third cleared timing are counted. Clearing Value for Unwind/Rewind obligations is excluded. JSCC has counted Clearing Value by Transaction Type since May 2018.

> Settlements

- Figures in DVP Settlement are counted on a settlement date basis. Figures in Volume and Value are the sum of both the delivering and receiving settlement transactions. For Subsequent Collateral Allocation Repo Transactions, breakdown figures and total value of first, second and third settlements are counted.
- DVP Settlement by Transaction Type shows breakdown of settlement related to Clearing by two (2) types of settlements (Buy/Sell, Standard Repo Transactions, and Cash-secured Bond Lending Transactions and Subsequent Collateral Allocation Repo Transactions).
- Analysis

Source: Bank of Japan

- Funds Only Settlements (FOS) are counted on a settlement date basis. Figures in Volume are the sum of both paying and receiving amount (FOS settlements: only funds for Variation Margin and other related funds are settled).
- Figures in Fails represent the cases when JSCC fails to receive securities from sellers or lenders.

➤ Netting Effect

Figures in Volume Cleared and Value Cleared are counted on a settlement date basis.
 Deliveries from JSCC to buyers or borrowers and those from sellers or lenders to JSCC are counted separately.

For Standard Repo Transactions and Cash-secured Bond Lending Transactions, volume and value of start legs are counted for the month when the start legs settle, and those of end legs are counted for the month when the end legs settle.

For Subsequent Collateral Allocation Repo Transactions, value of start legs are counted for the month when the start legs settle, and those of end legs are counted for the month when the end legs settle. Clearing Value for Unwind/Rewind obligations for which settlement day arrives within the month is included.

- Figures in DVP Settlement Volume and DVP Settlement Value are counted based on the value dates designated by the assumed trades. Those figures represent the sum of volume and value expected to be settled on the value date, and not the sum of volume and value actually settled on that value date.
- DVP Settlement Volume and DVP Settlement Value of both delivering and receiving settlement transactions are counted separately.

[Note]

- > These statistical data are published on JSCC website on 5th business day in each month, in principle.
- > JSCC permits copying or citation of these statistical data only with an express indication of the source. In case of copying, etc. for commercial purpose, please contact JSCC in advance.
- ➤ While JSCC will take all possible measures to ensure accuracy of information contained in these statistical data, JSCC shall bear no liability against users of such information.

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I. Clearing of JGB OTC Transactions (Assumption of Obligations)

I. Clearing of JGB OTC Transactions (Face Amount, Value and Number of Transactions)

Month -Year	Number of Business Days		ne Cleared ;, JPY in Millions)		: Cleared Millions)	Number of Assumption	on of Obligations
- i car	Business Days		Daily Average		Daily Average		Daily Average
2016	245	28,558,765,673	116,566,391	30,240,838,715	123,431,995	2,743,728	11,199
2017	247	30,956,300,700	125,329,153	32,229,215,561	130,482,654	3,041,104	12,31
2018	100	10,648,605,063	106,486,051	11,089,116,988	110,891,170	1,192,920	11,929
May-17	20	2,704,087,700	135,204,385	2,816,747,425	140,837,371	241,154	12,058
Jun-17	22	2,823,419,278	128,337,240	2,942,651,186	133,756,872	281,904	12,814
Jul-17	20	2,361,292,484	118,064,624	2,457,748,790	122,887,440	235,154	11,75
Aug-17	22	2,656,112,860	120,732,403	2,765,783,375	125,717,426	248,198	11,28
Sep-17	20	2,419,297,919	120,964,896	2,520,162,189	126,008,109	265,290	13,26
Oct-I7	21	2,485,872,147	118,374,864	2,591,299,936	123,395,235	271,360	12,92
Nov-17	20	2,228,970,113	111,448,506	2,326,103,843	116,305,192	263,202	13,160
Dec-17	21	2,476,772,847	117,941,564	2,568,400,169	122,304,770	242,944	11,569
Jan-18	19	2,181,667,631	114,824,612	2,261,461,557	119,024,292	216,294	11,384
Feb-18	19	2,162,690,762	113,825,830	2,252,173,405	118,535,442	241,694	12,72
Mar-18	21	2,076,717,654	98,891,317	2,171,861,860	103,421,993	253,580	12,07
Apr-18	20	2,046,813,201	102,340,660	2,139,766,180	106,988,309	244,538	12,227
May-18	21	2,180,715,813	103,843,610	2,263,853,984	107,802,571	236,814	11,277

2. Clearing Volume by Transaction Type

	Buy/Sell	ſ	andard Repo Transaction	18		Subsequent Collateral Alloca	tion Repo Transactions		Cash	-secured Bond Lend	ing Transactions
Month -Year		Monthly Total	Standard Repo Transactions (Start and End Legs)	Standard Repo Transactions (End Leg Only)	Monthly Total	Ist	2nd	3rd	Monthly Total	Cash-secured Bond Lending Transactions (Start and End Legs)	Cash-secured Bond Lending Transactions (End Leg Only)
2016	1,262,640,895	1,135,833,280	1,122,913,200	12,920,080	-	-	-	-	26,160,291,497	26,048,198,751	112,092,746
2017	1,387,726,660	1,407,467,640	1,402,869,200	4,598,440	-	-	-	-	28,161,106,400	28,060,785,036	100,321,364
2018	531,937,681	940,626,526	928,631,524	11,995,002	430,693,747	315,658,191	86,022,820	29,012,735	8,745,347,107	8,690,429,176	54,917,931
May-17	95,439,004	142,341,200	142,308,000	33,200	-	-	-	-	2,466,307,496	2,452,945,728	13,361,768
Jun-17	131,989,616	101,074,800	100,637,600	437,200	-	-	-	-	2,590,354,862	2,579,987,084	10,367,778
Jul-17	99,953,152	89,470,600	89,410,800	59,800	-	-	-	-	2,171,868,732	2,165,329,684	6,539,048
Aug-17	121,042,884	98,164,400	97,759,600	404,800	-	-	-	-	2,436,905,576	2,431,714,656	5,190,920
Sep-17	124,950,311	106,026,400	105,848,400	178,000	-	-	-	-	2,188,321,208	2,172,317,436	16,003,772
Oct-17	115,139,045	155,949,200	155,113,200	836,000	-	-	-	-	2,214,783,901	2,210,057,201	4,726,700
Nov-17	126,429,242	78,438,640	78,059,600	379,040	-	-	-	-	2,024,102,231	2,017,218,301	6,883,930
Dec-17	111,331,732	114,938,000	114,740,800	197,200	-	-	-	-	2,250,503,115	2,244,334,165	6,168,950
Jan-18	97,822,785	121,332,200	121,199,600	132,600	-	-	-	-	1,962,512,646	1,955,976,493	6,536,153
Feb-18	112,501,992	108,598,600	108,158,800	439,800	-	-	-	-	1,941,590,170	1,924,966,664	16,623,506
Mar-18	104,465,222	111,146,600	110,636,800	509,800	-	-	-	-	1,861,105,831	1,855,602,813	5,503,018
Apr-18	126,305,887	115,564,800	113,609,200	1,955,600	-	-	-	-	1,804,942,513	1,791,779,213	13,163,300
May-18	90,841,794	483,984,326	475,027,124	8,957,202	430,693,747	315,658,191	86,022,820	29,012,735	1,175,195,945	1,162,103,991	13,091,954

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3. Clearing Value by Transaction Type

	Buy/Sell	St	andard Repo Transaction	18		Subsequent Collateral Alloca	tion Repo Transactions		Cash	-secured Bond Lend	ing Transactions
Month -Year		Monthly Total	Standard Repo Transactions (Start and End Legs)	Standard Repo Transactions (End Leg Only)	Monthly Total	Ist	2nd	3rd	Monthly Total	Cash-secured Bond Lending Transactions (Start and End Legs)	Cash-secured Bond Lending Transactions (End Leg Only)
2018	542,679,326	963,676,576	951,586,370	12,090,206	430,693,747	315,658,191	86,022,820	29,012,735	9,152,067,337	9,096,605,962	55,461,374
Jan-18	99,483,091	125,259,835	125,124,283	135,551	-	-	-	-	2,036,718,630	2,030,158,048	6,560,582
Feb-18	114,425,790	110,273,170	109,832,827	440,342	-	-	_	-	2,027,474,445	2,010,799,503	16,674,942
Mar-18	106,627,109	113,087,816	112,576,449	511,366	-	-	_	_	1,952,146,933	1,946,616,861	5,530,071
Apr-18	129,454,565	117,687,961	115,727,722	1,960,239	-	-	_	_	1,892,623,652	1,879,250,687	13,372,965
May-18	92,688,768	497,367,792	488,325,087	9,042,705	430,693,747	315,658,191	86,022,820	29,012,735	1,243,103,675	1,229,780,862	13,322,813

II. Settlements

I. Delivery Versus Payment (DVP) Settlement

Month	Number of Business Days		lement Volume t, JPY in Millions)		lement Value Millions)	Number of S	ettlements
-Year	Number of Business Days	(race runoun	Daily Average	01.1.11	Daily Average		Daily Average
2016	245	7,189,736,573	29,345,864	7,553,437,483	30,830,357	1,774,075	7,24
2017	247	7,459,277,913	30,199,506	7,760,365,692	31,418,485	1,855,115	7,51
2018	100	2,718,921,618	27,189,216	2,819,814,798	28,198,148	719,824	7,19
May-17	20	667,486,174	33,374,309	695,527,516	34,776,376	161,528	8,07
Jun-17	22	732,194,530	33,281,570	759,317,769	34,514,444	178,510	8,11
Jul-17	20	639,583,809	31,979,190	663,296,352	33,164,818	157,750	7,88
Aug-17	22	623,633,246	28,346,966	646,205,812	29,372,991	154,776	7,03
Sep-17	20	577,353,257	28,867,663	599,197,684	29,959,884	145,998	7,30
Oct-17	21	558,560,047	26,598,098	581,640,348	27,697,159	143,955	6,85
Nov-17	20	496,846,922	24,842,346	516,658,717	25,832,936	130,286	6,51
Dec-17	21	640,379,451	30,494,260	661,699,124	31,509,482	160,417	7,63
Jan-18	19	588,048,185	30,949,904	605,182,761	31,851,724	143,765	7,56
Feb-18	19	542,939,119	28,575,743	561,948,634	29,576,244	138,438	7,28
Mar-18	21	485,505,000	23,119,286	503,940,481	23,997,166	127,971	6,09
Apr-18	20	504,741,352	25,237,068	525,952,271	26,297,614	129,842	6,49
May-18	21	597,687,960	28,461,331	622,790,648	29,656,698	179,808	8,56

2. Delivery Versus Payment (DVP) Settlement by Transaction Type

	DVP Settlement Volume(Face Amount, JPY in Millions) DVP Settlement Value(JPY in Millions)										Number of Settler	ments			
Month -Year	Buy/Sell , Standard Repo,		Subsequent Collateral	•		Buy/Sell , Standard Repo,	osequent Collateral Al	•		Buy/Sell , Standard Repo,	Subsequen	t Collateral A	Allocation l	Repo	
	Cash-secured Bond Lending	Monthly Total	Ist	2nd	3rd	Cash-secured Bond Lending	Monthly Total	İst	2nd	3rd	Cash-secured Bond Lending	Monthly Total	İst	2nd	3rd
2016	7189736573	-	-	-	-	7,553,437,483	-	-	-	-	1,774,075	-	-	-	-
2017	7,459,277,913	-	-	-	-	7,760,365,692	-	-	-	-	1,855,115	-	-	-	-
2018	2,565,614,921	153,306,696	81,370,636	62,155,517	9,780,543	2,661,396,120	158,418,677	84,145,865	64,422,366	9,850,445	657,171	62,653	37,939	22,067	2,647
May-17	667,486,174	-	-	_	_	695,527,516	-	-	-	-	161,528	-	-	_	_
Jun-17	732,194,530	_	-	-	-	759,317,769	-	-	-	-	178,510	-	-	-	-
Jul-17	639,583,809	-	-	-	-	663,296,352	-	-	-	-	157,750	-	-	-	-
Aug-17	623,633,246	_	_	-	-	646,205,812	-	-	-	-	154,776	-	-	-	-
Sep-17	577,353,257	-	-	-	-	599,197,684	-	-	-	-	145,998	-	-	-	-
Oct-17	558,560,047	-	-	-	-	581,640,348	-	-	-	-	143,955	-	-	-	-
Nov-17	496,846,922	-	-	-	-	516,658,717	-	-	-	-	130,286	-	-	-	-
Dec-17	640,379,451	-	-	-	-	661,699,124	-	-	-	-	160,417	-	-	-	-
Jan-18	588,048,185	-	-	-	-	605,182,761	-	-	-	-	143,765	-	-	-	-
Feb-18	542,939,119	-	-	-	-	561,948,634	-	-	-	-	138,438	-	-	-	-
Mar-18	485,505,000	-	_	-	-	503,940,481	-	-	-	-	127,971	-	-	-	-
Apr-18	504,741,352	-	-	-	-	525,952,271	-	-	-	-	129,842	-	-	-	-
May-18	444,381,263	153,306,696	81,370,636	62,155,517	9,780,543	464,371,971	158,418,677	84,145,865	64,422,366	9,850,445	117,155	62,653	37,939	22,067	2,647
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Analysis: Comparison with Total Volume (Face Amount) and Number of IGB DVP Settlements at Bank of Japan

			olume of DVP Settlemer			Number of DVP Settlemen	ts
Month			age, Face Amount, JPY is	n Millions)		(Daily Average)	
-Year	Number of Business Days	Volume of DVP Settlement via JSCC	Total BOJ Settlements	JSCC Share	Number of Settlements via JSCC	Total BOJ Settlements	JSCC Share
2016	245	29,345,864	53,779,031	54.6%	7,241	13,580	53.3
2017	247	30,199,506	52,810,092	57.2%	7,511	13,394	56.1
2018	79	26,851,059	50,564,495	53.1%	6,836	13,060	52.3
May-17	20	33,374,309	57,565,305	58.0%	8,076	13,896	58.1
Jun-17	22	33,281,570	56,947,291	58.4%	8,114	14,009	57.9
Jul-17	20	31,979,190	53,975,640	59.2%	7,888	13,726	57.5
Aug-17	22	28,346,966	48,547,545	58.4%	7,035	12,459	56.
Sep-17	20	28,867,663	50,209,270	57.5%	7,300	13,060	55.
Oct-17	21	26,598,098	46,843,614	56.8%	6,855	12,439	55.
Nov-17	20	24,842,346	45,230,160	54.9%	6,514	12,249	53.
Dec-17	21	30,494,260	52,844,252	57.7%	7,639	13,661	55.
Jan-18	19	30,949,904	54,394,979	56.9%	7,567	13,749	55.
Feb-18	19	28,575,743	51,594,068	55.4%	7,286	13,467	54.
Mar-18	21	23,119,286	47,222,000	49.0%	6,094	12,396	49.
Apr-18	20	25,237,068	49,457,060	51.0%	6,492	12,714	51.
May-18	21	28,461,331			8,562		

3. Funds Only Settlement (FOS)

Month	Number of Business Days		S Volume n Millions)
-Year	,		Daily Average
2016	245	11,657,281	47,581
2017	247	5,812,710	23,533
2018	100	1,861,059	18,611
May-17	20	479,282	23,964
Jun-17	22	463,576	21,072
Jul-17	20	476,068	23,803
Aug-17	22	344,444	15,657
Sep-17	20	633,187	31,659
Oct-I7	21	328,128	15,625
Nov-17	20	461,549	23,077
Dec-17	21	338,085	16,099
Jan-18	19	347,491	18,289
Feb-18	19	349,020	18,369
Mar-18	21	400,779	19,085
Apr-18	20	385,200	19,260
May-18	21	378,567	18,027

4. Number of DVP Settlement per Hour

Buy/Sell, Standard Repo and Cash-secured Bond Lending

	9:00~9:30	9:30 ~ 10:00	10:00~10:30	10:30~11:00	11:00~11:30	11:30~12:00	12:00 ~ 12:30	12:30~13:00	13:00~13:30	13:30~	Average Time Taken for Each Settlement (in Minutes)
Receiving JGBs	50,490	3,705	2,695	837	614	236	134	219	20	2	1.4
Delivering JGBs	44,083	5,296	4,729	1,723	1,104	475	316	423	41	13	2.3
Total	94,573	9,001	7,424	2,560	1,718	711	450	642	61	15	
Percentage Settled	80.7%	88.4%	94.7%	96.9%	98.3%	99.0%	99.3%	99.9%	99.9%	100.0%	

Subsequent Collateral Allocation Repo

	9:00~9:30	9:30~10:00	10:00~10:30	10:30~	Average Time Taken for Each Settlement (in Minutes)
Receiving JGBs	18,709	429	452	0	1.8
Delivering JGBs	16,975	736	580	58	2.5
Total	35,684	1,165	1,032	58	
Percentage Settled	94.0%	97 1%	99.8%	100.0%	1

	11:00~11:30	11:30~12:00	12:00~12:30	12:30~13:00	13:00~13:30	13:30~	Average Time Taken for Each Settlement (in Minutes)
Receiving JGBs	10,730	221	11	7	0	0	0.1
Delivering JGBs	10,185	569	28	316	0	0	9.0
Total	20,915	790	39	323	0	0	
Percentage Settled	94.8%	98.4%	98.5%	100.0%	100.0%	100.0%	

	14:00~14:30	14:30~15:00	15:00~15:30	15:30~	Average Time Taken for Each Settlement (in Minutes)
Receiving JGBs	1,242	45	0	0	0.1
Delivering JGBs	1,271	89	0	0	4.8
Total	2,513	134	0	0	
Percentage Settled	94.9%	100.0%	100.0%	100.0%	

5. Fails

Month -Year	Number of Business Days		ne of Fails t, JPY in Millions)	Number of Transactions		
- 1 car			Daily Average		Daily Average	
2016	245	1,280,513	5,227	338	1.4	
2017	247	661,599	2,679	211	0.9	
2018	100	332,137	3,321	113	1.1	
May-17	20	8,058	403	3	0.2	
Jun-17	22	32,299	1,468	13	0.6	
Jul-17	20	28,900	1,445	13	0.7	
Aug-17	22	23,210	1,055	7	0.3	
Sep-17	20	69,748	3,487	27	1.4	
Oct-17	21	99,600	4,743	25	1.2	
Nov-17	20	90,523	4,526	26	1.3	
Dec-17	21	28,151	1,341	15	0.7	
Jan-18	19	86,233	4,539	24	1.3	
Feb-18	19	60,200	3,168	15	0.8	
Mar-18	21	74,557	3,550	25	1.2	
Apr-18	20	66,008	3,300	24	1.2	
May-18	21	45,139	2,149	25	1.2	

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III. Netting Effect

Buy/Sell, Standard Repo and Cash-secured Bond Lending

Month -Year	Number of Business Days	DVP Settlement Volume (Face Amount, JPY in Millions)		Volume Cleared (Face Amount, JPY in Millions)		Netting Effect Ratio (Settlement Volume vs Volume Cleared)	DVP Settlement Value (JPY in Millions)		Value Cleared (JPY in Millions)		Netting Effect Ratio (Settlement Value vs Value Cleared)
			Daily Average		Daily Average			Daily Average		Daily Average	
2016	245	7,189,832,173	29,346,254	28,495,600,913	116,308,575	25.2%	7,553,535,985	30,830,759	30,175,839,562	123,166,692	25.0%
2017	247	7,459,234,713	30,199,331	30,952,163,248	125,312,402	24.1%	7,760,320,171	31,418,300	32,225,027,532	130,465,699	24.19
2018	100	2,565,614,921	25,656,149	10,344,503,418	103,445,034	24.8%	2,661,396,120	26,613,961	10,789,439,833	107,894,398	24.7%
May-17	20	667,486,174	33,374,309	2,689,974,284	134,498,714	24.8%	695,527,516	34,776,376	2,803,015,541	140,150,777	24.8%
Jun-17	22	732,194,530	33,281,570	2,828,164,338	128,552,924	25.9%	759,317,769	34,514,444	2,947,720,363	133,987,289	25.8%
Jul-17	20	639,583,809	31,979,190	2,394,798,204	119,739,910	26.7%	663,296,352	33,164,818	2,493,088,064	124,654,403	26.6%
Aug-17	22	623,670,446	28,348,657	2,613,243,301	118,783,786	23.9%	646,249,532	29,374,979	2,720,716,764	123,668,944	23.8%
Sep-17	20	577,316,057	28,865,803	2,429,479,901	121,473,995	23.8%	599,153,964	29,957,698	2,531,881,366	126,594,068	23.7%
Oct-17	21	558,569,247	26,598,536	2,514,040,116	119,716,196	22.2%	581,649,953	27,697,617	2,621,637,711	124,839,891	22.2%
Nov-17	20	496,945,322	24,847,266	2,226,916,094	111,345,805	22.3%	516,757,711	25,837,886	2,323,404,023	116,170,201	22.2%
Dec-17	21	640,271,851	30,489,136	2,483,647,145	118,268,912	25.8%	661,590,525	31,504,311	2,576,294,847	122,680,707	25.7%
Jan-18	19	588,048,185	30,949,904	2,184,042,544	114,949,608	26.9%	605,182,761	31,851,724	2,263,028,729	119,106,775	26.7%
Feb-18	19	542,939,119	28,575,743	2,171,113,689	114,269,142	25.0%	561,948,634	29,576,244	2,260,165,727	118,956,091	24.9%
Mar-18	21	485,505,000	23,119,286	2,071,472,783	98,641,561	23.4%	503,940,481	23,997,166	2,167,720,246	103,224,774	23.2%
Apr-18	20	504,741,352	25,237,068	2,121,940,950	106,097,048	23.8%	525,952,271	26,297,614	2,217,947,676	110,897,384	23.7%
May-18	21	444,381,263	21,161,013	1,795,933,450	85,520,641	24.7%	464,371,971	22,112,951	1,880,577,453	89,551,307	24.7%

Subsequent Collateral Allocation Repo

Month -Year	Number of Business Days		tlement Value n Millions)	calc	for Netting Effect ulation) n Millions)	Netting Effect Ratio (Settlement Value vs Value Cleared)	
		Daily Average			Daily Average	verage	
2016	245	-	-	-	-	_	
2017	247	-	-	-	_	-	
2018	100	158,418,677	1,584,187	749,024,695	35,667,843	21.1%	
May-17	20	-	-	-	-	_	
Jun-17	22	-	-	-	-	-	
Jul-17	20	-	-	-	_	-	
Aug-17	22	-	-	-	_	-	
Sep-17	20	-	-	-	_	-	
Oct-17	21	-	-	-	-	-	
Nov-17	20	-	-	-	-	-	
Dec-17	21	-	-	-	_	-	
Jan-18	19	-	-	-	-	-	
Feb-18	19	-	-	-	-	-	
Mar-18	21	-	-	-	-	-	
Apr-18	20	-	-	-	-	-	
May-18	21	158,418,677	7,543,747	749,024,695	35,667,843	21.1%	