



5 May 2026

[REDACTED]
[REDACTED]

Dear [REDACTED]

Thank you for your request made under the Official Information Act 1982 (OIA), received on 4 April 2026. Your request is attached in full as **Appendix A** in this response.

Background

The Ministry of Education is the lead agency for student loans and is responsible for providing strategic policy advice, forecasting borrower costs, preparing the Annual Report and managing the valuation process. Inland Revenue is responsible for operational matters relating to the student loan scheme, such as calculating and collecting student loan repayment obligations and ensuring borrowers meet their obligations, once a loan has been drawn down. This includes undertaking engagement and enforcement activity to re-establish compliance and taking action where repayment obligations are not met.

Accordingly, on 17 April 2026, we transferred questions 2, 4, 7, and 8 of your request to the Ministry of Education as we believe those questions posed are more closely related with the functions of that agency.

This letter responds to the following questions:

- 1. The full methodology used to determine the overseas-based borrower interest rate for each of the above years, including any formula, model, or calculation applied.*
- 3. Copies of any internal policies, guidance, or frameworks governing how the rate is determined, reviewed, and approved.*
- 5. Copies of internal communications, advice, or recommendations (including emails, memoranda, or reports) relating to changes in the rate across the above periods.*
- 6. Details of any external consultation undertaken in determining these rates.*

Information released

The methodology used to determine the overseas-based borrower rate is found in section 4 of the Student Loan Scheme Act 2011 (the Act). The student loan interest rate is set by reference to the formula called the "base interest rate" (meaning the interest rate that applies for a tax year, calculated in accordance with the formula).

The base interest rate is calculated as following:

$$a\% = b\% + 1.74\%$$

where:

- **a%** - rounded to the nearest 1 decimal place is the interest rate for the relevant tax year.
- **b%** - is the average, rounded to the nearest 2 decimal places, of the monthly average 10-year government bond yield rates published by the Reserve Bank of New Zealand for the 5 years ending in December in the year that precedes the relevant tax year.

Please note that on 1 April 2025, the margin component of the formula was increased by 1% for 5 years. This increased from 0.74% to 1.74%.

Section 134 of the Act then describes how the formula applies for overseas-based borrowers. It is calculated (caveating that if a tax year includes an extra day because of a leap year, the reference to 365 in the formula must be treated as if it were a reference to 366) as follows:

$$a = b \times c \div 365$$

where:

- **a** - is the loan interest.
- **b** - is the borrower's loan balance on the relevant day.
- **c** - is the base interest rate for the applicable tax year.

Interest is calculated for each tax year (1 April - 31 March), and the calculations to determine the student loan base interest rate for a given tax year is generally completed and reviewed in January by Inland Revenue. This allows time for system testing to be carried out before 1 April each year.

The table below lists items that are held by Inland Revenue (such as internal emails and the calculations applied from the described formulas) which were identified as being relevant and related to changes of the student loan rates in the period requested. Communications of an administrative nature that provide no relevant context and/or meaningful information have been excluded.

Item	Date	Document
Internal communications (email chains)		
1.	18/01/2024	FW: Student Loan Interest rates.msg
2.	28/01/2025	FW: Student Loan Interest rate calculation workings ready for review.msg
3.	12/02/2025	FW: Student Loan Interest rate calculation.msg

Item	Date	Document
4.	02/02/2026	Laura Crane shared "SLS interest rate calculator Jan 2026" with you.msg
5.	03/02/2026	Re: Student loans interest rate calculation.msg
Calculations		
6.	N/A	SLS interest rate calculator Jan 2024 v1.xlsx
7.	N/A	SLS interest rate calculator Jan 2025.xlsx
8.	N/A	Copy of SLS interest rate calculator 2025-2026.xlsx
9.	N/A	SLS interest rate calculator Jan 2026 to PD&D.xlsx
10.	N/A	SLS interest rate calculation 2026-2027.xlsx

These documents cover communications between Inland Revenue staff reviewing the calculated rates, and the calculations applied. These documents are attached to this response as **Appendix B**.

Contact information has been removed from the documents listed above under section 9(2)(a) of the OIA to protect the privacy of natural persons. As required by section 9(1) of the OIA, I have considered whether the grounds for withholding the information requested is outweighed by the public interest. In this instance, I do not consider that to be the case.

Information publicly available

The Ministry of Education has engaged with Inland Revenue on overseas-based borrower interest rates as part of their role in developing and providing advice on student loan policy. An OIA response published on the Ministry of Education's website includes relevant documents related to changes to these rates, including records of consultation with Inland Revenue and the outcomes of those engagements (such as reports).

Accordingly, part of your request is refused under section 18(d) of the OIA, as the information is publicly available:

Item	Date	Document	Website address
1.	19/05/2025	Official Information Act Request 1346468 Response	https://web-assets.education.govt.nz/s3fs-public/2025-05/OIA%201346468%20-%20response.pdf?VersionId=fwbeFypoqwnCfAimXpP8ZUOcrnUGYfI2

Item	Date	Document	Website address
2.	19/05/2025	Official Information Act Request 1346468 Appendix B	https://web-assets.education.govt.nz/s3fs-public/2025-05/APPENDIX%20B%20-%20OIA%201346468.pdf?VersionId=ad5wQ1sTi_h9gPJU2gF98g_j8RXDy9fX

Some information has been removed from the documents listed above. The relevant OIA grounds are provided in the documents.

Information refused

Inland Revenue has not produced any *internal policies, guidance, or frameworks governing how the rate is determined, reviewed, and approved*. The Ministry of Education is the lead policy agency responsible for the policy decisions related to the setting, reviewing or approval of student loan rates- including overseas-based borrower rates. Question 3 of your request is therefore refused under section 18(e) of the OIA, as the documents alleged to contain the information requested do not exist.

Right of review

If you disagree with my decision on your OIA request, you have the right to ask the Ombudsman to investigate and review my decision under section 28(3) of the OIA. You can contact the office of the Ombudsman by email at: info@ombudsman.parliament.nz.

Publishing of OIA response

We intend to publish our response to your request on Inland Revenue's website (ird.govt.nz) as this information may be of interest to other members of the public. This letter, with your personal details removed, may be published in its entirety. Publishing responses increases the availability of information to the public and is consistent with the OIA's purpose of enabling more effective participation in the making and administration of laws and policies and promoting the accountability of officials.

Thank you again for your request.

Yours sincerely



Michael Waller

Segment Management Lead - Individuals

Appendix A

I am writing to request information under the Official Information Act 1982 in relation to the determination of the overseas-based borrower student loan interest rate. This request relates to the annual interest rates of 5.6% (2027), 4.9% (2026), and 3.3% (2025), and preceding years where relevant. Please provide the following information:

- 1. The full methodology used to determine the overseas-based borrower interest rate for each of the above years, including any formula, model, or calculation applied.*
- 2. Details of all underlying benchmarks used, including:*
 - a. The specific government bond yields or other instruments referenced (including tenor);*
 - b. The averaging period applied;*
 - c. Any adjustments, uplifts, or margins applied.*
- 3. Copies of any internal policies, guidance, or frameworks governing how the rate is determined, reviewed, and approved.*
- 4. Any analysis, modelling, or briefing material prepared to support the setting or adjustment of the rate, including any assessment of alignment with the Crown's cost of borrowing.*
- 5. Copies of internal communications, advice, or recommendations (including emails, memoranda, or reports) relating to changes in the rate across the above periods.*
- 6. Details of any external consultation undertaken in determining these rates.*

For the avoidance of doubt, this request includes information held in draft form where it informed decision-making.

Public information indicates that the overseas interest rate is guided by the Crown's cost of borrowing, including reference to government bond yields. However, the observed rates appear to have varied materially relative to both government bond yields and the Official Cash Rate over time. Please therefore also:

- 7. Confirm the specific benchmark(s) used in each year and explain the basis for any divergence between the overseas interest rate and observable government borrowing costs.*
- 8. Confirm whether a fixed methodology (e.g. benchmark plus margin) is applied, and if so, explain how any variation in the resulting spread over time is determined.*

If any part of this request is refused or withheld, please specify the relevant statutory grounds and provide all reasonably available information by way of partial release. Given the material increase in the overseas interest rate and its financial impact, this request is made with the expectation of a complete and transparent response. Any refusal or withholding should be clearly justified under the Act, with all non-exempt information released. I trust the response will address each element of this request within the statutory timeframe.

Appendix B - Item 1

From: [Carolyn Elliott](#)
To: [Kelly Paterson](#)
Subject: FW: Student Loan Interest rates
Date: Monday, 7 October 2024 12:22:00 pm
Attachments: [SLS interest rate calculator Jan 2024 v1.xlsx](#)
[image001.png](#)

From: Carolyn Elliott
Sent: Thursday, January 18, 2024 10:36 AM
To: Tracey Balfour
Subject: FW: Student Loan Interest rates

Here you go – have confirmed with Taylor/Jacqui there isn't anything for PaRS to do here.

From: Taylor Denzel <s 9(2)(a) >
Sent: Wednesday, January 17, 2024 9:35 AM
To: Carolyn Elliott <s 9(2)(a) >; Joshua Fowler <s 9(2)(a) >
Subject: FW: Student Loan Interest rates

Kia ora,

We have just received the approved Student Loan Interest calculation back from the Crown team. Jacqui Batchelor mentioned that we usually send this through to the PaRS team as there is regulatory process that needs to happen.

Please find attached the spreadsheet confirming the interest rates and the email advising of sign off on this calculation.

Should you have any questions or you are not the correct people to look after this issue let me know.

Cheers,

Taylor

From: Alex Treseder <s 9(2)(a) >
Sent: Wednesday, January 17, 2024 8:40 AM
To: Taylor Denzel <s 9(2)(a) >; Jean Song <s 9(2)(a) >
Subject: RE: Student Loan Interest rates

Hi Taylor,

Please find my working for the SLS rate change attached. This version has also been reviewed and approved by Michelle Snyman.

Going forward can you please send this query to [@Jean Song](#).

Please don't hesitate to contact me if you have any questions.

Regards,

Alex

From: Taylor Denzel <s 9(2)(a) >
Sent: Monday, January 8, 2024 9:54 AM
To: Alex Treseder <s 9(2)(a) >
Subject: Student Loan Interest rates

Kia ora Alex,

I am the SLS portfolio holder for the events and channel management team, previously this managed by Joshua Parata. I have got some handover notes around the SLS rate changes and it mentions that you have previously looked after these rates and confirmed the RLPI & LPI.

Please find attached a copy of our SLS interest calculator spreadsheet with this years calculation, if I have missed out some information or you are not the correct contact person for this matter let me know.

Kind regards,

Taylor Denzel | Domain Specialist | PD&D: Events and Channel Management | Inland Revenue
Level 7 Asteron House | 55 Featherston Street | Wellington, 5018 | PO Box 2198

T. **s 9(2)(a)** | Ext. **s 9(2)(a)** | E. **s 9(2)(a)**

[Chat with me on Teams](#)

Appendix B - Item 2

Thomas Mace

From: Joshua Fowler
Sent: Tuesday, 28 January 2025 2:16 pm
To: Miriam Urlich
Cc: Grace McFarlane; Alex Collier; Carolyn Elliott; Ella Patterson
Subject: FW: Student Loan Interest rate calculation workings ready for review
Attachments: SLS interest rate calculator Jan 2025.xlsx

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Miriam

Just had a query from Crown accounting re: the new student loan interest rate – do you have any information you could share?

Best,
Josh

Joshua Fowler

Senior Policy Advisor|Policy|Inland Revenue
Kaitohutohu Kaupapa Matua | Taukaea | Te Tari Taake
DDI. s 9(2)(a) | Ext. s 9(2)(a)
E.s 9(2)(a)



From: Alex Collier
Sent: Tuesday, 28 January 2025 12:07 pm
To: Joshua Fowler
Subject: FW: Student Loan Interest rate calculation workings ready for review

Hi Josh,

Our colleagues in Crown accounting are looking for any papers or cabinet minutes on the change to the student loan interest rate from 1 April 2025 as below. I can't find anything in our files, do you have anything by any chance?

Thanks

Alex

From: Alex Treseder S 9(2)(a)
Sent: Tuesday, 28 January 2025 8:55 am
To: Alex Collier S 9(2)(a)
Cc: Jean Song S 9(2)(a)
Subject: FW: Student Loan Interest rate calculation workings ready for review

Hi Alex,

We are currently looking at the new interest rate for SLS from 1 April 2025. I was wondering if you have any info relating to the rate change as per the following:

The 0.74% has been increased to 1.74% based of the changes associated with AC25(Annual change 2025).

Has this decision changed the base interest rate for SLS as such having a flow on impact to the calculation of Late Payment Interest and Reduced Late Payment Interest.

Total for the last 5 years	186.38	
Monthly average over the last 5 years	3.11	
Add 0.74%	3.85	Note: 0.74% is per Stu
Add 1% based on the Cabinet decision at BEFU 24	1	
SLS interest rate	4.85	
SLS interest rate (Rounded)	4.9	
Late Payment Interest (LPI)		
Annual rate = interest rate + 4%		Note: 4% is per Studer
Annual rate =	8.90	
Monthly rate = $(1 + \text{annual rate})^{(1/12)} - 1$		
Monthly rate =	0.007130	
Monthly rate (truncated [not rounded] to 3 places) =	0.713%	
Reduced Late Payment Interest (rLPI)		
Annual rate = interest rate + 2%		Note: 2% is per Studer
Annual rate =	6.90	
Monthly rate = $(1 + \text{annual rate})^{(1/12)} - 1$		
Monthly rate =	0.005576	
Monthly rate (truncated [not rounded] to 3 places) =	0.557%	

Regards,

Alex

Appendix B - Item 3

Thomas Mace

From: Angela Greig
Sent: Wednesday, 12 February 2025 8:58 am
To: Carolyn Elliott
Subject: FW: Student Loan Interest rate calculation

From: Taylor Denzel
Sent: Wednesday, 29 January 2025 4:40 pm
To: Jacqui Batchelor ; Denise D'Ewes ; Angela Greig
Subject: FW: Student Loan Interest rate calculation

Kia ora team,

Please find below confirmation Student Loan rates confirmation

Student Loan rate – 4.9%
LPI - 0.713%
RLPI – 0.557

Let me know if you have any questions.

Cheers,

Taylor

From: Jean Song s 9(2)(a)
Sent: Wednesday, 29 January 2025 4:29 pm
To: Taylor Denzel s 9(2)(a)
Cc: Amber Liddell s 9(2)(a) ; Alex Treseder s 9(2)(a)
Subject: RE: Student Loan Interest rate calculation

Hi Taylor,

Please see the following calculations and percentages as requested.

Total for the last 5 years	186.38
Monthly average over the last 5 years	3.11
Add 0.74%	3.85
Add 1% to the student loan base interest loan calculation	1
SLS interest rate	4.85
SLS interest rate (Rounded)	4.9
Late Payment Interest (LPI)	
Annual rate = interest rate + 4%	
Annual rate =	8.90
Monthly rate = $(1 + \text{annual rate})^{(1/12)} - 1$	
Monthly rate =	0.007130
Monthly rate (truncated [not rounded] to 3 places) =	0.713%
Reduced Late Payment Interest (rLPI)	
Annual rate = interest rate + 2%	
Annual rate =	6.90
Monthly rate = $(1 + \text{annual rate})^{(1/12)} - 1$	
Monthly rate =	0.005576
Monthly rate (truncated [not rounded] to 3 places) =	0.557%

The calculation methodology is based on an increase of 1% of the student loan base interest rate.

https://www.legislation.govt.nz/bill/government/2024/0053/latest/whole.html

CO (18) 2: Proposals... Appropriations and... Citi CitiDirect BE® Citibank_bacs_Paym... Corporate Online -... Radio NZ – all radio...

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Changes to the student loan base interest rate calculation

The Bill increases the student loan base interest rate by 1% for a period of five years starting from 1 April 2025 to cover the loss in value of the scheme due to recent high inflation. This means the interest rate charged on an overborrower's student loan will increase by 1%, as will the late payment interest rate charged on unpaid amounts.

Let us know if you require anything else.

Kind Regards

Jean Song
 Accountant | Finance Services | Inland Revenue
 Kaikaute | Ratonga Pūtea | Te Tari Taake
 T: +S 9(2)(a)

From: Taylor Denzel S 9(2)(a)
Sent: Monday, 27 January 2025 3:47 pm
To: Jean Song S 9(2)(a)
Cc: Amber Liddell S 9(2)(a); Alex Treseder S 9(2)(a)
Subject: RE: Student Loan Interest rate calculation

Kia ora Jean,

Thanks heaps for getting back to me with this. Just to confirm, the Student Loan matches that of the spreadsheet which is 4.9%?

Could you also provide confirmation of the LPI & RLPI.

Thanks heaps,

Taylor

From: Jean Song S 9(2)(a)
Sent: Monday, 27 January 2025 3:19 pm
To: Taylor Denzel S 9(2)(a)
Cc: Amber Liddell S 9(2)(a); Alex Treseder S 9(2)(a)
Subject: RE: Student Loan Interest rate calculation

Hi Taylor,

We have completed the review and happy with the rates.

There are 8 months showing 1 cent variance between your rates and our calculations, but they are immaterial.

As you pointed out, the 1% increase of the SL interest is reflected in the rates.

Let us know if you require anything else.

Thanks.

Kind Regards

Jean Song
Accountant | Finance Services | Inland Revenue
Kaikaute | Ratonga Pūtea | Te Tari Taake
T: +S 9(2)(a)

From: Taylor Denzel S 9(2)(a)
Sent: Monday, 27 January 2025 8:07 am
To: Jean Song S 9(2)(a)
Cc: Amber Liddell S 9(2)(a)
Subject: RE: Student Loan Interest rate calculation

Kia ora Jean,

Is there any update available on the Student Loan rates. I've had a few people contacting me about when they will be available.

Thanks heaps,

Taylor

From: Jean Song S 9(2)(a)
Sent: Monday, 6 January 2025 10:00 am
To: Taylor Denzel S 9(2)(a)
Cc: Amber Liddell S 9(2)(a)
Subject: RE: Student Loan Interest rate calculation

Thanks Taylor,

I will talk with Alex first and if any questions, I will be in touch.

Kind Regards

Jean Song
Accountant | Finance Services | Inland Revenue
Kaikaute | Ratonga Pūtea | Te Tari Taake
T: +S 9(2)(a)

From: Taylor Denzel S 9(2)(a)
Sent: Monday, 6 January 2025 9:56 am
To: Jean Song S 9(2)(a)
Cc: Amber Liddell S 9(2)(a)
Subject: Student Loan Interest rate calculation

Kia ora Jean,

Hope you had a nice Christmas break. I was advised by Alex Treseder that going forward from last year you are now the contact person for confirming the SLS interest rates.

Please find attached a copy of our updated excel spreadsheet. Not entirely sure if Alex did some handover notes but he usually looked after these rates and confirmed the RLPI & LPI.

Something to note is that the 0.74% has been increased to 1.74% based of the changes associated with AC25(Annual change 2025).

Any issues with this calculation just sing out.

Thanks heaps,

Taylor Denzel | Domain Specialist | [PD&D: Events and Channel Management](#) | Inland Revenue
Level 7 Asteron House | 55 Featherston Street | Wellington, 5018 | PO Box 2918
T. +S 9(2)(a) | E. S 9(2)(a)

 [Chat with me on Teams](#)

Appendix B - Item 4

Thomas Mace

From: Laura Crane S 9(2)(a)
Sent: Monday, 2 February 2026 1:00 pm
To: Alex Treseder S 9(2)(a) ; Jean Song S 9(2)(a) ; Rachel Parker
S 9(2)(a)
Subject: Laura Crane shared "SLS interest rate calculator Jan 2026" with you



Laura Crane invited you to view a file

Hi Rachel.

I have reviewed the interest calc making sure I RB download data checked rates have not changed in legislation.

Alex and Jean this FYI.

Thanks
Laura



[SLS interest rate calculator Jan 2026](#)



This invite will only work for you and people with existing access.

Open

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Appendix B - Item 5

From: s 9(2)(a)
To: s 9(2)(a)
Cc: s 9(2)(a)
Subject: Re: Student loans interest rate calculation
Date: Tuesday, 3 February 2026 10:37:42 am
Attachments: [image001.png](#)
[SLS interest rate calculator Jan 2026 to PD&D.xlsx](#)

Good morning all,

We have completed the review and are happy with the rates. Attached are our final workings, which include checks with formulas and legislative compliance. There are several months showing variances of around 0.01, which are deemed immaterial.

We apologise for the delay. Please let us know if you need anything else.

Kind Regards

Jean Song
Accountant | Finance Services | Inland Revenue
Kaikaute | Ratonga Pūtea | Te Tari Taake
T: +s 9(2)(a)

From: Amber Liddell s 9(2)(a)
Sent: Monday, 2 February 2026 11:22 am
To: Jean Song s 9(2)(a); Taylor Denzel s 9(2)(a)
Cc: Jacqui Batchelor s 9(2)(a); Anouschka Adolph
s 9(2)(a)
Subject: RE: Student loans interest rate calculation

Morning Jean and Taylor,

Hope you are both well, and had a good weekend.

As it is now the beginning of Feb, I am starting to get chased up for this as there are a few letters which need testing.

Is there any update on when we might receive it so that I can adjust the work dates accordingly?

Thanks!

Amber Liddell ([She/Her/They/Them](#))

Domain Specialist - Level 2 | PD&D | Inland Revenue

E: s 9(2)(a)

From: Jean Song s 9(2)(a)

Sent: Thursday, 29 January 2026 1:25 PM

To: Taylor Denzel s 9(2)(a)

Cc: Amber Liddell s 9(2)(a); Jacqui Batchelor

s 9(2)(a); Anouschka Adolph s 9(2)(a)

Subject: Re: Student loans interest rate calculation

Hi Taylor,

I have followed up with Laura Crane who is reviewing the workings this morning. We will confirm it as soon as she completes the review.

Sorry for the delay.

Kind Regards

Jean Song

Accountant | Finance Services | Inland Revenue

Kaikāute | Ratonga Pūtea | Te Tari Taake

T: +s 9(2)(a)

From: Taylor Denzel s 9(2)(a)

Sent: Wednesday, 28 January 2026 4:52 pm

To: Jean Song s 9(2)(a)

Cc: Amber Liddell s 9(2)(a); Jacqui Batchelor

s 9(2)(a); Anouschka Adolph s 9(2)(a)

Subject: RE: Student loans interest rate calculation

Kia ora Jean,

Hope you have been keeping well. Is there any update available for the SLS rates?

Thanks heaps,

Taylor

From: Jean Song s 9(2)(a)
Sent: Thursday, 8 January 2026 9:34 AM
To: Taylor Denzel s 9(2)(a)
Cc: Amber Liddell s 9(2)(a); Jacqui Batchelor s 9(2)(a)
Subject: Re: Student loans interest rate calculation

Sounds good.

Kind Regards

Jean Song
Accountant | Finance Services | Inland Revenue
Kaikāute | Ratonga Pūtea | Te Tari Taake
T: +s 9(2)(a)

From: Taylor Denzel s 9(2)(a)
Sent: Thursday, 8 January 2026 9:33 am
To: Jean Song s 9(2)(a)
Cc: Amber Liddell s 9(2)(a); Jacqui Batchelor s 9(2)(a)
Subject: RE: Student loans interest rate calculation

Hey Jean,

I haven't been given any specific date, but I think any time before the end of January should be fine.

This gives us enough time to get it updated across the board and notify any external contacts that are required.

Cheers,

Taylor

From: Jean Song s 9(2)(a)
Sent: Thursday, 8 January 2026 9:11 AM
To: Taylor Denzel s 9(2)(a)
Cc: Amber Liddell s 9(2)(a); Jacqui Batchelor s 9(2)(a)
Subject: Re: Student loans interest rate calculation

Hi Taylor,

Can you advise when do you need it by? Cheers.

Kind Regards

Jean Song
Accountant | Finance Services | Inland Revenue
Kaikaute | Ratonga Pūtea | Te Tari Taake
T: +s 9(2)(a)

From: Taylor Denzel s 9(2)(a)
Sent: Thursday, 8 January 2026 9:09 am
To: Jean Song s 9(2)(a)
Cc: Amber Liddell s 9(2)(a); Jacqui Batchelor s 9(2)(a)
Subject: RE: Student loans interest rate calculation

Morning Jean,

Attached to this document is a copy of the Student Loan interest rate calculation that requires confirmation. In addition to the standard rate, we also require confirmation of the RLPI & LPI rates.

Any questions just let me know,

Cheers,

Taylor

From: Jean Song s 9(2)(a)
Sent: Monday, 5 January 2026 4:39 PM
To: Taylor Denzel s 9(2)(a)
Subject: Re: Student loans interest rate calculation

Hi Taylor,

Yeah, you can send it through to me. Cheers. Happy new year to you too.

Kind Regards

Jean Song
Accountant | Finance Services | Inland Revenue
Kaikaute | Ratonga Pūtea | Te Tari Taake
T: +s 9(2)(a)

From: Taylor Denzel s 9(2)(a)
Sent: Monday, 5 January 2026 4:37 pm
To: Jean Song s 9(2)(a)
Subject: Student loans interest rate calculation

Hi Jean,

Hope you had a nice Christmas break. Are you still the go to contact for confirmation of the SLS interest rates? or do you no longer look after this.

I will do up the calculation draft this week sometime & want to check in and make sure you're still the go to person for this before I sent it through.

Cheers,

Taylor Denzel | Domain Specialist | PD&D: Events, Test & Application Support | Inland Revenue

Level 7 Asteron House | 55 Featherston Street | Wellington, 5018 | PO Box 2918

T. +s 9(2)(a) | E. s 9(2)(a)

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Appendix B - Item 6

Note: The rate must be:

- taken from the 10 year column
- the last 60 months
- must run from January to December

Month/Year	Rate (rounded 2dp)
Jan 2019	2.33
Feb 2019	2.18
Mar 2019	2.02
Apr 2019	1.96
May 2019	1.80
Jun 2019	1.63
Jul 2019	1.55
Aug 2019	1.13
Sept 2019	1.16
Oct 2019	1.16
Nov 2019	1.35
Dec 2019	1.53
Jan 2020	1.48
Feb 2020	1.28
Mar 2020	1.09
Apr 2020	0.95
May 2020	0.64
Jun 2020	0.90
Jul 2020	0.91
Aug 2020	0.68
Sept 2020	0.56
Oct 2020	0.54
Nov 2020	0.76
Dec 2020	0.93
Jan 2021	1.04
Feb 2021	1.46
Mar 2021	1.76
Apr 2021	1.68
May 2021	1.81
Jun 2021	1.76
Jul 2021	1.59
Aug 2021	1.65
Sept 2021	1.87
Oct 2021	2.21
Nov 2021	2.58
Dec 2021	2.38
Jan 2022	2.56
Feb 2022	2.74
Mar 2022	3.07
Apr 2022	3.47
May 2022	3.64
Jun 2022	3.98
Jul 2022	3.67
Aug 2022	3.57
Sept 2022	4.07
Oct 2022	4.42
Nov 2022	4.29
Dec 2022	4.20
Jan 2023	4.14
Feb 2023	4.32
Mar 2023	4.36
Apr 2023	4.11
May 2023	4.23
Jun 2023	4.48
Jul 2023	4.65
Aug 2023	4.90
Sept 2023	5.05
Oct 2023	5.46
Nov 2023	5.10
Dec 2023	4.71
Total	151.50

Total for the last 5 years	151.50
Average over the last 5 years	2.53
Add 0.74%	3.27
SLS interest rate	3.3

Late Payment Interest (LPI)

Annual rate = **interest rate** + 4%

Annual rate = 7.30

Monthly rate = $(1 + \text{annual rate})^{(1/12)} - 1$

Monthly rate = 0.005889

Monthly rate (truncated [not rounded] to 3 places) = 0.588%

Reduced Late Payment Interest (rLPI)

Annual rate = **interest rate** + 2%

Annual rate = 5.30

Monthly rate = $(1 + \text{annual rate})^{(1/12)} - 1$

Monthly rate = 0.004313

Monthly rate (truncated [not rounded] to 3 places) = 0.431%

- Note:** The rate must be:
- taken from the 10 year column
 - the last 60 months
 - must run from January to December

Month/Year	Rate
Jan 2018	2.88
Feb 2018	2.97
Mar 2018	2.89
Apr 2018	2.82
May 2018	2.78
Jun 2018	2.90
Jul 2018	2.81
Aug 2018	2.64
Sept 2018	2.60
Oct 2018	2.62
Nov 2018	2.69
Dec 2018	2.45
Jan 2019	2.33
Feb 2019	2.18
Mar 2019	2.02
Apr 2019	1.96
May 2019	1.79
Jun 2019	1.63
Jul 2019	1.55
Aug 2019	1.13
Sept 2019	1.16
Oct 2019	1.16
Nov 2019	1.35
Dec 2019	1.53
Jan 2020	1.48
Feb 2020	1.28
Mar 2020	1.08
Apr 2020	0.95
May 2020	0.64
Jun 2020	0.90
Jul 2020	0.91
Aug 2020	0.68
Sept 2020	0.56
Oct 2020	0.54
Nov 2020	0.75
Dec 2020	0.92
Jan 2021	1.04
Feb 2021	1.46
Mar 2021	1.76
Apr 2021	1.68
May 2021	1.81
Jun 2021	1.76
Jul 2021	1.59
Aug 2021	1.65
Sept 2021	1.87
Oct 2021	2.21
Nov 2021	2.57
Dec 2021	2.38
Jan 2022	2.56
Feb 2022	2.74
Mar 2022	3.07
Apr 2022	3.47
May 2022	3.64
Jun 2022	3.98
Jul 2022	3.67
Aug 2022	3.57
Sept 2022	4.07
Oct 2022	4.41
Nov 2022	4.29
Dec 2022	4.20
Total	128.98

Total for the last 5 years	128.98
Average over the last 5 years	2.15
Add 0.74%	2.89
SLS interest rate	2.9

Late Payment Interest (LPI)

Annual rate = **interest rate** + 4%

Annual rate = **6.90**

Monthly rate = $(1 + \text{annual rate})^{(1/12)} - 1$

Monthly rate = 0.005576

Monthly rate (truncated [not rounded] to 3 places) = 0.557%

Reduced Late Payment Interest (rLPI)

Annual rate = **interest rate** + 2%

Annual rate = **4.90**

Monthly rate = $(1 + \text{annual rate})^{(1/12)} - 1$

Monthly rate = 0.003994

Monthly rate (truncated [not rounded] to 3 places) = 0.399%

		Cash rate	Cash rate	Bank bill	Bank bill	Bank bill	Secondary market	Secondary market	Secondary market	Secondary market
		Official	Overnight	yields	yields	yields	governmen	governmen	governmen	governmen
		Cash Rate	interbank				t bond	t bond	t bond	t bond
		(OCR)	cash rate	30 days	60 days	90 days	yields	yields	yields	yields
Notes							1 year	2 year	5 year	10 year
Unit		%pa	%pa	%pa	%pa	%pa	Yes	Yes		
Series Id		INM.DP1.N	INM.DN.NZK	INM.DB01.N	INM.DB02.N	INM.DB03.N	INM.DG101.N	INM.DG102.N	INM.DG105.N	INM.DG110.N
31/01/2018	03 Jan 2018	1.75	1.74	1.79	1.84	1.89	1.79	1.91	2.28	2.77
31/01/2018	04 Jan 2018	1.75	1.51	1.79	1.83	1.88	1.79	1.92	2.32	2.77
31/01/2018	05 Jan 2018	1.75	1.50	1.79	1.83	1.87	1.78	1.92	2.32	2.76
31/01/2018	08 Jan 2018	1.75	1.59	1.79	1.83	1.88	1.78	1.93	2.34	2.78
31/01/2018	09 Jan 2018	1.75	1.63	1.79	1.83	1.87	1.78	1.96	2.39	2.81
31/01/2018	10 Jan 2018	1.75	1.72	1.79	1.83	1.87	1.78	1.97	2.41	2.85
31/01/2018	11 Jan 2018	1.75	1.58	1.78	1.83	1.87	1.78	1.98	2.42	2.87
31/01/2018	12 Jan 2018	1.75	1.50	1.78	1.83	1.87	1.78	1.97	2.42	2.87
31/01/2018	15 Jan 2018	1.75	1.76	1.78	1.83	1.88	1.78	1.97	2.41	2.87
31/01/2018	16 Jan 2018	1.75	1.52	1.77	1.82	1.88	1.78	1.99	2.43	2.88
31/01/2018	17 Jan 2018	1.75	1.75	1.78	1.83	1.89	1.79	1.98	2.42	2.88
31/01/2018	18 Jan 2018	1.75	1.58	1.78	1.83	1.88	1.80	2.01	2.46	2.91
31/01/2018	19 Jan 2018	1.75	1.75	1.78	1.83	1.88	1.80	2.03	2.48	2.94
31/01/2018	22 Jan 2018	1.75	1.76	1.78	1.83	1.88	1.81	2.04	2.51	2.98
31/01/2018	23 Jan 2018	1.75	1.68	1.78	1.83	1.88	1.81	2.04	2.51	2.99
31/01/2018	24 Jan 2018	1.75	1.75	1.79	1.84	1.88	1.81	2.00	2.47	2.91
31/01/2018	25 Jan 2018	1.75	1.61	1.80	1.84	1.88	1.81	2.00	2.48	2.94
31/01/2018	26 Jan 2018	1.75	1.75	1.80	1.84	1.88	1.78	1.96	2.43	2.91
31/01/2018	29 Jan 2018	1.75	1.75	1.79	1.84	1.88	1.78	1.97	2.45	2.93
31/01/2018	30 Jan 2018	1.75	1.75	1.80	1.84	1.88	1.78	1.96	2.43	2.93
31/01/2018	31 Jan 2018	1.75	1.71	1.80	1.84	1.89	1.78	1.95	2.43	2.93
28/02/2018	01 Feb 2018	1.75	1.74	1.80	1.84	1.89	1.78	1.93	2.40	2.90
28/02/2018	02 Feb 2018	1.75	1.53	1.80	1.84	1.89	1.78	1.94	2.44	2.97
28/02/2018	05 Feb 2018	1.75	1.62	1.81	1.85	1.89	1.78	1.95	2.46	2.99
28/02/2018	07 Feb 2018	1.75	1.71	1.81	1.85	1.89	1.77	1.93	2.44	2.98
28/02/2018	08 Feb 2018	1.75	1.61	1.81	1.85	1.90	1.77	1.88	2.41	2.98
28/02/2018	09 Feb 2018	1.75	1.60	1.80	1.85	1.91	1.77	1.87	2.40	2.96
28/02/2018	12 Feb 2018	1.75	1.70	1.80	1.85	1.91	1.77	1.85	2.39	2.96
28/02/2018	13 Feb 2018	1.75	1.70	1.80	1.85	1.91	1.77	1.87	2.41	2.99
28/02/2018	14 Feb 2018	1.75	1.70	1.80	1.85	1.90	1.77	1.86	2.39	2.97
28/02/2018	15 Feb 2018	1.75	1.61	1.80	1.85	1.90	1.77	1.87	2.43	3.00
28/02/2018	16 Feb 2018	1.75	1.68	1.80	1.86	1.91	1.77	1.87	2.41	2.99
28/02/2018	19 Feb 2018	1.75	1.71	1.80	1.86	1.92	1.77	1.86	2.39	2.97
28/02/2018	20 Feb 2018	1.75	1.68	1.79	1.86	1.92	1.77	1.87	2.42	2.98
28/02/2018	21 Feb 2018	1.75	1.75	1.79	1.86	1.92	1.77	1.87	2.42	2.98
28/02/2018	22 Feb 2018	1.75	1.75	1.79	1.87	1.93	1.77	1.88	2.44	3.00
28/02/2018	23 Feb 2018	1.75	1.59	1.79	1.87	1.92	1.77	1.86	2.41	2.96
28/02/2018	26 Feb 2018	1.75	1.50	1.79	1.85	1.91	1.77	1.87	2.40	2.93
28/02/2018	27 Feb 2018	1.75	1.76	1.79	1.85	1.92	1.77	1.87	2.39	2.92
28/02/2018	28 Feb 2018	1.75	1.76	1.79	1.85	1.92	1.77	1.89	2.42	2.94
31/03/2018	01 Mar 2018	1.75	1.50	1.80	1.86	1.92	1.77	1.89	2.41	2.94
31/03/2018	02 Mar 2018	1.75	1.69	1.79	1.85	1.91	1.77	1.88	2.39	2.91
31/03/2018	05 Mar 2018	1.75	1.75	1.78	1.84	1.90	1.77	1.92	2.42	2.95
31/03/2018	06 Mar 2018	1.75	1.70	1.78	1.84	1.90	1.77	1.92	2.44	3.00
31/03/2018	07 Mar 2018	1.75	1.70	1.78	1.84	1.90	1.77	1.96	2.48	3.06
31/03/2018	08 Mar 2018	1.75	1.69	1.78	1.84	1.90	1.77	1.93	2.45	3.02
31/03/2018	09 Mar 2018	1.75	1.75	1.78	1.84	1.90	1.77	1.90	2.41	2.94
31/03/2018	12 Mar 2018	1.75	1.52	1.78	1.84	1.90	1.77	1.93	2.44	2.98
31/03/2018	13 Mar 2018	1.75	1.60	1.78	1.84	1.90	1.77	1.95	2.45	2.98
31/03/2018	14 Mar 2018	1.75	1.63	1.78	1.84	1.89	1.77	1.94	2.43	2.93
31/03/2018	15 Mar 2018	1.75	1.61	1.79	1.85	1.91	1.77	1.92	2.40	2.90
31/03/2018	16 Mar 2018	1.75	1.65	1.81	1.87	1.93	1.77	1.89	2.36	2.85
31/03/2018	19 Mar 2018	1.75	1.75	1.81	1.87	1.93	1.76	1.89	2.34	2.84
31/03/2018	20 Mar 2018	1.75	1.70	1.84	1.90	1.95	1.76	1.88	2.32	2.82
31/03/2018	21 Mar 2018	1.75	1.71	1.86	1.91	1.96	1.75	1.90	2.35	2.85
31/03/2018	22 Mar 2018	1.75	1.80	1.86	1.91	1.96	1.75	1.90	2.36	2.84
31/03/2018	23 Mar 2018	1.75	1.71	1.86	1.92	1.96	1.75	1.87	2.32	2.78
31/03/2018	26 Mar 2018	1.75	1.80	1.87	1.92	1.97	1.75	1.87	2.32	2.77
31/03/2018	27 Mar 2018	1.75	1.71	1.87	1.92	1.96	1.75	1.90	2.34	2.81
31/03/2018	28 Mar 2018	1.75	1.61	1.88	1.92	1.95	1.75	1.86	2.30	2.75
31/03/2018	29 Mar 2018	1.75	1.50	1.88	1.92	1.96	1.75	1.87	2.29	2.74
30/04/2018	03 Apr 2018	1.75	1.78	1.88	1.92	1.97	1.75	1.86	2.29	2.70
30/04/2018	04 Apr 2018	1.75		1.88	1.92	1.96	1.75	1.89	2.31	2.74
30/04/2018	05 Apr 2018	1.75	1.74	1.87	1.92	1.96	1.75	1.92	2.36	2.78
30/04/2018	06 Apr 2018	1.75	1.63	1.87	1.92	1.97	1.75	1.91	2.35	2.79

30/04/2018	09 Apr 2018	1.75	1.79	1.86	1.92	1.97	1.75	1.88	2.33	2.77
30/04/2018	10 Apr 2018	1.75	1.79	1.87	1.93	1.99	1.75	1.90	2.34	2.78
30/04/2018	11 Apr 2018	1.75	1.74	1.88	1.94	2.00	1.75	1.93	2.37	2.81
30/04/2018	12 Apr 2018	1.75	1.75	1.88	1.95	2.03	1.76	1.91	2.34	2.78
30/04/2018	13 Apr 2018	1.75	1.78	1.88	1.95	2.03	1.77	1.93	2.37	2.82
30/04/2018	16 Apr 2018	1.75	1.67	1.87	1.95	2.03	1.79	1.95	2.39	2.84
30/04/2018	17 Apr 2018	1.75	1.55	1.87	1.95	2.03	1.79	1.95	2.39	2.84
30/04/2018	18 Apr 2018	1.75	1.71	1.87	1.96	2.05	1.79	1.93	2.37	2.82
30/04/2018	19 Apr 2018	1.75	1.66	1.87	1.97	2.06	1.81	1.95	2.40	2.85
30/04/2018	20 Apr 2018	1.75	1.66	1.87	1.97	2.06	1.81	1.96	2.41	2.86
30/04/2018	23 Apr 2018	1.75	1.59	1.87	1.96	2.05	1.81	1.96	2.43	2.90
30/04/2018	24 Apr 2018	1.75	1.79	1.87	1.96	2.04	1.81	1.95	2.45	2.93
30/04/2018	26 Apr 2018	1.75	1.79	1.87	1.95	2.03	1.81	1.94	2.45	2.93
30/04/2018	27 Apr 2018	1.75	1.69	1.87	1.95	2.02	1.81	1.89	2.40	2.88
30/04/2018	30 Apr 2018	1.75	1.73	1.88	1.95	2.02	1.81	1.89	2.38	2.86
31/05/2018	01 May 2018	1.75	1.68	1.87	1.95	2.02	1.81	1.86	2.34	2.81
31/05/2018	02 May 2018	1.75	1.67	1.87	1.95	2.03	1.81	1.91	2.37	2.81
31/05/2018	03 May 2018	1.75	1.74	1.86	1.95	2.03	1.81	1.91	2.37	2.82
31/05/2018	04 May 2018	1.75	1.75	1.84	1.94	2.03	1.81	1.88	2.34	2.79
31/05/2018	07 May 2018	1.75	1.75	1.85	1.95	2.04	1.81	1.89	2.35	2.79
31/05/2018	08 May 2018	1.75	1.75	1.86	1.96	2.05	1.81	1.88	2.32	2.76
31/05/2018	09 May 2018	1.75	1.77	1.86	1.96	2.05	1.81	1.90	2.34	2.78
31/05/2018	10 May 2018	1.75	1.85	1.86	1.96	2.06	1.81	1.86	2.32	2.77
31/05/2018	11 May 2018	1.75	1.77	1.87	1.96	2.05	1.80	1.84	2.28	2.72
31/05/2018	14 May 2018	1.75	1.77	1.88	1.95	2.03	1.79	1.85	2.28	2.72
31/05/2018	15 May 2018	1.75	1.64	1.88	1.94	2.01	1.79	1.85	2.30	2.74
31/05/2018	16 May 2018	1.75	1.77	1.88	1.94	2.01	1.79	1.87	2.33	2.79
31/05/2018	17 May 2018	1.75	1.76	1.87	1.94	2.00	1.79	1.88	2.36	2.83
31/05/2018	18 May 2018	1.75	1.78	1.87	1.94	2.00	1.79	1.86	2.37	2.86
31/05/2018	21 May 2018	1.75	1.71	1.87	1.93	1.98	1.79	1.85	2.35	2.84
31/05/2018	22 May 2018	1.75	1.67	1.86	1.93	1.98	1.79	1.84	2.33	2.82
31/05/2018	23 May 2018	1.75	1.75	1.86	1.93	2.00	1.78	1.83	2.32	2.82
31/05/2018	24 May 2018	1.75	1.65	1.87	1.93	1.98	1.78	1.84	2.31	2.79
31/05/2018	25 May 2018	1.75	1.64	1.88	1.93	1.99	1.78	1.85	2.30	2.77
31/05/2018	28 May 2018	1.75	1.74	1.89	1.95	2.00	1.78	1.86	2.29	2.73
31/05/2018	29 May 2018	1.75	1.69	1.89	1.94	2.01	1.78	1.85	2.27	2.71
31/05/2018	30 May 2018	1.75	1.75	1.89	1.94	2.01	1.78	1.82	2.24	2.67
31/05/2018	31 May 2018	1.75	1.75	1.89	1.95	2.02	1.78	1.86	2.28	2.75
30/06/2018	01 Jun 2018	1.75	1.66	1.89	1.95	2.01	1.78	1.86	2.28	2.75
30/06/2018	05 Jun 2018	1.75	1.67	1.89	1.95	2.00	1.78	1.90	2.34	2.82
30/06/2018	06 Jun 2018	1.75	1.73	1.89	1.95	2.00	1.78	1.86	2.30	2.78
30/06/2018	07 Jun 2018	1.75	1.70	1.89	1.95	2.00	1.78	1.91	2.38	2.87
30/06/2018	08 Jun 2018	1.75	1.67	1.90	1.95	2.00	1.78	1.89	2.35	3.02
30/06/2018	11 Jun 2018	1.75	1.73	1.90	1.95	2.00	1.78	1.86	2.33	2.99
30/06/2018	12 Jun 2018	1.75	1.65	1.90	1.95	2.00	1.78	1.89	2.33	2.98
30/06/2018	13 Jun 2018	1.75	1.67	1.90	1.95	2.00	1.78	1.90	2.33	2.99
30/06/2018	14 Jun 2018	1.75	1.67	1.90	1.94	1.99	1.78	1.90	2.34	3.00
30/06/2018	15 Jun 2018	1.75	1.76	1.89	1.94	2.00	1.78	1.87	2.30	2.92
30/06/2018	18 Jun 2018	1.75	1.74	1.89	1.94	2.02	1.78	1.87	2.29	2.91
30/06/2018	19 Jun 2018	1.75	1.65	1.89	1.94	2.02	1.78	1.87	2.28	2.89
30/06/2018	20 Jun 2018	1.75	1.75	1.89	1.95	2.01	1.78	1.88	2.27	2.87
30/06/2018	21 Jun 2018	1.75	1.59	1.89	1.95	2.02	1.78	1.90	2.29	2.91
30/06/2018	22 Jun 2018	1.75	1.70	1.89	1.96	2.03	1.78	1.87	2.26	2.92
30/06/2018	25 Jun 2018	1.75	1.67	1.90	1.97	2.03	1.78	1.90	2.27	2.94
30/06/2018	26 Jun 2018	1.75	1.70	1.90	1.97	2.03	1.78	1.89	2.25	2.91
30/06/2018	27 Jun 2018	1.75	1.65	1.90	1.96	2.02	1.78	1.88	2.24	2.89
30/06/2018	28 Jun 2018	1.75	1.65	1.90	1.95	2.00	1.78	1.83	2.18	2.85
30/06/2018	29 Jun 2018	1.75	1.78	1.89	1.95	2.00	1.78	1.82	2.17	2.85
31/07/2018	02 Jul 2018	1.75	1.74	1.88	1.93	1.99	1.78	1.80	2.15	2.85
31/07/2018	03 Jul 2018	1.75	1.76	1.88	1.93	1.98	1.78	1.80	2.13	2.81
31/07/2018	04 Jul 2018	1.75	1.71	1.87	1.93	1.98	1.78	1.78	2.10	2.76
31/07/2018	05 Jul 2018	1.75	1.58	1.86	1.93	1.97	1.78	1.79	2.12	2.78
31/07/2018	06 Jul 2018	1.75	1.70	1.86	1.93	1.98	1.78	1.80	2.13	2.79
31/07/2018	09 Jul 2018	1.75	1.65	1.86	1.93	1.97	1.78	1.80	2.12	2.81
31/07/2018	10 Jul 2018	1.75	1.70	1.86	1.91	1.96	1.78	1.83	2.15	2.85
31/07/2018	11 Jul 2018	1.75	1.72	1.86	1.91	1.95	1.78	1.83	2.16	2.84
31/07/2018	12 Jul 2018	1.75	1.60	1.85	1.90	1.95	1.78	1.84	2.18	2.86
31/07/2018	13 Jul 2018	1.75	1.59	1.85	1.90	1.94	1.78	1.83	2.17	2.85
31/07/2018	16 Jul 2018	1.75	1.57	1.85	1.89	1.93	1.78	1.82	2.15	2.83
31/07/2018	17 Jul 2018	1.75	1.64	1.84	1.88	1.93	1.78	1.81	2.15	2.83
31/07/2018	18 Jul 2018	1.75	1.62	1.83	1.88	1.93	1.78	1.83	2.16	2.86
31/07/2018	19 Jul 2018	1.75	1.65	1.82	1.87	1.92	1.78	1.83	2.16	2.86
31/07/2018	20 Jul 2018	1.75	1.70	1.81	1.87	1.92	1.78	1.82	2.13	2.80
31/07/2018	23 Jul 2018	1.75	1.67	1.81	1.86	1.92	1.78	1.86	2.17	2.83
31/07/2018	24 Jul 2018	1.75	1.67	1.81	1.86	1.92	1.78	1.85	2.17	2.84
31/07/2018	25 Jul 2018	1.75	1.72	1.81	1.86	1.91	1.78	1.83	2.16	2.82

31/07/2018	26 Jul 2018	1.75	1.75	1.80	1.86	1.91	1.76	1.84	2.16	2.81
31/07/2018	27 Jul 2018	1.75	1.69	1.80	1.86	1.91	1.76	1.81	2.13	2.77
31/07/2018	30 Jul 2018	1.75	1.57	1.80	1.85	1.91	1.76	1.80	2.11	2.72
31/07/2018	31 Jul 2018	1.75	1.77	1.80	1.86	1.91	1.76	1.83	2.14	2.75
31/08/2018	01 Aug 2018	1.75	1.75	1.80	1.85	1.91	1.76	1.82	2.14	2.76
31/08/2018	02 Aug 2018	1.75	1.72	1.80	1.85	1.91	1.76	1.84	2.17	2.82
31/08/2018	03 Aug 2018	1.75	1.75	1.80	1.85	1.90	1.76	1.83	2.17	2.80
31/08/2018	06 Aug 2018	1.75	1.72	1.80	1.85	1.90	1.76	1.80	2.14	2.77
31/08/2018	07 Aug 2018	1.75	1.68	1.79	1.84	1.89	1.76	1.78	2.12	2.75
31/08/2018	08 Aug 2018	1.75	1.68	1.79	1.85	1.90	1.76	1.79	2.12	2.75
31/08/2018	09 Aug 2018	1.75	1.59	1.79	1.85	1.91	1.75	1.74	2.04	2.68
31/08/2018	10 Aug 2018	1.75	1.66	1.79	1.85	1.91	1.75	1.72	1.99	2.64
31/08/2018	13 Aug 2018	1.75	1.68	1.79	1.85	1.91	1.75	1.68	1.92	2.55
31/08/2018	14 Aug 2018	1.75	1.72	1.79	1.85	1.90	1.74	1.70	1.94	2.58
31/08/2018	15 Aug 2018	1.75	1.72	1.79	1.85	1.91	1.74	1.72	1.96	2.59
31/08/2018	16 Aug 2018	1.75	1.71	1.79	1.85	1.90	1.74	1.71	1.95	2.57
31/08/2018	17 Aug 2018	1.75	1.69	1.78	1.84	1.90	1.74	1.70	1.96	2.58
31/08/2018	20 Aug 2018	1.75	1.76	1.78	1.84	1.90	1.74	1.69	1.95	2.57
31/08/2018	21 Aug 2018	1.75	1.72	1.78	1.84	1.90	1.74	1.68	1.95	2.56
31/08/2018	22 Aug 2018	1.75	1.66	1.78	1.85	1.91	1.74	1.70	1.96	2.58
31/08/2018	23 Aug 2018	1.75	1.74	1.79	1.85	1.91	1.74	1.70	1.97	2.59
31/08/2018	24 Aug 2018	1.75	1.74	1.80	1.86	1.91	1.73	1.68	1.95	2.57
31/08/2018	27 Aug 2018	1.75	1.75	1.80	1.86	1.92	1.72	1.68	1.96	2.57
31/08/2018	28 Aug 2018	1.75	1.62	1.80	1.86	1.91	1.72	1.69	1.97	2.59
31/08/2018	29 Aug 2018	1.75	1.75	1.81	1.86	1.91	1.72	1.70	1.98	2.61
31/08/2018	30 Aug 2018	1.75	1.65	1.81	1.86	1.91	1.72	1.69	1.97	2.61
31/08/2018	31 Aug 2018	1.75	1.82	1.82	1.87	1.91	1.72	1.64	1.92	2.54
30/09/2018	03 Sept 2018	1.75	1.74	1.82	1.87	1.92	1.71	1.63	1.90	2.52
30/09/2018	04 Sept 2018	1.75	1.57	1.82	1.86	1.90	1.71	1.63	1.89	2.52
30/09/2018	05 Sept 2018	1.75	1.71	1.82	1.86	1.90	1.71	1.62	1.88	2.54
30/09/2018	06 Sept 2018	1.75	1.75	1.82	1.86	1.90	1.71	1.63	1.89	2.55
30/09/2018	07 Sept 2018	1.75	1.73	1.82	1.86	1.90	1.71	1.61	1.87	2.53
30/09/2018	10 Sept 2018	1.75	1.71	1.82	1.86	1.89	1.71	1.63	1.89	2.55
30/09/2018	11 Sept 2018	1.75	1.72	1.82	1.85	1.89	1.71	1.62	1.88	2.57
30/09/2018	12 Sept 2018	1.75	1.74	1.82	1.85	1.89	1.71	1.62	1.89	2.59
30/09/2018	13 Sept 2018	1.75	1.72	1.82	1.85	1.89	1.71	1.62	1.88	2.58
30/09/2018	14 Sept 2018	1.75	1.74	1.81	1.85	1.88	1.71	1.63	1.89	2.55
30/09/2018	17 Sept 2018	1.75	1.62	1.81	1.85	1.88	1.71	1.64	1.90	2.56
30/09/2018	18 Sept 2018	1.75	1.76	1.81	1.85	1.89	1.71	1.66	1.92	2.59
30/09/2018	19 Sept 2018	1.75	1.61	1.82	1.85	1.89	1.71	1.71	1.98	2.66
30/09/2018	20 Sept 2018	1.75	1.67	1.82	1.86	1.89	1.71	1.74	2.01	2.68
30/09/2018	21 Sept 2018	1.75	1.68	1.82	1.86	1.91	1.73	1.72	1.99	2.66
30/09/2018	24 Sept 2018	1.75	1.59	1.82	1.87	1.92	1.73	1.72	1.99	2.66
30/09/2018	25 Sept 2018	1.75	1.63	1.82	1.87	1.92	1.73	1.74	2.02	2.67
30/09/2018	26 Sept 2018	1.75	1.63	1.82	1.87	1.91	1.73	1.75	2.03	2.69
30/09/2018	27 Sept 2018	1.75	1.72	1.82	1.86	1.90	1.73	1.71	1.99	2.64
30/09/2018	28 Sept 2018	1.75	1.50	1.82	1.87	1.91	1.73	1.75	2.01	2.65
31/10/2018	01 Oct 2018	1.75	1.54	1.82	1.87	1.91	1.72		1.98	2.61
31/10/2018	02 Oct 2018	1.75	1.62	1.82	1.86	1.90	1.73		1.98	2.61
31/10/2018	03 Oct 2018	1.75	1.60	1.82	1.86	1.90	1.72		1.97	2.60
31/10/2018	04 Oct 2018	1.75	1.68	1.82	1.86	1.90	1.74		1.99	2.63
31/10/2018	05 Oct 2018	1.75	1.72	1.83	1.86	1.89	1.73		1.98	2.62
31/10/2018	08 Oct 2018	1.75	1.66	1.82	1.85	1.88	1.74		1.99	2.63
31/10/2018	09 Oct 2018	1.75	1.72	1.82	1.85	1.88	1.73		1.99	2.64
31/10/2018	10 Oct 2018	1.75	1.61	1.82	1.86	1.89	1.73		2.00	2.66
31/10/2018	11 Oct 2018	1.75	1.77	1.82	1.86	1.90	1.73		1.99	2.65
31/10/2018	12 Oct 2018	1.75	1.50	1.82	1.86	1.89	1.73		1.98	2.62
31/10/2018	15 Oct 2018	1.75	1.70	1.82	1.86	1.89	1.73		2.00	2.64
31/10/2018	16 Oct 2018	1.75	1.72	1.82	1.86	1.90	1.77		2.04	2.68
31/10/2018	17 Oct 2018	1.75	1.69	1.82	1.86	1.90	1.76		2.04	2.69
31/10/2018	18 Oct 2018	1.75		1.82	1.86	1.90	1.75		2.04	2.70
31/10/2018	19 Oct 2018	1.75	1.72	1.82	1.86	1.90	1.75		2.01	2.66
31/10/2018	23 Oct 2018	1.75	1.54	1.83	1.86	1.89	1.76		2.02	2.66
31/10/2018	24 Oct 2018	1.75	1.71	1.83	1.86	1.90	1.75		2.00	2.64
31/10/2018	25 Oct 2018	1.75	1.74	1.83	1.86	1.90	1.72		1.96	2.58
31/10/2018	26 Oct 2018	1.75	1.81	1.83	1.86	1.89	1.73		1.95	2.57
31/10/2018	29 Oct 2018	1.75	1.82	1.83	1.87	1.89	1.70		1.92	2.52
31/10/2018	30 Oct 2018	1.75	1.69	1.84	1.87	1.90	1.70		1.91	2.51
31/10/2018	31 Oct 2018	1.75	1.72	1.84	1.87	1.91	1.74	1.78	1.94	2.54
30/11/2018	01 Nov 2018	1.75	1.68	1.85	1.89	1.92	1.74	1.78	1.95	2.54
30/11/2018	02 Nov 2018	1.75	1.77	1.85	1.90	1.94	1.76	1.80	1.98	2.56
30/11/2018	05 Nov 2018	1.75	1.78	1.86	1.90	1.94	1.80	1.85	2.03	2.64
30/11/2018	06 Nov 2018	1.75	1.65	1.87	1.92	1.96	1.80	1.85	2.04	2.64
30/11/2018	07 Nov 2018	1.75	1.79	1.88	1.93	1.97	1.82	1.87	2.07	2.68
30/11/2018	08 Nov 2018	1.75	1.70	1.89	1.93	1.98	1.86	1.94	2.15	2.76
30/11/2018	09 Nov 2018	1.75	1.72	1.90	1.95	1.99	1.90	1.99	2.23	2.84

30/11/2018	12 Nov 2018	1.75	1.74	1.90	1.95	1.99	1.87	1.96	2.20	2.81
30/11/2018	13 Nov 2018	1.75	1.76	1.90	1.95	2.00	1.85	1.94	2.18	2.78
30/11/2018	14 Nov 2018	1.75	1.75	1.90	1.96	2.01	1.84	1.94	2.18	2.78
30/11/2018	15 Nov 2018	1.75	1.73	1.90	1.95	2.00	1.85	1.94	2.18	2.77
30/11/2018	16 Nov 2018	1.75	1.68	1.90	1.95	2.00	1.83	1.92	2.16	2.73
30/11/2018	19 Nov 2018	1.75	1.71	1.90	1.95	2.00	1.82	1.90	2.14	2.69
30/11/2018	20 Nov 2018	1.75	1.69	1.92	1.96	2.00	1.82	1.90	2.14	2.69
30/11/2018	21 Nov 2018	1.75	1.75	1.92	1.96	1.99	1.83	1.92	2.16	2.71
30/11/2018	22 Nov 2018	1.75	1.72	1.93	1.97	2.00	1.82	1.91	2.16	2.71
30/11/2018	23 Nov 2018	1.75	1.67	1.93	1.97	2.00	1.79	1.88	2.13	2.68
30/11/2018	26 Nov 2018	1.75	1.61	1.92	1.96	1.99	1.77	1.86	2.10	2.65
30/11/2018	27 Nov 2018	1.75	1.64	1.92	1.96	1.99	1.77	1.86	2.10	2.65
30/11/2018	28 Nov 2018	1.75	1.77	1.92	1.96	1.99	1.76	1.84	2.07	2.63
30/11/2018	29 Nov 2018	1.75	1.77	1.91	1.96	1.98	1.77	1.84	2.06	2.62
30/11/2018	30 Nov 2018	1.75	1.75	1.91	1.95	1.98	1.75	1.81	2.04	2.59
31/12/2018	03 Dec 2018	1.75	1.75	1.90	1.94	1.97	1.77	1.82	2.03	2.58
31/12/2018	04 Dec 2018	1.75	1.74	1.90	1.94	1.97	1.74	1.79	2.00	2.53
31/12/2018	05 Dec 2018	1.75	1.65	1.90	1.94	1.97	1.74	1.78	1.97	2.50
31/12/2018	06 Dec 2018	1.75	1.74	1.90	1.94	1.98	1.76	1.77	1.95	2.49
31/12/2018	07 Dec 2018	1.75	1.75	1.90	1.94	1.99	1.74	1.75	1.92	2.44
31/12/2018	10 Dec 2018	1.75	1.73	1.90	1.94	1.98	1.74	1.75	1.91	2.44
31/12/2018	11 Dec 2018	1.75	1.76	1.90	1.94	1.98	1.75	1.76	1.92	2.44
31/12/2018	12 Dec 2018	1.75	1.68	1.90	1.94	1.98	1.76	1.77	1.94	2.48
31/12/2018	13 Dec 2018	1.75	1.69	1.90	1.94	1.98	1.77	1.78	1.95	2.48
31/12/2018	14 Dec 2018	1.75	1.72	1.89	1.93	1.97	1.78	1.80	1.97	2.50
31/12/2018	17 Dec 2018	1.75	1.76	1.88	1.93	1.97	1.76	1.77	1.94	2.48
31/12/2018	18 Dec 2018	1.75	1.75	1.87	1.93	1.97	1.74	1.75	1.91	2.44
31/12/2018	19 Dec 2018	1.75	1.71	1.87	1.92	1.97	1.74	1.75	1.91	2.43
31/12/2018	20 Dec 2018	1.75	1.71	1.87	1.92	1.97	1.71	1.71	1.87	2.39
31/12/2018	21 Dec 2018	1.75	1.72	1.86	1.92	1.98	1.68	1.67	1.82	2.32
31/12/2018	24 Dec 2018	1.75	1.74	1.86	1.93	1.99	1.73	1.72	1.86	2.39
31/12/2018	27 Dec 2018	1.75	1.73	1.86	1.93	1.99	1.72	1.71	1.86	2.39
31/12/2018	28 Dec 2018	1.75	1.64	1.86	1.92	1.98	1.71	1.69	1.84	2.38
31/12/2018	31 Dec 2018	1.75	1.65	1.86	1.92	1.97	1.72	1.70	1.85	2.38
31/01/2019	03 Jan 2019	1.75	1.69	1.86	1.91	1.96	1.67	1.65	1.79	2.28
31/01/2019	04 Jan 2019	1.75	1.66	1.85	1.91	1.96	1.68	1.66	1.79	2.29
31/01/2019	07 Jan 2019	1.75	1.50	1.85	1.89	1.93	1.71	1.70	1.84	2.40
31/01/2019	08 Jan 2019	1.75	1.50	1.85	1.88	1.91	1.71	1.70	1.85	2.41
31/01/2019	09 Jan 2019	1.75	1.50	1.84	1.88	1.91	1.71	1.72	1.85	2.41
31/01/2019	10 Jan 2019	1.75	1.71	1.83	1.88	1.93	1.71	1.70	1.83	2.36
31/01/2019	11 Jan 2019	1.75	1.61	1.83	1.88	1.93	1.70	1.69	1.81	2.34
31/01/2019	14 Jan 2019	1.75	1.70	1.83	1.88	1.93	1.70	1.67	1.79	2.32
31/01/2019	15 Jan 2019	1.75	1.78	1.84	1.88	1.91	1.68	1.65	1.76	2.28
31/01/2019	16 Jan 2019	1.75	1.73	1.84	1.87	1.90	1.68	1.67	1.77	2.29
31/01/2019	17 Jan 2019	1.75	1.65	1.84	1.87	1.90	1.69	1.67	1.77	2.28
31/01/2019	18 Jan 2019	1.75	1.59	1.83	1.87	1.90	1.69	1.69	1.79	2.32
31/01/2019	21 Jan 2019	1.75	1.71	1.82	1.86	1.90	1.69	1.69	1.80	2.32
31/01/2019	22 Jan 2019	1.75	1.69	1.82	1.85	1.89	1.70	1.69	1.80	2.32
31/01/2019	23 Jan 2019	1.75	1.72	1.82	1.85	1.88	1.71	1.71	1.81	2.34
31/01/2019	24 Jan 2019	1.75	1.77	1.82	1.85	1.88	1.71	1.71	1.81	2.34
31/01/2019	25 Jan 2019	1.75	1.70	1.83	1.87	1.89	1.71	1.70	1.78	2.32
31/01/2019	28 Jan 2019	1.75	1.74	1.83	1.87	1.91	1.71	1.70	1.77	2.31
31/01/2019	29 Jan 2019	1.75	1.75	1.83	1.87	1.91	1.71	1.71	1.79	2.32
31/01/2019	30 Jan 2019	1.75	1.72	1.85	1.89	1.92	1.71	1.71	1.78	2.31
31/01/2019	31 Jan 2019	1.75	1.65	1.85	1.89	1.93	1.71	1.71	1.77	2.28
28/02/2019	01 Feb 2019	1.75	1.73	1.85	1.89	1.93	1.71	1.69	1.73	2.21
28/02/2019	04 Feb 2019	1.75	1.75	1.85	1.89	1.92	1.71	1.71	1.74	2.21
28/02/2019	05 Feb 2019	1.75	1.70	1.85	1.89	1.92	1.71	1.71	1.74	2.21
28/02/2019	07 Feb 2019	1.75	1.71	1.85	1.89	1.92	1.70	1.67	1.69	2.15
28/02/2019	08 Feb 2019	1.75	1.72	1.85	1.88	1.91	1.67	1.61	1.63	2.11
28/02/2019	11 Feb 2019	1.75	1.72	1.85	1.88	1.91	1.64	1.60	1.62	2.11
28/02/2019	12 Feb 2019	1.75	1.63	1.85	1.87	1.90	1.64	1.61	1.62	2.11
28/02/2019	13 Feb 2019	1.75	1.80	1.85	1.87	1.89	1.64	1.61	1.63	2.12
28/02/2019	14 Feb 2019	1.75	1.61	1.84	1.88	1.91	1.69	1.69	1.72	2.21
28/02/2019	15 Feb 2019	1.75	1.77	1.85	1.88	1.90	1.71	1.69	1.72	2.19
28/02/2019	18 Feb 2019	1.75	1.77	1.85	1.88	1.90	1.71	1.71	1.74	2.21
28/02/2019	19 Feb 2019	1.75	1.68	1.85	1.88	1.90	1.71	1.73	1.76	2.23
28/02/2019	20 Feb 2019	1.75	1.70	1.85	1.88	1.90	1.71	1.73	1.76	2.23
28/02/2019	21 Feb 2019	1.75	1.75	1.85	1.88	1.89	1.71	1.72	1.75	2.23
28/02/2019	22 Feb 2019	1.75	1.75	1.85	1.87	1.89	1.71	1.72	1.73	2.20
28/02/2019	25 Feb 2019	1.75	1.78	1.85	1.87	1.89	1.71	1.68	1.69	2.17
28/02/2019	26 Feb 2019	1.75	1.76	1.85	1.87	1.89	1.71	1.68	1.69	2.16
28/02/2019	27 Feb 2019	1.75	1.74	1.85	1.87	1.89	1.70	1.68	1.69	2.16
28/02/2019	28 Feb 2019	1.75	1.75	1.85	1.87	1.89	1.70	1.68	1.68	2.17
31/03/2019	01 Mar 2019	1.75	1.75	1.85	1.87	1.89	1.70	1.67	1.67	2.17
31/03/2019	04 Mar 2019	1.75	1.70	1.86	1.88	1.90	1.70	1.68	1.69	2.20

31/03/2019 05 Mar 2019	1.75	1.68	1.86	1.89	1.91	1.70	1.67	1.67	2.17
31/03/2019 06 Mar 2019	1.75		1.86	1.89	1.91	1.69	1.66	1.67	2.17
31/03/2019 07 Mar 2019	1.75	1.79	1.86	1.88	1.90	1.68	1.63	1.64	2.12
31/03/2019 08 Mar 2019	1.75	1.75	1.87	1.87	1.88	1.68	1.62	1.62	2.08
31/03/2019 11 Mar 2019	1.75	1.75	1.86	1.87	1.88	1.69	1.62	1.63	2.08
31/03/2019 12 Mar 2019	1.75	1.75	1.86	1.87	1.87	1.69	1.63	1.64	2.08
31/03/2019 13 Mar 2019	1.75	1.76	1.86	1.87	1.87	1.68	1.61	1.62	2.05
31/03/2019 14 Mar 2019	1.75	1.74	1.86	1.87	1.87	1.68	1.63	1.64	2.06
31/03/2019 15 Mar 2019	1.75	1.75	1.86	1.87	1.88	1.67	1.64	1.65	2.07
31/03/2019 18 Mar 2019	1.75	1.74	1.86	1.87	1.88	1.68	1.62	1.63	2.06
31/03/2019 19 Mar 2019	1.75	1.77	1.86	1.87	1.88	1.68	1.61	1.63	2.06
31/03/2019 20 Mar 2019	1.75	1.75	1.86	1.87	1.87	1.68	1.59	1.60	2.03
31/03/2019 21 Mar 2019	1.75	1.71	1.86	1.87	1.88	1.67	1.56	1.58	2.00
31/03/2019 22 Mar 2019	1.75	1.77	1.86	1.88	1.90	1.67	1.56	1.58	2.01
31/03/2019 25 Mar 2019	1.75	1.59	1.86	1.88	1.89	1.65	1.51	1.52	1.91
31/03/2019 26 Mar 2019	1.75	1.76	1.86	1.88	1.88	1.65	1.50	1.50	1.86
31/03/2019 27 Mar 2019	1.75	1.67	1.86	1.88	1.89	1.65	1.54	1.54	1.86
31/03/2019 28 Mar 2019	1.75	1.74	1.86	1.85	1.83	1.51	1.37	1.37	1.72
31/03/2019 29 Mar 2019	1.75	1.74	1.86	1.86	1.85	1.51	1.41	1.40	1.76
30/04/2019 01 Apr 2019	1.75	1.79	1.86	1.85	1.84	1.52	1.43	1.46	1.82
30/04/2019 02 Apr 2019	1.75	1.75	1.86	1.85	1.85	1.51	1.44	1.48	1.84
30/04/2019 03 Apr 2019	1.75	1.63	1.87	1.84	1.81	1.50	1.43	1.47	1.86
30/04/2019 04 Apr 2019	1.75	1.65	1.85	1.83	1.82	1.50	1.49	1.54	1.96
30/04/2019 05 Apr 2019	1.75	1.74	1.85	1.83	1.82	1.50	1.49	1.55	1.98
30/04/2019 08 Apr 2019	1.75	1.64	1.85	1.83	1.81	1.50	1.48	1.55	2.00
30/04/2019 09 Apr 2019	1.75	1.73	1.85	1.83	1.81	1.50	1.47	1.54	2.00
30/04/2019 10 Apr 2019	1.75	1.74	1.85	1.83	1.82	1.50	1.48	1.55	2.01
30/04/2019 11 Apr 2019	1.75	1.78	1.86	1.84	1.83	1.50	1.50	1.57	2.04
30/04/2019 12 Apr 2019	1.75	1.75	1.86	1.84	1.82	1.50	1.52	1.60	2.02
30/04/2019 15 Apr 2019	1.75	1.74	1.87	1.85	1.84	1.54	1.55	1.63	2.06
30/04/2019 16 Apr 2019	1.75	1.76	1.87	1.85	1.83	1.54	1.54	1.73	2.05
30/04/2019 17 Apr 2019	1.75	1.75	1.83	1.81	1.79	1.50	1.45	1.63	1.94
30/04/2019 18 Apr 2019	1.75	1.73	1.84	1.81	1.78	1.47	1.48	1.67	1.99
30/04/2019 23 Apr 2019	1.75	1.67	1.85	1.81	1.77	1.47	1.47	1.65	1.97
30/04/2019 24 Apr 2019	1.75	1.61	1.85	1.81	1.77	1.47	1.46	1.63	1.95
30/04/2019 26 Apr 2019	1.75	1.63	1.85	1.82	1.78	1.44	1.40	1.57	1.89
30/04/2019 29 Apr 2019	1.75	1.55	1.86	1.82	1.79	1.44	1.42	1.58	1.90
30/04/2019 30 Apr 2019	1.75	1.60	1.86	1.84	1.81	1.44	1.44	1.60	1.91
31/05/2019 01 May 2019	1.75	1.75	1.81	1.81	1.80	1.44	1.42	1.56	1.87
31/05/2019 02 May 2019	1.75	1.61	1.80	1.79	1.79	1.45	1.40	1.55	1.85
31/05/2019 03 May 2019	1.75	1.72	1.80	1.79	1.79	1.45	1.42	1.58	1.88
31/05/2019 06 May 2019	1.75	1.50	1.79	1.79	1.79	1.45	1.40	1.56	1.86
31/05/2019 07 May 2019	1.75	1.71	1.79	1.79	1.79	1.45	1.41	1.56	1.86
31/05/2019 08 May 2019	1.75	1.73	1.82	1.83	1.83	1.45	1.43	1.58	1.86
31/05/2019 09 May 2019	1.50	1.46	1.66	1.68	1.70	1.40	1.39	1.56	1.85
31/05/2019 10 May 2019	1.50	1.40	1.66	1.68	1.70	1.44	1.41	1.54	1.81
31/05/2019 13 May 2019	1.50	1.52	1.67	1.69	1.70	1.44	1.41	1.54	1.80
31/05/2019 14 May 2019	1.50	1.50	1.68	1.69	1.70	1.44	1.39	1.52	1.77
31/05/2019 15 May 2019	1.50	1.50	1.68	1.69	1.70	1.44	1.39	1.52	1.77
31/05/2019 16 May 2019	1.50	1.50	1.69	1.70	1.70	1.42	1.38	1.52	1.78
31/05/2019 17 May 2019	1.50	1.42	1.68	1.70	1.71	1.42	1.37	1.50	1.78
31/05/2019 20 May 2019	1.50	1.48	1.70	1.70	1.70	1.42	1.38	1.51	1.80
31/05/2019 21 May 2019	1.50	1.44	1.69	1.70	1.71	1.42	1.38	1.52	1.81
31/05/2019 22 May 2019	1.50	1.33	1.69	1.70	1.71	1.40	1.37	1.50	1.79
31/05/2019 23 May 2019	1.50	1.47	1.69	1.70	1.71	1.40	1.33	1.46	1.76
31/05/2019 24 May 2019	1.50	1.45	1.69	1.70	1.70	1.38	1.31	1.42	1.73
31/05/2019 27 May 2019	1.50	1.46	1.69	1.69	1.69	1.36	1.30	1.42	1.73
31/05/2019 28 May 2019	1.50	1.42	1.68	1.67	1.67	1.36	1.30	1.43	1.74
31/05/2019 29 May 2019	1.50	1.51	1.67	1.67	1.67	1.35	1.28	1.41	1.73
31/05/2019 30 May 2019	1.50	1.43	1.67	1.66	1.66	1.29	1.28	1.41	1.72
31/05/2019 31 May 2019	1.50	1.50	1.66	1.66	1.67	1.31	1.25	1.40	1.74
30/06/2019 04 Jun 2019	1.50	1.43	1.66	1.65	1.64	1.31	1.22	1.35	1.68
30/06/2019 05 Jun 2019	1.50	1.41	1.65	1.64	1.64	1.28	1.24	1.37	1.70
30/06/2019 06 Jun 2019	1.50	1.46	1.65	1.64	1.63	1.26	1.21	1.35	1.68
30/06/2019 07 Jun 2019	1.50	1.50	1.65	1.64	1.62	1.26	1.22	1.34	1.68
30/06/2019 10 Jun 2019	1.50	1.52	1.65	1.63	1.61	1.26	1.24	1.36	1.71
30/06/2019 11 Jun 2019	1.50	1.39	1.65	1.63	1.61	1.26	1.26	1.39	1.74
30/06/2019 12 Jun 2019	1.50	1.46	1.65	1.63	1.61	1.26	1.25	1.37	1.73
30/06/2019 13 Jun 2019	1.50	1.48	1.64	1.62	1.60	1.25	1.23	1.36	1.70
30/06/2019 14 Jun 2019	1.50	1.49	1.63	1.60	1.57	1.23	1.20	1.33	1.67
30/06/2019 17 Jun 2019	1.50	1.50	1.63	1.60	1.58	1.22	1.16	1.30	1.63
30/06/2019 18 Jun 2019	1.50	1.39	1.63	1.61	1.59	1.22	1.18	1.29	1.63
30/06/2019 19 Jun 2019	1.50	1.47	1.63	1.61	1.59	1.22	1.17	1.27	1.59
30/06/2019 20 Jun 2019	1.50	1.40	1.61	1.60	1.57	1.20	1.13	1.23	1.55
30/06/2019 21 Jun 2019	1.50	1.39	1.61	1.60	1.58	1.18	1.11	1.20	1.52
30/06/2019 24 Jun 2019	1.50	1.34	1.61	1.60	1.58	1.18	1.11	1.20	1.51

30/06/2019	25 Jun 2019	1.50	1.52	1.61	1.60	1.59	1.18	1.11	1.20	1.52
30/06/2019	26 Jun 2019	1.50	1.40	1.61	1.61	1.60	1.18	1.12	1.21	1.52
30/06/2019	27 Jun 2019	1.50	1.39	1.65	1.64	1.63	1.18	1.16	1.26	1.57
30/06/2019	28 Jun 2019	1.50	1.53	1.66	1.65	1.64	1.20	1.17	1.27	1.57
31/07/2019	01 Jul 2019	1.50	1.36	1.65	1.64	1.62	1.22	1.17	1.27	1.60
31/07/2019	02 Jul 2019	1.50	1.41	1.64	1.63	1.62	1.21	1.16	1.25	1.57
31/07/2019	03 Jul 2019	1.50	1.50	1.63	1.63	1.62	1.21	1.13	1.22	1.54
31/07/2019	04 Jul 2019	1.50	1.50	1.62	1.62	1.63	1.20	1.12	1.22	1.53
31/07/2019	05 Jul 2019	1.50	1.35	1.63	1.63	1.62	1.20	1.12	1.21	1.52
31/07/2019	08 Jul 2019	1.50	1.59	1.63	1.63	1.62	1.20	1.15	1.24	1.56
31/07/2019	09 Jul 2019	1.50	1.50	1.63	1.62	1.61	1.20	1.14	1.23	1.54
31/07/2019	10 Jul 2019	1.50	1.50	1.63	1.62	1.60	1.20	1.13	1.23	1.53
31/07/2019	11 Jul 2019	1.50		1.62	1.61	1.60	1.20	1.14	1.25	1.57
31/07/2019	12 Jul 2019	1.50	1.48	1.61	1.60	1.59	1.20	1.17	1.28	1.61
31/07/2019	15 Jul 2019	1.50	1.50	1.60	1.59	1.58	1.20	1.17	1.29	1.62
31/07/2019	16 Jul 2019	1.50	1.47	1.56	1.56	1.55	1.20	1.16	1.28	1.61
31/07/2019	17 Jul 2019	1.50	1.50	1.55	1.55	1.54	1.20	1.16	1.27	1.60
31/07/2019	18 Jul 2019	1.50	1.43	1.54	1.54	1.53	1.20	1.13	1.24	1.57
31/07/2019	19 Jul 2019	1.50	1.35	1.53	1.53	1.52	1.20	1.12	1.24	1.56
31/07/2019	22 Jul 2019	1.50	1.45	1.52	1.50	1.48	1.20	1.13	1.24	1.57
31/07/2019	23 Jul 2019	1.50		1.51	1.50	1.48	1.20	1.11	1.23	1.55
31/07/2019	24 Jul 2019	1.50		1.52	1.50	1.49	1.20	1.11	1.23	1.56
31/07/2019	25 Jul 2019	1.50	1.28	1.51	1.50	1.49	1.19	1.09	1.21	1.53
31/07/2019	26 Jul 2019	1.50	1.25	1.50	1.50	1.49	1.16	1.09	1.22	1.54
31/07/2019	29 Jul 2019	1.50	1.38	1.50	1.50	1.50	1.16	1.05	1.18	1.50
31/07/2019	30 Jul 2019	1.50	1.48	1.50	1.50	1.49	1.16	1.04	1.17	1.48
31/07/2019	31 Jul 2019	1.50	1.27	1.51	1.51	1.50	1.16	1.03	1.17	1.47
31/08/2019	01 Aug 2019	1.50	1.49	1.45	1.47	1.48	1.16	1.01	1.13	1.43
31/08/2019	02 Aug 2019	1.50	1.46	1.44	1.45	1.46	1.13	0.97	1.07	1.36
31/08/2019	05 Aug 2019	1.50	1.53	1.42	1.43	1.43	1.12	0.97	1.06	1.34
31/08/2019	06 Aug 2019	1.50	1.50	1.40	1.41	1.42	1.09	0.92	0.99	1.26
31/08/2019	07 Aug 2019	1.50	1.50	1.39	1.42	1.44	1.10	0.95	1.01	1.26
31/08/2019	08 Aug 2019	1.00	1.01	1.12	1.16	1.21	0.90	0.77	0.87	1.14
31/08/2019	09 Aug 2019	1.00	1.03	1.12	1.17	1.21	0.90	0.75	0.83	1.08
31/08/2019	12 Aug 2019	1.00	0.99	1.12	1.17	1.22	0.91	0.79	0.85	1.10
31/08/2019	13 Aug 2019	1.00		1.12	1.17	1.21	0.91	0.77	0.82	1.05
31/08/2019	14 Aug 2019	1.00	0.90	1.12	1.16	1.20	0.91	0.80	0.87	1.11
31/08/2019	15 Aug 2019	1.00	1.05	1.12	1.16	1.21	0.91	0.75	0.81	1.04
31/08/2019	16 Aug 2019	1.00	0.97	1.14	1.17	1.21	0.89	0.74	0.76	0.98
31/08/2019	19 Aug 2019	1.00	0.95	1.14	1.17	1.20	0.89	0.78	0.80	1.03
31/08/2019	20 Aug 2019	1.00	0.99	1.14	1.16	1.18	0.89	0.79	0.82	1.05
31/08/2019	21 Aug 2019	1.00	1.02	1.14	1.16	1.17	0.87	0.77	0.80	1.04
31/08/2019	22 Aug 2019	1.00	0.94	1.15	1.16	1.18	0.87	0.79	0.85	1.10
31/08/2019	23 Aug 2019	1.00	0.98	1.16	1.17	1.19	0.87	0.79	0.85	1.10
31/08/2019	26 Aug 2019	1.00	0.88	1.16	1.18	1.20	0.87	0.73	0.79	1.03
31/08/2019	27 Aug 2019	1.00	0.95	1.16	1.17	1.19	0.87	0.81	0.85	1.08
31/08/2019	28 Aug 2019	1.00	1.05	1.17	1.18	1.19	0.85	0.79	0.83	1.05
31/08/2019	29 Aug 2019	1.00	0.98	1.17	1.18	1.19	0.84	0.80	0.84	1.07
31/08/2019	30 Aug 2019	1.00	0.92	1.17	1.18	1.19	0.83	0.80	0.85	1.07
30/09/2019	02 Sept 2019	1.00	1.08	1.18	1.19	1.19	0.82	0.78	0.83	1.05
30/09/2019	03 Sept 2019	1.00	0.97	1.18	1.18	1.18	0.82	0.78	0.82	1.03
30/09/2019	04 Sept 2019	1.00	0.94	1.18	1.18	1.17	0.82	0.76	0.81	1.02
30/09/2019	05 Sept 2019	1.00	0.95	1.18	1.18	1.17	0.82	0.77	0.82	1.03
30/09/2019	06 Sept 2019	1.00	0.92	1.18	1.17	1.17	0.82	0.81	0.88	1.12
30/09/2019	09 Sept 2019	1.00	1.01	1.18	1.17	1.16	0.82	0.81	0.88	1.13
30/09/2019	10 Sept 2019	1.00	1.00	1.19	1.17	1.15	0.82	0.85	0.92	1.17
30/09/2019	11 Sept 2019	1.00	0.98	1.19	1.17	1.15	0.82	0.87	0.98	1.24
30/09/2019	12 Sept 2019	1.00	0.89	1.19	1.16	1.14	0.83	0.89	1.00	1.26
30/09/2019	13 Sept 2019	1.00	1.00	1.19	1.16	1.14	0.83	0.91	1.03	1.33
30/09/2019	16 Sept 2019	1.00	0.95	1.19	1.16	1.14	0.83	0.91	1.04	1.34
30/09/2019	17 Sept 2019	1.00	0.97	1.19	1.16	1.14	0.83	0.90	1.03	1.33
30/09/2019	18 Sept 2019	1.00	0.92	1.19	1.17	1.14	0.83	0.84	0.96	1.25
30/09/2019	19 Sept 2019	1.00	0.96	1.19	1.17	1.14	0.83	0.83	0.94	1.21
30/09/2019	20 Sept 2019	1.00	0.80	1.18	1.16	1.14	0.83	0.82	0.91	1.16
30/09/2019	23 Sept 2019	1.00	0.99	1.17	1.15	1.13	0.83	0.81	0.89	1.13
30/09/2019	24 Sept 2019	1.00	0.98	1.17	1.14	1.12	0.83	0.81	0.89	1.13
30/09/2019	25 Sept 2019	1.00	0.95	1.16	1.14	1.13	0.83	0.79	0.86	1.10
30/09/2019	26 Sept 2019	1.00	0.93	1.18	1.16	1.14	0.83	0.84	0.91	1.14
30/09/2019	27 Sept 2019	1.00	1.00	1.18	1.16	1.14	0.83	0.80	0.89	1.10
30/09/2019	30 Sept 2019	1.00		1.19	1.17	1.15	0.83	0.81	0.89	1.10
31/10/2019	01 Oct 2019	1.00	0.87	1.19	1.16	1.13	0.83	0.80	0.90	1.10
31/10/2019	02 Oct 2019	1.00	0.82	1.19	1.14	1.09	0.78	0.71	0.82	1.04
31/10/2019	03 Oct 2019	1.00	0.97	1.19	1.13	1.07	0.78	0.71	0.82	1.04
31/10/2019	04 Oct 2019	1.00	0.91	1.19	1.12	1.05	0.78	0.69	0.77	0.99
31/10/2019	07 Oct 2019	1.00	0.83	1.19	1.11	1.04	0.78	0.70	0.77	1.00
31/10/2019	08 Oct 2019	1.00	1.03	1.19	1.12	1.04	0.78	0.69	0.76	0.99

31/10/2019	09 Oct 2019	1.00	1.03	1.19	1.12	1.04	0.78	0.70	0.77	1.00
31/10/2019	10 Oct 2019	1.00		1.18	1.11	1.03	0.78	0.73	0.79	1.03
31/10/2019	11 Oct 2019	1.00	1.00	1.17	1.10	1.03	0.78	0.78	0.86	1.12
31/10/2019	14 Oct 2019	1.00	1.00	1.17	1.11	1.04	0.78	0.83	0.93	1.21
31/10/2019	15 Oct 2019	1.00	0.85	1.16	1.10	1.04	0.78	0.78	0.89	1.16
31/10/2019	16 Oct 2019	1.00	0.97	1.14	1.09	1.04	0.78	0.81	0.92	1.20
31/10/2019	17 Oct 2019	1.00	0.97	1.14	1.10	1.05	0.78	0.79	0.91	1.20
31/10/2019	18 Oct 2019	1.00	1.03	1.14	1.10	1.05		0.81	0.94	1.24
31/10/2019	21 Oct 2019	1.00	1.00	1.13	1.08	1.04		0.82	0.95	1.25
31/10/2019	22 Oct 2019	1.00	1.00	1.14	1.10	1.05		0.84	0.99	1.31
31/10/2019	23 Oct 2019	1.00	1.05	1.14	1.10	1.05		0.82	0.97	1.29
31/10/2019	24 Oct 2019	1.00	0.95	1.14	1.10	1.05		0.83	0.97	1.28
31/10/2019	25 Oct 2019	1.00	0.96	1.14	1.10	1.06		0.79	0.93	1.23
31/10/2019	29 Oct 2019	1.00	0.98	1.14	1.10	1.06		0.84	0.97	1.28
31/10/2019	30 Oct 2019	1.00	1.00	1.15	1.11	1.08		0.86	1.01	1.32
31/10/2019	31 Oct 2019	1.00	1.05	1.17	1.12	1.10		0.84	0.99	1.29
30/11/2019	01 Nov 2019	1.00	1.05	1.13	1.13	1.12		0.84	0.99	1.27
30/11/2019	04 Nov 2019	1.00	0.97	1.13	1.13	1.13		0.88	1.03	1.31
30/11/2019	05 Nov 2019	1.00	1.00	1.14	1.14	1.14		0.90	1.06	1.35
30/11/2019	06 Nov 2019	1.00	1.00	1.14	1.14	1.14		0.89	1.07	1.37
30/11/2019	07 Nov 2019	1.00	0.98	1.13	1.13	1.13		0.86	1.04	1.33
30/11/2019	08 Nov 2019	1.00	1.05	1.14	1.15	1.15		0.88	1.07	1.39
30/11/2019	11 Nov 2019	1.00	0.95	1.14	1.15	1.15		0.88	1.07	1.38
30/11/2019	12 Nov 2019	1.00	0.95	1.14	1.14	1.14		0.89	1.07	1.38
30/11/2019	13 Nov 2019	1.00	0.97	1.10	1.10	1.09		0.87	1.05	1.36
30/11/2019	14 Nov 2019	1.00	1.00	1.25	1.26	1.27		1.02	1.18	1.45
30/11/2019	15 Nov 2019	1.00	1.00	1.23	1.24	1.24	0.97		1.12	1.39
30/11/2019	18 Nov 2019	1.00	1.01	1.22	1.22	1.22	0.99		1.14	1.40
30/11/2019	19 Nov 2019	1.00	1.00	1.21	1.21	1.21	0.99		1.14	1.41
30/11/2019	20 Nov 2019	1.00	1.04	1.20	1.21	1.21	0.97		1.12	1.38
30/11/2019	21 Nov 2019	1.00	1.02	1.20	1.20	1.20	0.98		1.11	1.36
30/11/2019	22 Nov 2019	1.00	1.02	1.19	1.20	1.21	0.98		1.12	1.35
30/11/2019	25 Nov 2019	1.00	1.00	1.19	1.20	1.21	0.98		1.12	1.34
30/11/2019	26 Nov 2019	1.00	0.96	1.18	1.20	1.22	0.97		1.11	1.31
30/11/2019	27 Nov 2019	1.00	0.99	1.18	1.21	1.23	0.96		1.09	1.29
30/11/2019	28 Nov 2019	1.00	0.87	1.17	1.20	1.23	0.96		1.09	1.29
30/11/2019	29 Nov 2019	1.00	0.94	1.17	1.20	1.23	0.95		1.08	1.28
31/12/2019	02 Dec 2019	1.00	1.02	1.18	1.21	1.22	0.99		1.12	1.31
31/12/2019	03 Dec 2019	1.00	1.02	1.18	1.21	1.22	1.04		1.20	1.41
31/12/2019	04 Dec 2019	1.00	0.89	1.18	1.19	1.21	1.00		1.17	1.38
31/12/2019	05 Dec 2019	1.00	1.05	1.18	1.19	1.20	1.02		1.20	1.42
31/12/2019	06 Dec 2019	1.00	0.90	1.19	1.20	1.20	1.07		1.24	1.47
31/12/2019	09 Dec 2019	1.00	0.96	1.19	1.19	1.19	1.11		1.28	1.52
31/12/2019	10 Dec 2019	1.00	0.97	1.18	1.19	1.19	1.10		1.28	1.54
31/12/2019	11 Dec 2019	1.00	0.91	1.18	1.19	1.19	1.10		1.28	1.54
31/12/2019	12 Dec 2019	1.00	0.75	1.18	1.18	1.19	1.07		1.26	1.52
31/12/2019	13 Dec 2019	1.00	1.01	1.17	1.18	1.20	1.08		1.29	1.56
31/12/2019	16 Dec 2019	1.00	1.10	1.19	1.20	1.22	1.04		1.24	1.52
31/12/2019	17 Dec 2019	1.00	0.79	1.19	1.21	1.22	1.07		1.28	1.56
31/12/2019	18 Dec 2019	1.00	0.86	1.19	1.21	1.23	1.07		1.27	1.55
31/12/2019	19 Dec 2019	1.00	0.95	1.18	1.21	1.24	1.08		1.29	1.58
31/12/2019	20 Dec 2019	1.00	0.89	1.18	1.21	1.24	1.10		1.34	1.62
31/12/2019	23 Dec 2019	1.00	1.06	1.18	1.22	1.26	1.12		1.34	1.62
31/12/2019	24 Dec 2019	1.00	1.01	1.18	1.22	1.26	1.12		1.35	1.63
31/12/2019	27 Dec 2019	1.00	0.85	1.18	1.23	1.27	1.12		1.34	1.62
31/12/2019	30 Dec 2019	1.00	1.01	1.18	1.23	1.28	1.12		1.35	1.62
31/12/2019	31 Dec 2019	1.00	0.99	1.19	1.24	1.29	1.12		1.36	1.65
31/01/2020	03 Jan 2020	1.00	0.94	1.19	1.24	1.29	1.12		1.33	1.62
31/01/2020	06 Jan 2020	1.00	1.00	1.20	1.24	1.28	1.08		1.28	1.56
31/01/2020	07 Jan 2020	1.00	0.83	1.20	1.23	1.27	1.07		1.24	1.52
31/01/2020	08 Jan 2020	1.00		1.20	1.22	1.24	1.06		1.23	1.50
31/01/2020	09 Jan 2020	1.00	0.99	1.20	1.21	1.23	1.06		1.22	1.49
31/01/2020	10 Jan 2020	1.00	0.75	1.19	1.22	1.24	1.06		1.21	1.48
31/01/2020	13 Jan 2020	1.00	0.85	1.19	1.22	1.25	1.06		1.21	1.47
31/01/2020	14 Jan 2020	1.00	0.95	1.19	1.23	1.27	1.04		1.21	1.49
31/01/2020	15 Jan 2020	1.00	0.91	1.20	1.24	1.28	1.03		1.22	1.50
31/01/2020	16 Jan 2020	1.00	1.05	1.21	1.25	1.29	1.02		1.22	1.50
31/01/2020	17 Jan 2020	1.00	0.96	1.21	1.25	1.29	1.02		1.23	1.52
31/01/2020	20 Jan 2020	1.00	1.01	1.21	1.25	1.29	1.02		1.24	1.53
31/01/2020	21 Jan 2020	1.00	0.94	1.20	1.24	1.27	1.02		1.26	1.55
31/01/2020	22 Jan 2020	1.00	0.99	1.19	1.23	1.27	1.02		1.25	1.54
31/01/2020	23 Jan 2020	1.00	0.75	1.19	1.23	1.27	1.02		1.23	1.52
31/01/2020	24 Jan 2020	1.00	1.02	1.20	1.24	1.28	1.02		1.22	1.48
31/01/2020	27 Jan 2020	1.00	0.93	1.20	1.24	1.28	1.03		1.18	1.43
31/01/2020	28 Jan 2020	1.00	0.85	1.21	1.24	1.27	1.02		1.14	1.36
31/01/2020	29 Jan 2020	1.00	0.75	1.21	1.24	1.26	1.01		1.15	1.36

31/01/2020	30 Jan 2020	1.00	0.92	1.21	1.24	1.26	1.01	1.13	1.34
31/01/2020	31 Jan 2020	1.00	0.96	1.21	1.24	1.26	1.00	1.09	1.30
29/02/2020	03 Feb 2020	1.00	0.87	1.21	1.24	1.26	0.98	1.04	1.25
29/02/2020	04 Feb 2020	1.00	0.90	1.19	1.22	1.25	0.98	1.03	1.23
29/02/2020	05 Feb 2020	1.00	1.08	1.19	1.22	1.26	0.98	1.10	1.31
29/02/2020	07 Feb 2020	1.00		1.19	1.22	1.25	1.03	1.15	1.36
29/02/2020	10 Feb 2020	1.00	1.01	1.17	1.21	1.24	1.03	1.07	1.29
29/02/2020	11 Feb 2020	1.00	0.95	1.16	1.20	1.23	1.00	1.06	1.26
29/02/2020	12 Feb 2020	1.00	0.84	1.15	1.20	1.22	0.99	1.09	1.31
29/02/2020	13 Feb 2020	1.00	0.75	1.14	1.18	1.22	1.03	1.21	1.45
29/02/2020	14 Feb 2020	1.00	0.95	1.14	1.18	1.21	1.02	1.17	1.40
29/02/2020	17 Feb 2020	1.00	0.88	1.13	1.16	1.19	1.02	1.13	1.36
29/02/2020	18 Feb 2020	1.00	1.00	1.12	1.15	1.18	1.00	1.12	1.34
29/02/2020	19 Feb 2020	1.00	0.88	1.11	1.14	1.17	0.99	1.10	1.33
29/02/2020	20 Feb 2020	1.00	1.02	1.10	1.13	1.16	0.99	1.10	1.34
29/02/2020	21 Feb 2020	1.00	1.01	1.10	1.12	1.14	0.95	1.04	1.27
29/02/2020	24 Feb 2020	1.00	0.88	1.10	1.12	1.14	0.92	0.99	1.21
29/02/2020	25 Feb 2020	1.00	1.01	1.09	1.11	1.12	0.90	0.98	1.19
29/02/2020	26 Feb 2020	1.00	0.75	1.08	1.09	1.09	0.88	1.00	1.20
29/02/2020	27 Feb 2020	1.00	1.00	1.08	1.08	1.08	0.88	0.99	1.17
29/02/2020	28 Feb 2020	1.00	0.89	1.08	1.07	1.06	0.83	0.89	1.07
31/03/2020	02 Mar 2020	1.00	0.97	1.01	0.93	0.87	0.60	0.70	0.93
31/03/2020	03 Mar 2020	1.00	0.92	1.02	0.96	0.90	0.60	0.83	1.06
31/03/2020	04 Mar 2020	1.00	0.88	1.01	0.89	0.77	0.55	0.72	0.95
31/03/2020	05 Mar 2020	1.00	0.89	1.01	0.91	0.82	0.55	0.82	1.08
31/03/2020	06 Mar 2020	1.00	1.01	1.00	0.91	0.83	0.57	0.78	1.04
31/03/2020	09 Mar 2020	1.00	0.90	1.00	0.94	0.87	0.55	0.64	0.87
31/03/2020	10 Mar 2020	1.00	0.82	1.00	0.94	0.87	0.53	0.65	0.86
31/03/2020	11 Mar 2020	1.00	0.88	1.04	0.98	0.91	0.63	0.79	1.00
31/03/2020	12 Mar 2020	1.00	0.81	1.01	0.95	0.90	0.60	0.77	1.01
31/03/2020	13 Mar 2020	1.00	0.80	1.00	0.95	0.90	0.58	0.86	1.10
31/03/2020	16 Mar 2020	1.00	0.92	0.43	0.54	0.64	0.35	0.72	1.03
31/03/2020	17 Mar 2020	0.25	0.19	0.42	0.54	0.66	0.34	0.75	1.10
31/03/2020	18 Mar 2020	0.25	0.32	0.45	0.56	0.68	0.52	1.02	1.40
31/03/2020	19 Mar 2020	0.25	0.22	0.47	0.58	0.69	0.57	1.19	1.63
31/03/2020	20 Mar 2020	0.25	0.33	0.43	0.55	0.67	0.40	1.08	1.56
31/03/2020	23 Mar 2020	0.25	0.25	0.40	0.49	0.58	0.30	0.52	0.94
31/03/2020	24 Mar 2020	0.25	0.26	0.38	0.46	0.53	0.29	0.58	0.96
31/03/2020	25 Mar 2020	0.25	0.21	0.37	0.44	0.51	0.29	0.67	1.06
31/03/2020	26 Mar 2020	0.25	0.19	0.37	0.43	0.49	0.29	0.72	1.10
31/03/2020	27 Mar 2020	0.25	0.10	0.36	0.43	0.49	0.29	0.74	1.11
31/03/2020	30 Mar 2020	0.25	0.20	0.36	0.43	0.51	0.25	0.66	1.03
31/03/2020	31 Mar 2020	0.25	0.27	0.35	0.42	0.49	0.25	0.67	1.06
30/04/2020	01 Apr 2020	0.25	0.24	0.35	0.42	0.49	0.25	0.74	1.12
30/04/2020	02 Apr 2020	0.25	0.23	0.35	0.42	0.49	0.26	0.72	1.11
30/04/2020	03 Apr 2020	0.25		0.35	0.42	0.48	0.26	0.70	1.11
30/04/2020	06 Apr 2020	0.25	0.29	0.34	0.41	0.47	0.26	0.58	0.98
30/04/2020	07 Apr 2020	0.25	0.16	0.34	0.41	0.47	0.26	0.64	1.09
30/04/2020	08 Apr 2020	0.25	0.27	0.34	0.40	0.45	0.27	0.64	1.09
30/04/2020	09 Apr 2020	0.25		0.33	0.39	0.45	0.27	0.64	1.08
30/04/2020	14 Apr 2020	0.25	0.30	0.33	0.39	0.44	0.27	0.50	0.91
30/04/2020	15 Apr 2020	0.25	0.25	0.33	0.38	0.44	0.27	0.55	0.96
30/04/2020	16 Apr 2020	0.25		0.32	0.37	0.42	0.25	0.53	0.94
30/04/2020	17 Apr 2020	0.25		0.31	0.35	0.39	0.23	0.51	0.92
30/04/2020	20 Apr 2020	0.25	0.28	0.31	0.34	0.38	0.23	0.50	0.91
30/04/2020	21 Apr 2020	0.25	0.25	0.30	0.33	0.35	0.23	0.49	0.89
30/04/2020	22 Apr 2020	0.25		0.30	0.32	0.33	0.23	0.48	0.89
30/04/2020	23 Apr 2020	0.25		0.29	0.31	0.32	0.23	0.49	0.92
30/04/2020	24 Apr 2020	0.25		0.28	0.30	0.31	0.23	0.46	0.87
30/04/2020	28 Apr 2020	0.25	0.30	0.27	0.27	0.26	0.20	0.34	0.76
30/04/2020	29 Apr 2020	0.25	0.27	0.27	0.27	0.26	0.14	0.28	0.70
30/04/2020	30 Apr 2020	0.25	0.28	0.27	0.27	0.27	0.14	0.36	0.79
31/05/2020	01 May 2020	0.25		0.27	0.27	0.26	0.14	0.27	0.68
31/05/2020	04 May 2020	0.25	0.25	0.27	0.27	0.26	0.14	0.21	0.59
31/05/2020	05 May 2020	0.25	0.16	0.27	0.27	0.27	0.14	0.20	0.57
31/05/2020	06 May 2020	0.25	0.12	0.27	0.27	0.26	0.13	0.24	0.60
31/05/2020	07 May 2020	0.25	0.25	0.27	0.27	0.26	0.13	0.34	0.70
31/05/2020	08 May 2020	0.25	0.25	0.27	0.27	0.26	0.12	0.24	0.59
31/05/2020	11 May 2020	0.25	0.27	0.27	0.27	0.26	0.10	0.24	0.58
31/05/2020	12 May 2020	0.25	0.27	0.27	0.27	0.26	0.10	0.23	0.59
31/05/2020	13 May 2020	0.25		0.27	0.27	0.26	0.10	0.22	0.58
31/05/2020	14 May 2020	0.25		0.27	0.28	0.28	0.10	0.18	0.49
31/05/2020	15 May 2020	0.25	0.23	0.27	0.27	0.27	0.09	0.17	0.65
31/05/2020	18 May 2020	0.25	0.17	0.26	0.26	0.25	0.07	0.17	0.64
31/05/2020	19 May 2020	0.25	0.28	0.26	0.26	0.25	0.07	0.20	0.68
31/05/2020	20 May 2020	0.25	0.28	0.26	0.26	0.25	0.07	0.20	0.65

31/05/2020	21 May 2020	0.25	0.24	0.26	0.26	0.25	0.07	0.26	0.70
31/05/2020	22 May 2020	0.25	0.28	0.26	0.26	0.25	0.07	0.22	0.62
31/05/2020	25 May 2020	0.25		0.27	0.27	0.26	0.05	0.23	0.61
31/05/2020	26 May 2020	0.25	0.28	0.27	0.27	0.26	0.05	0.26	0.65
31/05/2020	27 May 2020	0.25	0.28	0.27	0.27	0.26	0.08	0.31	0.71
31/05/2020	28 May 2020	0.25	0.28	0.27	0.27	0.26	0.11	0.33	0.72
31/05/2020	29 May 2020	0.25	0.28	0.27	0.26	0.26	0.11	0.36	0.78
30/06/2020	02 Jun 2020	0.25	0.28	0.27	0.26	0.26	0.12	0.38	0.83
30/06/2020	03 Jun 2020	0.25	0.26	0.27	0.26	0.26	0.13	0.39	0.86
30/06/2020	04 Jun 2020	0.25	0.27	0.27	0.26	0.26	0.16	0.43	0.94
30/06/2020	05 Jun 2020	0.25	0.27	0.27	0.26	0.26	0.18	0.44	0.95
30/06/2020	08 Jun 2020	0.25		0.27	0.26	0.26	0.18	0.48	1.01
30/06/2020	09 Jun 2020	0.25	0.28	0.27	0.26	0.26	0.18	0.49	0.99
30/06/2020	10 Jun 2020	0.25		0.27	0.26	0.25	0.18	0.46	0.94
30/06/2020	11 Jun 2020	0.25		0.27	0.26	0.26	0.18	0.42	0.86
30/06/2020	12 Jun 2020	0.25	0.25	0.27	0.27	0.27	0.18	0.42	0.81
30/06/2020	15 Jun 2020	0.25		0.27	0.27	0.27	0.18	0.45	0.80
30/06/2020	16 Jun 2020	0.25		0.27	0.27	0.27	0.19	0.46	0.83
30/06/2020	17 Jun 2020	0.25	0.28	0.27	0.27	0.27	0.20	0.45	0.85
30/06/2020	18 Jun 2020	0.25	0.25	0.27	0.27	0.28	0.20	0.41	0.85
30/06/2020	19 Jun 2020	0.25	0.00	0.27	0.28	0.29	0.20	0.41	0.90
30/06/2020	22 Jun 2020	0.25	0.23	0.27	0.29	0.30	0.22	0.39	0.87
30/06/2020	23 Jun 2020	0.25	0.22	0.27	0.28	0.30	0.22	0.44	0.92
30/06/2020	24 Jun 2020	0.25	0.20	0.27	0.28	0.30	0.22	0.45	0.97
30/06/2020	25 Jun 2020	0.25	0.20	0.27	0.28	0.30	0.23	0.45	0.94
30/06/2020	26 Jun 2020	0.25	0.21	0.27	0.28	0.30	0.23	0.45	0.95
30/06/2020	29 Jun 2020	0.25	0.22	0.27	0.29	0.31	0.23	0.42	0.91
30/06/2020	30 Jun 2020	0.25		0.27	0.29	0.30	0.23	0.41	0.91
31/07/2020	01 Jul 2020	0.25	0.25	0.27	0.29	0.30	0.23	0.43	0.93
31/07/2020	02 Jul 2020	0.25	0.18	0.27	0.29	0.31	0.24	0.48	1.00
31/07/2020	03 Jul 2020	0.25	0.21	0.28	0.29	0.31	0.25	0.46	0.96
31/07/2020	06 Jul 2020	0.25		0.28	0.29	0.31	0.24	0.46	0.96
31/07/2020	07 Jul 2020	0.25		0.28	0.30	0.31	0.24	0.48	1.00
31/07/2020	08 Jul 2020	0.25	0.23	0.27	0.29	0.31	0.24	0.45	0.96
31/07/2020	09 Jul 2020	0.25		0.27	0.29	0.31	0.24	0.47	0.98
31/07/2020	10 Jul 2020	0.25		0.27	0.29	0.31	0.24	0.47	0.99
31/07/2020	13 Jul 2020	0.25		0.27	0.29	0.31	0.24	0.46	1.00
31/07/2020	14 Jul 2020	0.25	0.28	0.27	0.29	0.31	0.24	0.44	0.96
31/07/2020	15 Jul 2020	0.25		0.28	0.30	0.31	0.24	0.43	0.94
31/07/2020	16 Jul 2020	0.25		0.28	0.30	0.31	0.24	0.44	0.94
31/07/2020	17 Jul 2020	0.25	0.28	0.27	0.29	0.30	0.24	0.42	0.91
31/07/2020	20 Jul 2020	0.25		0.27	0.29	0.30	0.24	0.39	0.88
31/07/2020	21 Jul 2020	0.25		0.27	0.29	0.30	0.24	0.39	0.87
31/07/2020	22 Jul 2020	0.25	0.29	0.27	0.29	0.31	0.25	0.38	0.83
31/07/2020	23 Jul 2020	0.25	0.30	0.27	0.29	0.30	0.25	0.41	0.86
31/07/2020	24 Jul 2020	0.25		0.27	0.29	0.30	0.25	0.38	0.83
31/07/2020	27 Jul 2020	0.25	0.00	0.27	0.29	0.30	0.25	0.38	0.83
31/07/2020	28 Jul 2020	0.25		0.27	0.29	0.30	0.25	0.39	0.84
31/07/2020	29 Jul 2020	0.25	0.25	0.27	0.29	0.30	0.25	0.38	0.81
31/07/2020	30 Jul 2020	0.25	0.21	0.27	0.29	0.30	0.25	0.39	0.82
31/07/2020	31 Jul 2020	0.25	0.00	0.27	0.29	0.30	0.25	0.35	0.77
31/08/2020	03 Aug 2020	0.25	0.25	0.27	0.29	0.30	0.25	0.33	0.74
31/08/2020	04 Aug 2020	0.25	0.23	0.27	0.29	0.30	0.25	0.34	0.74
31/08/2020	05 Aug 2020	0.25		0.27	0.29	0.30	0.25	0.33	0.72
31/08/2020	06 Aug 2020	0.25		0.27	0.29	0.30	0.25	0.37	0.78
31/08/2020	07 Aug 2020	0.25	0.00	0.27	0.29	0.30	0.25	0.36	0.77
31/08/2020	10 Aug 2020	0.25	0.25	0.27	0.29	0.30	0.25	0.36	0.77
31/08/2020	11 Aug 2020	0.25		0.27	0.28	0.29	0.25	0.35	0.78
31/08/2020	12 Aug 2020	0.25	0.00	0.27	0.29	0.30	0.25	0.34	0.78
31/08/2020	13 Aug 2020	0.25	0.10	0.27	0.29	0.30	0.25	0.30	0.73
31/08/2020	14 Aug 2020	0.25	0.20	0.27	0.28	0.29	0.25	0.24	0.68
31/08/2020	17 Aug 2020	0.25	0.10	0.27	0.28	0.28	0.24	0.23	0.67
31/08/2020	18 Aug 2020	0.25	0.20	0.27	0.28	0.28	0.24	0.24	0.69
31/08/2020	19 Aug 2020	0.25	0.05	0.27	0.28	0.28	0.23	0.20	0.67
31/08/2020	20 Aug 2020	0.25	0.06	0.27	0.27	0.27	0.23	0.19	0.66
31/08/2020	21 Aug 2020	0.25		0.27	0.27	0.27	0.23	0.14	0.62
31/08/2020	24 Aug 2020	0.25	0.25	0.27	0.27	0.28	0.22	0.16	0.62
31/08/2020	25 Aug 2020	0.25		0.27	0.28	0.28	0.22	0.14	0.57
31/08/2020	26 Aug 2020	0.25		0.27	0.28	0.28	0.22	0.13	0.55
31/08/2020	27 Aug 2020	0.25		0.27	0.28	0.28	0.19	0.14	0.58
31/08/2020	28 Aug 2020	0.25	0.28	0.27	0.28	0.29	0.19	0.14	0.59
31/08/2020	31 Aug 2020	0.25		0.27	0.28	0.29	0.19	0.14	0.61
30/09/2020	01 Sept 2020	0.25	0.30	0.28	0.29	0.30	0.19	0.14	0.63
30/09/2020	02 Sept 2020	0.25		0.28	0.29	0.30	0.19	0.10	0.59
30/09/2020	03 Sept 2020	0.25		0.28	0.29	0.30	0.19	0.11	0.62
30/09/2020	04 Sept 2020	0.25		0.28	0.29	0.30	0.19	0.11	0.62

30/09/2020	07 Sept 2020	0.25		0.28	0.29	0.30	0.19		0.08	0.61
30/09/2020	08 Sept 2020	0.25		0.28	0.29	0.30	0.19		0.09	0.62
30/09/2020	09 Sept 2020	0.25	0.28	0.27	0.29	0.30	0.19		0.05	0.57
30/09/2020	10 Sept 2020	0.25		0.27	0.29	0.30	0.19		0.06	0.60
30/09/2020	11 Sept 2020	0.25		0.27	0.29	0.30	0.19		0.05	0.60
30/09/2020	14 Sept 2020	0.25		0.27	0.29	0.30	0.19		0.02	0.60
30/09/2020	15 Sept 2020	0.25	0.28	0.28	0.29	0.30	0.19		0.02	0.61
30/09/2020	16 Sept 2020	0.25	0.28	0.28	0.29	0.30	0.19		0.01	0.60
30/09/2020	17 Sept 2020	0.25		0.28	0.29	0.30	0.19		0.01	0.58
30/09/2020	18 Sept 2020	0.25		0.28	0.29	0.30	0.19		-0.02	0.55
30/09/2020	21 Sept 2020	0.25	0.25	0.28	0.29	0.30	0.19		-0.03	0.54
30/09/2020	22 Sept 2020	0.25	0.22	0.28	0.29	0.30	0.19		-0.04	0.53
30/09/2020	23 Sept 2020	0.25	0.25	0.28	0.29	0.30	0.19		-0.05	0.51
30/09/2020	24 Sept 2020	0.25		0.28	0.29	0.30	0.19		-0.05	0.48
30/09/2020	25 Sept 2020	0.25		0.28	0.29	0.30	0.19		-0.06	0.45
30/09/2020	28 Sept 2020	0.25		0.28	0.29	0.30	0.19		-0.06	0.44
30/09/2020	29 Sept 2020	0.25	0.23	0.28	0.30	0.31	0.19		-0.03	0.45
30/09/2020	30 Sept 2020	0.25		0.28	0.30	0.31	0.18		-0.02	0.46
31/10/2020	01 Oct 2020	0.25		0.28	0.29	0.29	0.18		0.03	0.52
31/10/2020	02 Oct 2020	0.25		0.28	0.29	0.29	0.18		0.02	0.50
31/10/2020	05 Oct 2020	0.25		0.28	0.27	0.27	0.18		0.02	0.50
31/10/2020	06 Oct 2020	0.25		0.28	0.28	0.28	0.18		0.05	0.54
31/10/2020	07 Oct 2020	0.25	0.20	0.28	0.28	0.28	0.18		0.01	0.50
31/10/2020	08 Oct 2020	0.25		0.28	0.28	0.28	0.18		0.07	0.56
31/10/2020	09 Oct 2020	0.25		0.28	0.28	0.28	0.18		0.01	0.54
31/10/2020	12 Oct 2020	0.25		0.28	0.28	0.28	0.18		0.02	0.54
31/10/2020	13 Oct 2020	0.25	0.21	0.28	0.28	0.28	0.18		0.04	0.58
31/10/2020	14 Oct 2020	0.25	0.22	0.27	0.27	0.27	0.18		0.05	0.58
31/10/2020	15 Oct 2020	0.25	0.19	0.27	0.27	0.27	0.18		0.05	0.57
31/10/2020	16 Oct 2020	0.25	0.18	0.27	0.27	0.28	0.18		0.04	0.54
31/10/2020	19 Oct 2020	0.25	0.18	0.27	0.27	0.28	0.18		0.03	0.54
31/10/2020	20 Oct 2020	0.25	0.23	0.27	0.27	0.27	0.18		0.03	0.54
31/10/2020	21 Oct 2020	0.25	0.20	0.27	0.27	0.27	0.18		0.05	0.56
31/10/2020	22 Oct 2020	0.25		0.27	0.27	0.27	0.18		0.05	0.58
31/10/2020	23 Oct 2020	0.25	0.23	0.27	0.27	0.27	0.18		0.05	0.59
31/10/2020	27 Oct 2020	0.25		0.27	0.27	0.27	0.18		0.03	0.57
31/10/2020	28 Oct 2020	0.25	0.24	0.27	0.27	0.27	0.18		0.03	0.55
31/10/2020	29 Oct 2020	0.25	0.18	0.27	0.27	0.28	0.18		-0.01	0.50
31/10/2020	30 Oct 2020	0.25		0.27	0.28	0.28	0.18		0.01	0.51
30/11/2020	02 Nov 2020	0.25	0.17	0.27	0.28	0.28	0.18		0.02	0.53
30/11/2020	03 Nov 2020	0.25		0.27	0.28	0.28	0.18		0.03	0.54
30/11/2020	04 Nov 2020	0.25	0.25	0.27	0.28	0.28	0.18		0.05	0.55
30/11/2020	05 Nov 2020	0.25		0.27	0.28	0.29	0.18		0.04	0.54
30/11/2020	06 Nov 2020	0.25		0.27	0.28	0.29	0.18		0.03	0.53
30/11/2020	09 Nov 2020	0.25		0.27	0.28	0.29	0.18		0.08	0.58
30/11/2020	10 Nov 2020	0.25		0.27	0.28	0.29	0.18		0.16	0.70
30/11/2020	11 Nov 2020	0.25		0.27	0.28	0.28	0.19		0.20	0.76
30/11/2020	12 Nov 2020	0.25	0.23	0.27	0.28	0.28	0.22		0.27	0.84
30/11/2020	13 Nov 2020	0.25		0.27	0.27	0.27	0.22		0.29	0.84
30/11/2020	16 Nov 2020	0.25	0.22	0.27	0.27	0.26	0.22		0.27	0.83
30/11/2020	17 Nov 2020	0.25	0.05	0.27	0.26	0.25	0.22		0.31	0.88
30/11/2020	18 Nov 2020	0.25		0.27	0.26	0.25	0.22		0.31	0.89
30/11/2020	19 Nov 2020	0.25		0.27	0.26	0.25	0.22		0.29	0.86
30/11/2020	20 Nov 2020	0.25	0.23	0.27	0.26	0.25	0.22	0.16	0.26	0.82
30/11/2020	23 Nov 2020	0.25	0.28	0.27	0.26	0.25	0.22	0.16	0.25	0.80
30/11/2020	24 Nov 2020	0.25	0.27	0.27	0.26	0.25	0.22	0.18	0.27	0.81
30/11/2020	25 Nov 2020	0.25		0.27	0.26	0.25	0.22	0.25	0.34	0.89
30/11/2020	26 Nov 2020	0.25		0.27	0.26	0.25	0.23	0.23	0.34	0.92
30/11/2020	27 Nov 2020	0.25	0.25	0.27	0.26	0.25	0.23	0.23	0.32	0.89
30/11/2020	30 Nov 2020	0.25		0.27	0.26	0.25	0.22	0.22	0.30	0.87
31/12/2020	01 Dec 2020	0.25		0.27	0.26	0.25	0.20	0.20	0.29	0.85
31/12/2020	02 Dec 2020	0.25	0.23	0.27	0.26	0.25	0.24	0.24	0.32	0.89
31/12/2020	03 Dec 2020	0.25	0.23	0.27	0.26	0.25	0.24	0.24	0.33	0.92
31/12/2020	04 Dec 2020	0.25	0.23	0.27	0.26	0.25	0.23	0.23	0.32	0.89
31/12/2020	07 Dec 2020	0.25	0.22	0.26	0.26	0.26	0.25	0.25	0.35	0.94
31/12/2020	08 Dec 2020	0.25	0.24	0.26	0.26	0.27	0.23	0.23	0.34	0.94
31/12/2020	09 Dec 2020	0.25	0.23	0.26	0.27	0.27	0.22	0.22	0.32	0.91
31/12/2020	10 Dec 2020	0.25		0.26	0.26	0.26	0.25	0.25	0.34	0.93
31/12/2020	11 Dec 2020	0.25		0.26	0.26	0.26	0.22	0.22	0.31	0.89
31/12/2020	14 Dec 2020	0.25	0.23	0.26	0.26	0.26	0.21	0.21	0.29	0.86
31/12/2020	15 Dec 2020	0.25	0.23	0.26	0.26	0.25	0.22	0.22	0.30	0.86
31/12/2020	16 Dec 2020	0.25	0.23	0.26	0.26	0.25	0.23	0.23	0.31	0.88
31/12/2020	17 Dec 2020	0.25	0.23	0.26	0.26	0.26	0.24	0.24	0.35	0.92
31/12/2020	18 Dec 2020	0.25	0.23	0.26	0.26	0.25	0.27	0.27	0.37	0.95
31/12/2020	21 Dec 2020	0.25	0.25	0.26	0.26	0.27	0.26	0.26	0.37	0.96
31/12/2020	22 Dec 2020	0.25	0.22	0.26	0.27	0.27	0.25	0.25	0.37	0.95

31/12/2020	23 Dec 2020	0.25	0.22	0.26	0.27	0.27	0.25	0.37	0.96
31/12/2020	24 Dec 2020	0.25	0.21	0.26	0.27	0.27	0.26	0.39	0.98
31/12/2020	29 Dec 2020	0.25	0.24	0.26	0.27	0.27	0.26	0.38	0.98
31/12/2020	30 Dec 2020	0.25	0.25	0.26	0.27	0.27	0.26	0.39	0.99
31/12/2020	31 Dec 2020	0.25		0.26	0.27	0.27	0.26	0.39	0.99
31/01/2021	05 Jan 2021	0.25	0.23	0.26	0.27	0.27	0.24	0.36	0.95
31/01/2021	06 Jan 2021	0.25	0.23	0.26	0.27	0.27	0.25	0.37	0.94
31/01/2021	07 Jan 2021	0.25	0.25	0.26	0.27	0.27	0.27	0.40	1.00
31/01/2021	08 Jan 2021	0.25	0.23	0.26	0.27	0.27	0.28	0.43	1.05
31/01/2021	11 Jan 2021	0.25		0.26	0.27	0.27	0.26	0.42	1.05
31/01/2021	12 Jan 2021	0.25	0.23	0.26	0.27	0.27	0.26	0.43	1.08
31/01/2021	13 Jan 2021	0.25	0.24	0.26	0.27	0.27	0.26	0.44	1.10
31/01/2021	14 Jan 2021	0.25	0.23	0.26	0.27	0.28	0.22	0.40	1.06
31/01/2021	15 Jan 2021	0.25		0.26	0.27	0.28	0.22	0.41	1.08
31/01/2021	18 Jan 2021	0.25		0.26	0.28	0.29	0.18	0.36	1.00
31/01/2021	19 Jan 2021	0.25		0.26	0.27	0.29	0.20	0.37	1.01
31/01/2021	20 Jan 2021	0.25		0.26	0.27	0.29	0.19	0.36	1.01
31/01/2021	21 Jan 2021	0.25	0.23	0.26	0.27	0.28	0.21	0.38	1.04
31/01/2021	22 Jan 2021	0.25	0.23	0.26	0.28	0.29	0.23	0.40	1.07
31/01/2021	25 Jan 2021	0.25		0.26	0.28	0.29	0.18	0.37	1.06
31/01/2021	26 Jan 2021	0.25	0.25	0.26	0.28	0.29	0.16	0.35	1.03
31/01/2021	27 Jan 2021	0.25		0.26	0.28	0.29	0.17	0.35	1.03
31/01/2021	28 Jan 2021	0.25		0.26	0.28	0.29	0.19	0.37	1.07
31/01/2021	29 Jan 2021	0.25		0.26	0.28	0.29	0.20	0.39	1.10
28/02/2021	01 Feb 2021	0.25	0.23	0.26	0.28	0.29	0.20	0.42	1.15
28/02/2021	02 Feb 2021	0.25	0.23	0.26	0.27	0.28	0.23	0.46	1.19
28/02/2021	03 Feb 2021	0.25	0.23	0.26	0.27	0.28	0.28	0.52	1.27
28/02/2021	04 Feb 2021	0.25	0.23	0.26	0.27	0.28	0.27	0.56	1.35
28/02/2021	05 Feb 2021	0.25	0.23	0.26	0.27	0.28	0.27	0.58	1.37
28/02/2021	09 Feb 2021	0.25		0.26	0.28	0.29	0.28	0.60	1.40
28/02/2021	10 Feb 2021	0.25	0.25	0.26	0.28	0.29	0.25	0.76	1.40
28/02/2021	11 Feb 2021	0.25		0.26	0.28	0.29	0.24	0.74	1.37
28/02/2021	12 Feb 2021	0.25	0.25	0.26	0.28	0.29	0.24	0.71	1.31
28/02/2021	15 Feb 2021	0.25	0.26	0.26	0.28	0.30	0.22	0.72	1.34
28/02/2021	16 Feb 2021	0.25	0.25	0.26	0.28	0.29	0.22	0.76	1.42
28/02/2021	17 Feb 2021	0.25		0.26	0.27	0.28	0.25	0.83	1.51
28/02/2021	18 Feb 2021	0.25		0.26	0.27	0.28	0.23	0.83	1.51
28/02/2021	19 Feb 2021	0.25		0.26	0.27	0.28	0.24	0.84	1.51
28/02/2021	22 Feb 2021	0.25		0.26	0.27	0.27	0.26	0.88	1.59
28/02/2021	23 Feb 2021	0.25		0.26	0.27	0.28	0.29	0.95	1.69
28/02/2021	24 Feb 2021	0.25	0.23	0.26	0.27	0.28	0.26	0.91	1.63
28/02/2021	25 Feb 2021	0.25	0.23	0.26	0.28	0.29	0.36	1.04	1.79
28/02/2021	26 Feb 2021	0.25		0.26	0.29	0.31	0.47	1.22	2.02
31/03/2021	01 Mar 2021	0.25	0.23	0.26	0.29	0.31	0.33	1.02	1.76
31/03/2021	02 Mar 2021	0.25	0.23	0.26	0.29	0.31	0.34	1.05	1.75
31/03/2021	03 Mar 2021	0.25	0.23	0.26	0.29	0.31	0.35	1.05	1.73
31/03/2021	04 Mar 2021	0.25	0.23	0.26	0.29	0.31	0.40	1.11	1.80
31/03/2021	05 Mar 2021	0.25	0.23	0.26	0.29	0.32	0.40	1.17	1.89
31/03/2021	08 Mar 2021	0.25	0.23	0.26	0.29	0.32	0.38	1.17	1.91
31/03/2021	09 Mar 2021	0.25	0.25	0.26	0.29	0.32	0.39	1.18	1.91
31/03/2021	10 Mar 2021	0.25	0.23	0.26	0.29	0.33	0.36	1.11	1.82
31/03/2021	11 Mar 2021	0.25		0.26	0.29	0.32	0.36	1.09	1.77
31/03/2021	12 Mar 2021	0.25	0.20	0.26	0.29	0.32	0.32	1.02	1.69
31/03/2021	15 Mar 2021	0.25	0.23	0.26	0.29	0.32	0.38	1.09	1.79
31/03/2021	16 Mar 2021	0.25	0.23	0.26	0.30	0.33	0.35	1.09	1.80
31/03/2021	17 Mar 2021	0.25	0.23	0.26	0.30	0.33	0.34	1.06	1.73
31/03/2021	18 Mar 2021	0.25	0.23	0.26	0.30	0.34	0.37	1.10	1.79
31/03/2021	19 Mar 2021	0.25	0.23	0.26	0.30	0.34	0.34	1.08	1.84
31/03/2021	22 Mar 2021	0.25	0.23	0.26	0.31	0.35	0.32	1.07	1.82
31/03/2021	23 Mar 2021	0.25	0.23	0.26	0.30	0.34	0.24	0.96	1.71
31/03/2021	24 Mar 2021	0.25	0.23	0.26	0.30	0.34	0.19	0.83	1.57
31/03/2021	25 Mar 2021	0.25	0.23	0.26	0.31	0.35	0.20	0.81	1.54
31/03/2021	26 Mar 2021	0.25	0.23	0.26	0.31	0.35	0.26	0.87	1.62
31/03/2021	29 Mar 2021	0.25	0.23	0.26	0.30	0.34	0.26	0.88	1.67
31/03/2021	30 Mar 2021	0.25	0.22	0.26	0.30	0.35	0.27	0.91	1.71
31/03/2021	31 Mar 2021	0.25		0.26	0.30	0.35	0.27	0.95	1.78
30/04/2021	01 Apr 2021	0.25	0.23	0.26	0.30	0.34	0.28	0.97	1.81
30/04/2021	06 Apr 2021	0.25		0.26	0.31	0.35	0.26	0.95	1.81
30/04/2021	07 Apr 2021	0.25		0.26	0.30	0.34	0.24	0.92	1.76
30/04/2021	08 Apr 2021	0.25		0.26	0.30	0.33	0.25	0.92	1.75
30/04/2021	09 Apr 2021	0.25		0.26	0.29	0.32	0.23	0.89	1.71
30/04/2021	12 Apr 2021	0.25		0.26	0.29	0.32	0.26	0.91	1.74
30/04/2021	13 Apr 2021	0.25		0.26	0.29	0.32	0.24	0.90	1.75
30/04/2021	14 Apr 2021	0.25		0.26	0.29	0.32	0.23	0.87	1.69
30/04/2021	15 Apr 2021	0.25		0.26	0.30	0.34	0.25	0.89	1.72
30/04/2021	16 Apr 2021	0.25		0.26	0.30	0.34	0.25	0.84	1.64

30/04/2021	19 Apr 2021	0.25		0.26	0.30	0.34		0.25	0.85	1.64
30/04/2021	20 Apr 2021	0.25		0.26	0.30	0.34		0.27	0.86	1.63
30/04/2021	21 Apr 2021	0.25	0.24	0.26	0.30	0.34		0.24	0.83	1.61
30/04/2021	22 Apr 2021	0.25		0.26	0.31	0.35		0.26	0.83	1.58
30/04/2021	23 Apr 2021	0.25	0.24	0.26	0.31	0.35		0.25	0.82	1.56
30/04/2021	27 Apr 2021	0.25	0.24	0.26	0.31	0.35		0.26	0.85	1.60
30/04/2021	28 Apr 2021	0.25	0.27	0.26	0.31	0.35		0.27	0.87	1.63
30/04/2021	29 Apr 2021	0.25		0.26	0.31	0.35		0.25	0.85	1.61
30/04/2021	30 Apr 2021	0.25		0.26	0.31	0.36		0.26	0.86	1.62
31/05/2021	03 May 2021	0.25		0.26	0.31	0.36		0.25	0.87	1.65
31/05/2021	04 May 2021	0.25		0.26	0.31	0.36		0.26	0.89	1.68
31/05/2021	05 May 2021	0.25		0.26	0.31	0.36		0.28	0.91	1.69
31/05/2021	06 May 2021	0.25	0.22	0.26	0.32	0.37		0.31	0.95	1.72
31/05/2021	07 May 2021	0.25	0.23	0.27	0.32	0.37		0.30	0.94	1.70
31/05/2021	10 May 2021	0.25	0.23	0.27	0.33	0.38		0.32	0.96	1.73
31/05/2021	11 May 2021	0.25	0.23	0.28	0.33	0.38		0.31	1.00	1.78
31/05/2021	12 May 2021	0.25	0.20	0.28	0.33	0.37		0.32	1.02	1.81
31/05/2021	13 May 2021	0.25		0.28	0.32	0.37		0.34	1.09	1.90
31/05/2021	14 May 2021	0.25		0.27	0.32	0.36		0.32	1.08	1.88
31/05/2021	17 May 2021	0.25	0.21	0.28	0.32	0.35		0.31	1.08	1.89
31/05/2021	18 May 2021	0.25	0.21	0.28	0.31	0.34		0.33	1.10	1.90
31/05/2021	19 May 2021	0.25	0.22	0.27	0.31	0.34		0.33	1.09	1.89
31/05/2021	20 May 2021	0.25	0.22	0.27	0.30	0.33		0.33	1.10	1.88
31/05/2021	21 May 2021	0.25	0.22	0.28	0.30	0.32		0.30	1.08	1.87
31/05/2021	24 May 2021	0.25	0.24	0.28	0.30	0.32		0.27	1.05	1.82
31/05/2021	25 May 2021	0.25	0.22	0.28	0.31	0.33		0.27	1.02	1.78
31/05/2021	26 May 2021	0.25	0.22	0.28	0.31	0.34		0.25	1.00	1.76
31/05/2021	27 May 2021	0.25	0.23	0.28	0.31	0.33		0.33	1.12	1.88
31/05/2021	28 May 2021	0.25	0.23	0.27	0.30	0.33		0.33	1.14	1.88
31/05/2021	31 May 2021	0.25	0.24	0.27	0.30	0.32		0.31	1.11	1.85
30/06/2021	01 Jun 2021	0.25	0.23	0.27	0.30	0.32		0.28	1.06	1.80
30/06/2021	02 Jun 2021	0.25	0.20	0.27	0.30	0.32		0.27	1.02	1.74
30/06/2021	03 Jun 2021	0.25	0.23	0.27	0.30	0.32		0.27	1.04	1.77
30/06/2021	04 Jun 2021	0.25	0.23	0.27	0.30	0.32		0.28	1.04	1.81
30/06/2021	08 Jun 2021	0.25	0.23	0.27	0.30	0.32		0.27	1.03	1.82
30/06/2021	09 Jun 2021	0.25	0.22	0.27	0.30	0.32		0.27	1.00	1.77
30/06/2021	10 Jun 2021	0.25	0.22	0.27	0.30	0.32		0.25	0.94	1.71
30/06/2021	11 Jun 2021	0.25	0.22	0.27	0.30	0.32		0.23	0.90	1.67
30/06/2021	14 Jun 2021	0.25	0.22	0.27	0.30	0.32		0.25	0.91	1.66
30/06/2021	15 Jun 2021	0.25	0.23	0.27	0.30	0.32		0.25	0.92	1.67
30/06/2021	16 Jun 2021	0.25	0.23	0.28	0.30	0.32		0.25	0.90	1.65
30/06/2021	17 Jun 2021	0.25		0.27	0.30	0.33		0.33	1.01	1.78
30/06/2021	18 Jun 2021	0.25	0.24	0.27	0.30	0.33		0.34	1.01	1.75
30/06/2021	21 Jun 2021	0.25	0.24	0.27	0.31	0.33		0.40	1.05	1.75
30/06/2021	22 Jun 2021	0.25	0.23	0.27	0.31	0.34		0.45	1.11	1.80
30/06/2021	23 Jun 2021	0.25	0.23	0.27	0.31	0.34		0.48	1.13	1.82
30/06/2021	24 Jun 2021	0.25	0.23	0.27	0.31	0.33		0.46	1.11	1.80
30/06/2021	25 Jun 2021	0.25	0.23	0.27	0.30	0.33		0.46	1.10	1.79
30/06/2021	28 Jun 2021	0.25	0.23	0.26	0.30	0.34		0.51	1.15	1.83
30/06/2021	29 Jun 2021	0.25	0.23	0.26	0.30	0.34		0.50	1.13	1.79
30/06/2021	30 Jun 2021	0.25	0.24	0.26	0.31	0.35		0.50	1.12	1.77
31/07/2021	01 Jul 2021	0.25	0.23	0.27	0.31	0.36		0.50	1.12	1.77
31/07/2021	02 Jul 2021	0.25	0.23	0.27	0.31	0.35		0.48	1.09	1.72
31/07/2021	05 Jul 2021	0.25	0.23	0.27	0.31	0.34		0.49	1.08	1.67
31/07/2021	06 Jul 2021	0.25	0.22	0.27	0.30	0.33		0.57	1.13	1.69
31/07/2021	07 Jul 2021	0.25	0.23	0.27	0.31	0.34		0.58	1.12	1.64
31/07/2021	08 Jul 2021	0.25	0.23	0.27	0.31	0.35		0.59	1.13	1.63
31/07/2021	09 Jul 2021	0.25	0.23	0.27	0.31	0.34		0.58	1.08	1.54
31/07/2021	12 Jul 2021	0.25	0.23	0.27	0.30	0.32		0.57	1.07	1.54
31/07/2021	13 Jul 2021	0.25	0.23	0.27	0.30	0.33		0.56	1.07	1.54
31/07/2021	14 Jul 2021	0.25	0.23	0.28	0.31	0.33		0.56	1.08	1.59
31/07/2021	15 Jul 2021	0.25	0.23	0.31	0.36	0.41		0.72	1.20	1.64
31/07/2021	16 Jul 2021	0.25	0.23	0.31	0.37	0.43		0.81	1.26	1.67
31/07/2021	19 Jul 2021	0.25	0.23	0.32	0.40	0.47		0.77	1.20	1.61
31/07/2021	20 Jul 2021	0.25	0.23	0.31	0.39	0.46		0.74	1.15	1.54
31/07/2021	21 Jul 2021	0.25	0.23	0.32	0.39	0.45		0.74	1.15	1.53
31/07/2021	22 Jul 2021	0.25	0.23	0.32	0.39	0.46		0.77	1.20	1.60
31/07/2021	23 Jul 2021	0.25	0.23	0.32	0.39	0.46		0.74	1.15	1.52
31/07/2021	26 Jul 2021	0.25	0.21	0.32	0.39	0.45		0.72	1.13	1.50
31/07/2021	27 Jul 2021	0.25	0.23	0.32	0.40	0.47		0.74	1.14	1.52
31/07/2021	28 Jul 2021	0.25	0.23	0.33	0.40	0.47		0.73	1.13	1.52
31/07/2021	29 Jul 2021	0.25	0.23	0.33	0.40	0.47		0.72	1.12	1.51
31/07/2021	30 Jul 2021	0.25	0.23	0.33	0.41	0.48		0.71	1.13	1.51
31/08/2021	02 Aug 2021	0.25	0.21	0.37	0.44	0.50		0.70	1.12	1.52
31/08/2021	03 Aug 2021	0.25	0.21	0.38	0.44	0.50		0.70	1.12	1.51
31/08/2021	04 Aug 2021	0.25	0.20	0.41	0.48	0.55		0.85	1.23	1.58

31/08/2021	05 Aug 2021	0.25	0.21	0.46	0.55	0.65		0.89	1.26	1.59
31/08/2021	06 Aug 2021	0.25	0.22	0.46	0.55	0.65		0.92	1.28	1.62
31/08/2021	09 Aug 2021	0.25	0.23	0.48	0.57	0.65		0.92	1.30	1.66
31/08/2021	10 Aug 2021	0.25	0.20	0.50	0.59	0.67		0.94	1.33	1.69
31/08/2021	11 Aug 2021	0.25	0.20	0.52	0.60	0.69		0.97	1.35	1.71
31/08/2021	12 Aug 2021	0.25	0.21	0.52	0.60	0.68		0.99	1.37	1.72
31/08/2021	13 Aug 2021	0.25	0.23	0.53	0.60	0.67		0.99	1.36	1.71
31/08/2021	16 Aug 2021	0.25	0.20	0.55	0.61	0.67		0.99	1.37	1.70
31/08/2021	17 Aug 2021	0.25	0.23	0.56	0.62	0.67		1.05	1.42	1.74
31/08/2021	18 Aug 2021	0.25	0.20	0.45	0.50	0.55		0.91	1.29	1.61
31/08/2021	19 Aug 2021	0.25	0.22	0.28	0.36	0.43		0.93	1.34	1.68
31/08/2021	20 Aug 2021	0.25	0.21	0.28	0.33	0.37		0.86	1.27	1.61
31/08/2021	23 Aug 2021	0.25	0.21	0.28	0.34	0.39		0.83	1.25	1.59
31/08/2021	24 Aug 2021	0.25	0.22	0.28	0.34	0.39		0.83	1.25	1.58
31/08/2021	25 Aug 2021	0.25	0.21	0.29	0.37	0.46		0.93	1.35	1.69
31/08/2021	26 Aug 2021	0.25	0.21	0.28	0.37	0.45		0.91	1.35	1.68
31/08/2021	27 Aug 2021	0.25	0.21	0.28	0.37	0.46		0.91	1.34	1.67
31/08/2021	30 Aug 2021	0.25	0.23	0.28	0.37	0.46		0.91	1.36	1.71
31/08/2021	31 Aug 2021	0.25	0.23	0.28	0.37	0.46		0.91	1.36	1.72
30/09/2021	01 Sept 2021	0.25		0.32	0.41	0.50		0.91	1.39	1.76
30/09/2021	02 Sept 2021	0.25	0.20	0.32	0.41	0.49		0.93	1.42	1.81
30/09/2021	03 Sept 2021	0.25	0.20	0.32	0.40	0.48		0.95	1.45	1.82
30/09/2021	06 Sept 2021	0.25	0.25	0.32	0.41	0.50		0.99	1.51	1.88
30/09/2021	07 Sept 2021	0.25	0.20	0.33	0.42	0.52		1.00	1.55	1.91
30/09/2021	08 Sept 2021	0.25	0.21	0.33	0.42	0.52		1.04	1.58	1.94
30/09/2021	09 Sept 2021	0.25	0.20	0.33	0.43	0.53		1.04	1.57	1.92
30/09/2021	10 Sept 2021	0.25	0.20	0.33	0.43	0.53		1.04	1.53	1.87
30/09/2021	13 Sept 2021	0.25	0.20	0.34	0.43	0.53		1.03	1.55	1.89
30/09/2021	14 Sept 2021	0.25	0.20	0.34	0.44	0.53		1.03	1.53	1.87
30/09/2021	15 Sept 2021	0.25	0.20	0.34	0.44	0.54		1.03	1.49	1.80
30/09/2021	16 Sept 2021	0.25	0.21	0.41	0.51	0.61		1.05	1.49	1.80
30/09/2021	17 Sept 2021	0.25	0.21	0.46	0.57	0.68		1.11	1.55	1.86
30/09/2021	20 Sept 2021	0.25		0.46	0.57	0.67		1.11	1.56	1.87
30/09/2021	21 Sept 2021	0.25	0.21	0.42	0.52	0.61		1.04	1.51	1.84
30/09/2021	22 Sept 2021	0.25	0.20	0.42	0.52	0.62		1.04	1.53	1.86
30/09/2021	23 Sept 2021	0.25	0.20	0.42	0.52	0.61		1.04	1.52	1.86
30/09/2021	24 Sept 2021	0.25	0.20	0.42	0.52	0.62		1.01	1.52	1.90
30/09/2021	27 Sept 2021	0.25	0.20	0.43	0.53	0.63		1.01	1.53	1.91
30/09/2021	28 Sept 2021	0.25	0.20	0.44	0.54	0.64		1.01	1.56	1.94
30/09/2021	29 Sept 2021	0.25	0.20	0.45	0.55	0.65		1.01	1.56	1.96
30/09/2021	30 Sept 2021	0.25	0.20	0.45	0.55	0.65		1.00	1.55	1.97
31/10/2021	01 Oct 2021	0.25		0.46	0.55	0.63		1.00	1.53	1.99
31/10/2021	04 Oct 2021	0.25	0.20	0.45	0.53	0.61		1.00	1.52	2.01
31/10/2021	05 Oct 2021	0.25	0.20	0.47	0.55	0.62		0.98	1.50	1.98
31/10/2021	06 Oct 2021	0.25		0.49	0.57	0.64		0.97	1.50	1.99
31/10/2021	07 Oct 2021	0.50		0.53	0.59	0.65		0.98	1.50	2.00
31/10/2021	08 Oct 2021	0.50		0.53	0.60	0.66		0.98	1.52	2.02
31/10/2021	11 Oct 2021	0.50		0.53	0.60	0.66		1.00	1.56	2.07
31/10/2021	12 Oct 2021	0.50		0.53	0.60	0.66		1.03	1.62	2.13
31/10/2021	13 Oct 2021	0.50		0.53	0.61	0.68		1.05	1.62	2.09
31/10/2021	14 Oct 2021	0.50		0.53	0.61	0.68	1.05		1.66	2.10
31/10/2021	15 Oct 2021	0.50		0.53	0.61	0.69	1.07		1.66	2.11
31/10/2021	18 Oct 2021	0.50	0.48	0.59	0.67	0.74	1.18		1.81	2.25
31/10/2021	19 Oct 2021	0.50	0.50	0.57	0.68	0.78	1.38		1.99	2.36
31/10/2021	20 Oct 2021	0.50	0.50	0.56	0.66	0.75	1.36		1.99	2.35
31/10/2021	21 Oct 2021	0.50		0.56	0.65	0.74	1.36		1.98	2.37
31/10/2021	22 Oct 2021	0.50		0.56	0.65	0.74	1.36		2.03	2.43
31/10/2021	26 Oct 2021	0.50		0.57	0.66	0.74	1.36		2.02	2.39
31/10/2021	27 Oct 2021	0.50		0.57	0.66	0.75	1.42		2.10	2.46
31/10/2021	28 Oct 2021	0.50		0.58	0.68	0.78	1.53		2.24	2.53
31/10/2021	29 Oct 2021	0.50		0.59	0.70	0.80	1.60	2.12	2.41	2.61
30/11/2021	01 Nov 2021	0.50	0.46	0.68	0.74	0.81	1.55	2.02	2.32	2.54
30/11/2021	02 Nov 2021	0.50	0.47	0.67	0.73	0.80	1.54	2.01	2.31	2.52
30/11/2021	03 Nov 2021	0.50	0.46	0.67	0.73	0.80	1.56	2.07	2.33	2.52
30/11/2021	04 Nov 2021	0.50	0.47	0.68	0.74	0.80	1.60	2.07	2.36	2.56
30/11/2021	05 Nov 2021	0.50		0.68	0.74	0.80	1.59	2.01	2.30	2.50
30/11/2021	08 Nov 2021	0.50	0.50	0.69	0.76	0.82	1.59	1.98	2.28	2.49
30/11/2021	09 Nov 2021	0.50		0.70	0.76	0.82	1.59	2.01	2.32	2.53
30/11/2021	10 Nov 2021	0.50		0.73	0.78	0.83	1.59	1.99	2.30	2.51
30/11/2021	11 Nov 2021	0.50	0.48	0.73	0.79	0.84	1.62	2.08	2.41	2.64
30/11/2021	12 Nov 2021	0.50	0.48	0.73	0.79	0.85	1.63	2.08	2.40	2.64
30/11/2021	15 Nov 2021	0.50	0.45	0.76	0.80	0.85	1.63	2.06	2.37	2.66
30/11/2021	16 Nov 2021	0.50	0.48	0.81	0.84	0.86	1.63	2.07	2.38	2.67
30/11/2021	17 Nov 2021	0.50	0.57	0.81	0.84	0.86	1.63	2.09	2.40	2.70
30/11/2021	18 Nov 2021	0.50		0.81	0.84	0.87	1.63	2.06	2.36	2.65
30/11/2021	19 Nov 2021	0.50	0.52	0.81	0.84	0.87	1.66	2.11	2.38	2.62

30/11/2021	22 Nov 2021	0.50	0.48	0.81	0.84	0.87	1.66	2.10	2.39	2.60
30/11/2021	23 Nov 2021	0.50	0.49	0.81	0.84	0.87	1.66	2.12	2.41	2.62
30/11/2021	24 Nov 2021	0.50	0.48	0.81	0.84	0.87	1.65	2.10	2.40	2.61
30/11/2021	25 Nov 2021	0.75	0.73	0.78	0.79	0.80	1.51	1.97	2.31	2.57
30/11/2021	26 Nov 2021	0.75	0.70	0.78	0.79	0.80	1.50	1.95	2.31	2.58
30/11/2021	29 Nov 2021	0.75	0.70	0.78	0.79	0.80	1.39	1.79	2.16	2.44
30/11/2021	30 Nov 2021	0.75	0.81	0.78	0.80	0.81	1.43	1.83	2.20	2.48
31/12/2021	01 Dec 2021	0.75	0.72	0.78	0.82	0.86	1.43	1.82	2.18	2.45
31/12/2021	02 Dec 2021	0.75	0.75	0.78	0.82	0.86	1.45	1.82	2.15	2.40
31/12/2021	03 Dec 2021	0.75	0.78	0.78	0.83	0.87	1.50	1.95	2.23	2.43
31/12/2021	06 Dec 2021	0.75	0.70	0.78	0.83	0.88	1.50	1.90	2.16	2.35
31/12/2021	07 Dec 2021	0.75	0.70	0.78	0.83	0.88	1.50	2.00	2.24	2.41
31/12/2021	08 Dec 2021	0.75	0.76	0.78	0.83	0.88	1.54	2.08	2.31	2.46
31/12/2021	09 Dec 2021	0.75	0.73	0.78	0.84	0.89	1.54	2.09	2.31	2.47
31/12/2021	10 Dec 2021	0.75	0.70	0.78	0.84	0.89	1.54	2.04	2.29	2.46
31/12/2021	13 Dec 2021	0.75	0.70	0.78	0.84	0.89	1.54	2.04	2.29	2.47
31/12/2021	14 Dec 2021	0.75	0.70	0.79	0.83	0.87	1.54	1.97	2.22	2.39
31/12/2021	15 Dec 2021	0.75	0.70	0.79	0.84	0.88	1.54	2.00	2.24	2.41
31/12/2021	16 Dec 2021	0.75	0.70	0.80	0.86	0.92	1.53	1.99	2.21	2.34
31/12/2021	17 Dec 2021	0.75	0.70	0.80	0.86	0.93	1.54	2.00	2.20	2.31
31/12/2021	20 Dec 2021	0.75	0.70	0.80	0.87	0.94	1.54	1.99	2.18	2.29
31/12/2021	21 Dec 2021	0.75	0.70	0.80	0.87	0.94	1.54	1.97	2.17	2.29
31/12/2021	22 Dec 2021	0.75	0.70	0.80	0.88	0.95	1.54	1.97	2.18	2.31
31/12/2021	23 Dec 2021	0.75		0.80	0.88	0.95	1.54	1.95	2.18	2.33
31/12/2021	24 Dec 2021	0.75		0.80	0.88	0.96	1.54	1.94	2.19	2.34
31/12/2021	29 Dec 2021	0.75	0.70	0.80	0.88	0.97	1.54	1.93	2.18	2.33
31/12/2021	30 Dec 2021	0.75	0.70	0.80	0.88	0.97	1.54	1.93	2.18	2.35
31/12/2021	31 Dec 2021	0.75		0.80	0.88	0.97	1.54	1.93	2.19	2.37
31/01/2022	05 Jan 2022	0.75	0.71	0.80	0.89	0.98	1.54	1.98	2.25	2.45
31/01/2022	06 Jan 2022	0.75	0.71	0.80	0.89	0.98	1.54	2.01	2.30	2.52
31/01/2022	07 Jan 2022	0.75	0.70	0.80	0.89	0.97	1.54	2.00	2.31	2.53
31/01/2022	10 Jan 2022	0.75	0.70	0.80	0.89	0.97	1.54	2.02	2.33	2.55
31/01/2022	11 Jan 2022	0.75	0.69	0.80	0.88	0.96	1.54	2.00	2.33	2.57
31/01/2022	12 Jan 2022	0.75	0.68	0.80	0.88	0.96	1.54	2.00	2.33	2.57
31/01/2022	13 Jan 2022	0.75	0.67	0.80	0.89	0.97	1.54	1.97	2.30	2.54
31/01/2022	14 Jan 2022	0.75	0.65	0.80	0.89	0.97	1.54	1.96	2.29	2.52
31/01/2022	17 Jan 2022	0.75	0.65	0.82	0.93	1.04	1.54	1.99	2.32	2.55
31/01/2022	18 Jan 2022	0.75	0.65	0.82	0.94	1.05	1.54	2.01	2.35	2.58
31/01/2022	19 Jan 2022	0.75	0.65	0.82	0.94	1.05	1.54	2.02	2.37	2.58
31/01/2022	20 Jan 2022	0.75	0.65	0.83	0.96	1.08	1.64	2.14	2.44	2.60
31/01/2022	21 Jan 2022	0.75	0.70	0.84	0.96	1.08	1.64	2.11	2.41	2.57
31/01/2022	24 Jan 2022	0.75	0.65	0.83	0.95	1.07	1.64	2.09	2.40	2.55
31/01/2022	25 Jan 2022	0.75	0.66	0.84	0.96	1.08	1.64	2.09	2.40	2.54
31/01/2022	26 Jan 2022	0.75	0.66	0.84	0.96	1.08	1.66	2.13	2.44	2.59
31/01/2022	27 Jan 2022	0.75		0.84	0.97	1.10	1.70	2.14	2.47	2.66
31/01/2022	28 Jan 2022	0.75	0.68	0.84	0.97	1.10	1.72	2.14	2.46	2.63
31/01/2022	31 Jan 2022	0.75		0.84	0.97	1.10	1.74	2.12	2.44	2.60
28/02/2022	01 Feb 2022	0.75	0.66	0.92	1.04	1.15	1.74	2.13	2.44	2.59
28/02/2022	02 Feb 2022	0.75	0.65	0.94	1.06	1.17	1.74	2.13	2.43	2.58
28/02/2022	03 Feb 2022	0.75	0.66	0.92	1.04	1.14	1.74	2.09	2.40	2.55
28/02/2022	04 Feb 2022	0.75	0.66	0.94	1.05	1.16	1.71	2.13	2.44	2.57
28/02/2022	08 Feb 2022	0.75		0.96	1.07	1.18	1.75	2.19	2.51	2.67
28/02/2022	09 Feb 2022	0.75	0.75	0.96	1.07	1.18	1.79	2.25	2.58	2.74
28/02/2022	10 Feb 2022	0.75		0.97	1.07	1.17	1.79	2.21	2.55	2.74
28/02/2022	11 Feb 2022	0.75	0.75	0.99	1.11	1.21	1.85	2.28	2.63	2.82
28/02/2022	14 Feb 2022	0.75		1.00	1.12	1.21	1.85	2.26	2.61	2.78
28/02/2022	15 Feb 2022	0.75	0.75	1.01	1.12	1.22	1.85	2.29	2.65	2.82
28/02/2022	16 Feb 2022	0.75	0.68	1.05	1.14	1.23	1.85	2.33	2.70	2.88
28/02/2022	17 Feb 2022	0.75	0.68	1.05	1.15	1.23	1.85	2.30	2.66	2.84
28/02/2022	18 Feb 2022	0.75	0.68	1.05	1.15	1.23	1.85	2.24	2.59	2.76
28/02/2022	21 Feb 2022	0.75	0.69	1.05	1.15	1.23	1.85	2.25	2.60	2.78
28/02/2022	22 Feb 2022	0.75	0.67	1.06	1.16	1.25	1.85	2.23	2.56	2.71
28/02/2022	23 Feb 2022	0.75	0.66	1.07	1.17	1.26	1.85	2.28	2.61	2.75
28/02/2022	24 Feb 2022	1.00	0.91	1.04	1.14	1.24	1.92	2.41	2.72	2.84
28/02/2022	25 Feb 2022	1.00	0.90	1.04	1.14	1.24	1.92	2.40	2.69	2.81
28/02/2022	28 Feb 2022	1.00	0.90	1.04	1.15	1.26	1.92	2.37	2.66	2.77
31/03/2022	01 Mar 2022	1.00	0.90	1.05	1.19	1.33	1.90	2.34	2.62	2.73
31/03/2022	02 Mar 2022	1.00	0.90	1.05	1.19	1.32	1.90	2.31	2.59	2.69
31/03/2022	03 Mar 2022	1.00	0.91	1.05	1.19	1.34	1.89	2.40	2.69	2.80
31/03/2022	04 Mar 2022	1.00	0.91	1.05	1.20	1.34	1.89	2.39	2.68	2.81
31/03/2022	07 Mar 2022	1.00	0.91	1.05	1.20	1.34	1.89	2.35	2.64	2.76
31/03/2022	08 Mar 2022	1.00	1.00	1.05	1.20	1.35	1.89	2.38	2.67	2.79
31/03/2022	09 Mar 2022	1.00	0.90	1.05	1.24	1.43	2.10	2.52	2.75	2.88
31/03/2022	10 Mar 2022	1.00		1.05	1.25	1.45	2.10	2.55	2.79	2.92
31/03/2022	11 Mar 2022	1.00	0.90	1.05	1.27	1.48	2.10	2.61	2.86	3.00
31/03/2022	14 Mar 2022	1.00		1.05	1.27	1.49	2.10	2.59	2.85	2.98

31/03/2022	15 Mar 2022	1.00		1.16	1.33	1.49	2.11	2.69	2.95	3.09
31/03/2022	16 Mar 2022	1.00	1.00	1.17	1.37	1.56	2.16	2.72	3.00	3.14
31/03/2022	17 Mar 2022	1.00		1.17	1.38	1.58	2.19	2.74	3.03	3.18
31/03/2022	18 Mar 2022	1.00		1.17	1.37	1.56	2.19	2.70	3.01	3.18
31/03/2022	21 Mar 2022	1.00	0.90	1.17	1.37	1.56	2.19	2.66	2.98	3.16
31/03/2022	22 Mar 2022	1.00	0.93	1.19	1.39	1.58	2.26	2.78	3.09	3.27
31/03/2022	23 Mar 2022	1.00	0.91	1.19	1.39	1.58	2.32	2.86	3.18	3.34
31/03/2022	24 Mar 2022	1.00	0.93	1.19	1.38	1.57	2.28	2.78	3.10	3.26
31/03/2022	25 Mar 2022	1.00	0.98	1.19	1.39	1.57	2.31	2.86	3.18	3.35
31/03/2022	28 Mar 2022	1.00	0.99	1.23	1.42	1.60	2.38	2.89	3.21	3.38
31/03/2022	29 Mar 2022	1.00	0.96	1.25	1.43	1.61	2.38	2.85	3.16	3.32
31/03/2022	30 Mar 2022	1.00	0.96	1.26	1.43	1.60	2.39	2.89	3.17	3.31
31/03/2022	31 Mar 2022	1.00	1.00	1.26	1.44	1.61	2.42	2.91	3.16	3.27
30/04/2022	01 Apr 2022	1.00	0.93	1.33	1.50	1.66	2.42	2.94	3.17	3.27
30/04/2022	04 Apr 2022	1.00		1.34	1.51	1.67	2.48	2.99	3.21	3.29
30/04/2022	05 Apr 2022	1.00	1.00	1.35	1.51	1.66	2.46	2.95	3.17	3.25
30/04/2022	06 Apr 2022	1.00	1.00	1.35	1.51	1.67	2.50	3.07	3.27	3.33
30/04/2022	07 Apr 2022	1.00	0.96	1.37	1.52	1.67	2.52	3.16	3.35	3.41
30/04/2022	08 Apr 2022	1.00	0.98	1.38	1.53	1.68	2.58	3.19	3.39	3.45
30/04/2022	11 Apr 2022	1.00	0.97	1.44	1.57	1.70	2.58	3.19	3.40	3.47
30/04/2022	12 Apr 2022	1.00		1.45	1.58	1.71	2.58	3.24	3.45	3.52
30/04/2022	13 Apr 2022	1.00		1.47	1.60	1.72	2.58	3.24	3.47	3.55
30/04/2022	14 Apr 2022	1.50	1.43	1.57	1.69	1.79	2.51	3.13	3.38	3.48
30/04/2022	19 Apr 2022	1.50	1.40	1.58	1.75	1.91	2.61	3.18	3.42	3.51
30/04/2022	20 Apr 2022	1.50	1.40	1.58	1.75	1.92	2.64	3.17	3.41	3.51
30/04/2022	21 Apr 2022	1.50	1.40	1.58	1.76	1.94	2.64	3.10	3.36	3.46
30/04/2022	22 Apr 2022	1.50	1.40	1.59	1.78	1.96	2.64	3.14	3.42	3.53
30/04/2022	26 Apr 2022	1.50	1.43	1.60	1.79	1.97	2.75	3.18	3.44	3.54
30/04/2022	27 Apr 2022	1.50	1.42	1.60	1.79	1.97	2.75	3.24	3.46	3.55
30/04/2022	28 Apr 2022	1.50	1.42	1.60	1.80	1.99	2.80	3.41	3.63	3.71
30/04/2022	29 Apr 2022	1.50	1.47	1.60	1.79	1.97	2.84	3.32	3.55	3.64
31/05/2022	02 May 2022	1.50	1.42	1.75	1.92	2.08	2.92	3.35	3.59	3.68
31/05/2022	03 May 2022	1.50	1.40	1.76	1.93	2.10	2.92	3.40	3.64	3.74
31/05/2022	04 May 2022	1.50	1.50	1.77	1.94	2.11	2.94	3.45	3.69	3.78
31/05/2022	05 May 2022	1.50	1.41	1.77	1.95	2.12	2.93	3.42	3.67	3.77
31/05/2022	06 May 2022	1.50	1.41	1.77	1.95	2.12	2.95	3.45	3.68	3.81
31/05/2022	09 May 2022	1.50		1.79	1.97	2.14	2.95	3.47	3.72	3.86
31/05/2022	10 May 2022	1.50		1.80	1.98	2.15	2.88	3.36	3.61	3.76
31/05/2022	11 May 2022	1.50	1.45	1.80	1.97	2.13	2.88	3.37	3.62	3.79
31/05/2022	12 May 2022	1.50	1.42	1.82	1.99	2.15	2.80	3.33	3.59	3.76
31/05/2022	13 May 2022	1.50		1.83	1.97	2.11	2.70	3.13	3.40	3.59
31/05/2022	16 May 2022	1.50	1.42	1.87	2.00	2.13	2.66	3.15	3.42	3.61
31/05/2022	17 May 2022	1.50	1.46	1.89	2.03	2.16	2.66	3.12	3.39	3.58
31/05/2022	18 May 2022	1.50	1.44	1.90	2.06	2.21	2.68	3.20	3.47	3.67
31/05/2022	19 May 2022	1.50	1.44	1.91	2.07	2.22	2.67	3.11	3.36	3.55
31/05/2022	20 May 2022	1.50	1.44	1.92	2.08	2.23	2.67	3.11	3.36	3.56
31/05/2022	23 May 2022	1.50	1.44	1.97	2.13	2.28	2.67	3.10	3.31	3.50
31/05/2022	24 May 2022	1.50	1.43	2.00	2.16	2.31	2.67	3.14	3.34	3.53
31/05/2022	25 May 2022	1.50	1.44	2.01	2.17	2.33	2.67	3.08	3.28	3.47
31/05/2022	26 May 2022	2.00	2.05	2.03	2.21	2.40	2.83	3.27	3.41	3.56
31/05/2022	27 May 2022	2.00	1.95	2.03	2.22	2.42	2.88	3.28	3.36	3.49
31/05/2022	30 May 2022	2.00	1.93	2.03	2.24	2.45	2.88	3.32	3.40	3.53
31/05/2022	31 May 2022	2.00		2.03	2.25	2.47	2.97	3.38	3.45	3.59
30/06/2022	01 Jun 2022	2.00		2.03	2.25	2.46	2.99	3.39	3.48	3.64
30/06/2022	02 Jun 2022	2.00	1.94	2.03	2.25	2.47	2.99	3.40	3.51	3.68
30/06/2022	03 Jun 2022	2.00		2.03	2.26	2.49	2.99	3.36	3.49	3.70
30/06/2022	07 Jun 2022	2.00	2.00	2.03	2.28	2.52	2.99	3.35	3.49	3.70
30/06/2022	08 Jun 2022	2.00	1.95	2.03	2.28	2.52	3.03	3.41	3.56	3.76
30/06/2022	09 Jun 2022	2.00	1.96	2.08	2.30	2.52	3.03	3.49	3.65	3.87
30/06/2022	10 Jun 2022	2.00	1.97	2.08	2.30	2.52	3.03	3.50	3.68	3.91
30/06/2022	13 Jun 2022	2.00	1.94	2.11	2.34	2.57	3.09	3.56	3.76	4.02
30/06/2022	14 Jun 2022	2.00	1.91	2.14	2.40	2.66	3.20	3.76	3.97	4.22
30/06/2022	15 Jun 2022	2.00		2.19	2.47	2.75	3.35	3.87	4.07	4.29
30/06/2022	16 Jun 2022	2.00	1.93	2.21	2.49	2.76	3.28	3.72	3.92	4.16
30/06/2022	17 Jun 2022	2.00	1.94	2.23	2.52	2.80	3.36	3.81	4.01	4.23
30/06/2022	20 Jun 2022	2.00		2.25	2.52	2.79	3.40	3.86	4.06	4.26
30/06/2022	21 Jun 2022	2.00	1.96	2.26	2.53	2.80	3.40	3.84	4.03	4.22
30/06/2022	22 Jun 2022	2.00	2.00	2.26	2.53	2.80	3.40	3.79	4.02	4.22
30/06/2022	23 Jun 2022	2.00	2.00	2.28	2.53	2.78	3.30	3.55	3.80	4.02
30/06/2022	27 Jun 2022	2.00	2.00	2.33	2.53	2.81	3.30	3.52	3.70	3.90
30/06/2022	28 Jun 2022	2.00		2.34	2.58	2.82	3.30	3.58	3.77	3.97
30/06/2022	29 Jun 2022	2.00		2.34	2.58	2.82	3.32	3.56	3.75	3.95
30/06/2022	30 Jun 2022	2.00		2.39	2.63	2.86	3.32	3.48	3.68	3.89
31/07/2022	01 Jul 2022	2.00	1.97	2.38	2.62	2.85	3.25	3.39	3.58	3.79
31/07/2022	04 Jul 2022	2.00		2.40	2.62	2.83	3.12	3.28	3.45	3.67
31/07/2022	05 Jul 2022	2.00	1.90	2.40	2.62	2.83	3.12	3.28	3.43	3.69

31/07/2022	06 Jul 2022	2.00		2.43	2.64	2.85	3.08	3.22	3.34	3.60
31/07/2022	07 Jul 2022	2.00		2.43	2.64	2.85	3.08	3.34	3.44	3.69
31/07/2022	08 Jul 2022	2.00		2.46	2.68	2.90	3.12	3.35	3.44	3.67
31/07/2022	11 Jul 2022	2.00	1.90	2.50	2.72	2.93	3.12	3.38	3.46	3.69
31/07/2022	12 Jul 2022	2.00		2.53	2.75	2.97	3.19	3.38	3.47	3.70
31/07/2022	13 Jul 2022	2.00		2.58	2.79	3.00	3.21	3.41	3.49	3.70
31/07/2022	14 Jul 2022	2.50		2.58	2.82	3.05	3.23	3.45	3.51	3.70
31/07/2022	15 Jul 2022	2.50		2.59	2.85	3.10	3.28	3.56	3.58	3.69
31/07/2022	18 Jul 2022	2.50		2.65	2.88	3.11	3.28	3.64	3.65	3.74
31/07/2022	19 Jul 2022	2.50		2.68	2.91	3.13	3.35	3.68	3.66	3.72
31/07/2022	20 Jul 2022	2.50		2.70	2.91	3.12	3.35	3.70	3.69	3.75
31/07/2022	21 Jul 2022	2.50		2.71	2.94	3.16	3.40	3.72	3.72	3.79
31/07/2022	22 Jul 2022	2.50	2.45	2.70	2.92	3.14	3.40	3.64	3.65	3.72
31/07/2022	25 Jul 2022	2.50		2.74	2.94	3.13	3.38	3.53	3.53	3.60
31/07/2022	26 Jul 2022	2.50	2.30	2.76	2.95	3.14	3.38	3.53	3.53	3.60
31/07/2022	27 Jul 2022	2.50	2.42	2.79	2.98	3.16	3.39	3.51	3.50	3.59
31/07/2022	28 Jul 2022	2.50	2.44	2.79	2.98	3.16	3.35	3.41	3.40	3.50
31/07/2022	29 Jul 2022	2.50		2.79	2.98	3.14	3.25	3.27	3.27	3.40
31/08/2022	01 Aug 2022	2.50		2.83	3.00	3.17	3.25	3.26	3.27	3.41
31/08/2022	02 Aug 2022	2.50	2.45	2.85	3.02	3.19	3.25	3.24	3.24	3.37
31/08/2022	03 Aug 2022	2.50		2.86	3.03	3.19	3.25	3.26	3.24	3.37
31/08/2022	04 Aug 2022	2.50	2.40	2.88	3.05	3.21	3.25	3.24	3.22	3.36
31/08/2022	05 Aug 2022	2.50		2.89	3.06	3.23	3.30	3.28	3.26	3.39
31/08/2022	08 Aug 2022	2.50		2.94	3.12	3.29	3.34	3.43	3.38	3.45
31/08/2022	09 Aug 2022	2.50		2.93	3.08	3.23	3.34	3.33	3.27	3.35
31/08/2022	10 Aug 2022	2.50		2.94	3.09	3.24	3.32	3.33	3.26	3.33
31/08/2022	11 Aug 2022	2.50		2.94	3.09	3.23	3.34	3.38	3.32	3.39
31/08/2022	12 Aug 2022	2.50		2.96	3.12	3.27	3.40	3.47	3.42	3.51
31/08/2022	15 Aug 2022	2.50		2.99	3.15	3.31	3.43	3.47	3.42	3.51
31/08/2022	16 Aug 2022	2.50		3.00	3.15	3.30	3.43	3.44	3.35	3.40
31/08/2022	17 Aug 2022	2.50		3.03	3.17	3.31	3.43	3.44	3.36	3.40
31/08/2022	18 Aug 2022	3.00		3.04	3.20	3.35	3.50	3.53	3.47	3.52
31/08/2022	19 Aug 2022	3.00		3.04	3.21	3.37	3.50	3.50	3.45	3.51
31/08/2022	22 Aug 2022	3.00	2.90	3.04	3.21	3.38	3.51	3.56	3.56	3.64
31/08/2022	23 Aug 2022	3.00	2.90	3.04	3.21	3.38	3.60	3.72	3.71	3.80
31/08/2022	24 Aug 2022	3.00	2.90	3.04	3.21	3.39	3.61	3.78	3.78	3.87
31/08/2022	25 Aug 2022	3.00	2.90	3.04	3.23	3.42	3.67	3.72	3.74	3.86
31/08/2022	26 Aug 2022	3.00		3.04	3.24	3.44	3.68	3.69	3.72	3.86
31/08/2022	29 Aug 2022	3.00	2.90	3.04	3.25	3.46	3.70	3.71	3.75	3.89
31/08/2022	30 Aug 2022	3.00	2.90	3.06	3.26	3.47	3.75	3.81	3.85	3.97
31/08/2022	31 Aug 2022	3.00		3.07	3.28	3.47	3.75	3.82	3.86	3.98
30/09/2022	01 Sept 2022	3.00		3.08	3.28	3.47	3.82	3.92	3.95	4.06
30/09/2022	02 Sept 2022	3.00	2.90	3.08	3.28	3.48	3.84	3.90	3.93	4.04
30/09/2022	05 Sept 2022	3.00	2.89	3.11	3.32	3.52	3.84	3.81	3.85	3.96
30/09/2022	06 Sept 2022	3.00		3.13	3.32	3.51	3.84	3.89	3.92	4.03
30/09/2022	07 Sept 2022	3.00	2.90	3.14	3.34	3.53	3.88	3.93	3.98	4.10
30/09/2022	08 Sept 2022	3.00		3.17	3.35	3.53	3.85	3.85	3.90	4.01
30/09/2022	09 Sept 2022	3.00	2.90	3.18	3.36	3.54	3.80	3.85	3.90	4.01
30/09/2022	12 Sept 2022	3.00	2.90	3.21	3.40	3.58	3.80	3.76	3.82	3.93
30/09/2022	13 Sept 2022	3.00	2.90	3.22	3.40	3.58	3.80	3.79	3.85	3.97
30/09/2022	14 Sept 2022	3.00		3.24	3.43	3.61	3.85	3.84	3.88	4.00
30/09/2022	15 Sept 2022	3.00	2.90	3.29	3.45	3.62	3.90	3.89	3.95	4.05
30/09/2022	16 Sept 2022	3.00		3.29	3.46	3.64	3.90	3.87	3.91	4.01
30/09/2022	19 Sept 2022	3.00	2.90	3.33	3.51	3.69	3.93	4.01	4.01	4.08
30/09/2022	20 Sept 2022	3.00	2.93	3.33	3.51	3.69	3.93	3.97	3.97	4.04
30/09/2022	21 Sept 2022	3.00	2.93	3.36	3.53	3.71	3.93	3.98	3.98	4.04
30/09/2022	22 Sept 2022	3.00	2.90	3.37	3.56	3.74	3.93	4.00	3.98	4.02
30/09/2022	23 Sept 2022	3.00	2.91	3.39	3.58	3.76	3.95	4.09	4.07	4.10
30/09/2022	27 Sept 2022	3.00		3.44	3.63	3.81	4.00	4.22	4.23	4.29
30/09/2022	28 Sept 2022	3.00	2.89	3.45	3.64	3.83	4.08	4.25	4.26	4.31
30/09/2022	29 Sept 2022	3.00		3.46	3.64	3.82	3.97	4.13	4.13	4.18
30/09/2022	30 Sept 2022	3.00		3.48	3.66	3.85	3.97	4.18	4.18	4.24
31/10/2022	03 Oct 2022	3.00	2.90	3.51	3.69	3.87	4.03	4.17	4.21	4.29
31/10/2022	04 Oct 2022	3.00		3.52	3.70	3.87	4.03	4.08	4.12	4.20
31/10/2022	05 Oct 2022	3.00	2.90	3.52	3.67	3.83	3.92	3.94	3.99	4.07
31/10/2022	06 Oct 2022	3.50	3.40	3.54	3.70	3.86	3.92	4.02	4.07	4.16
31/10/2022	07 Oct 2022	3.50		3.54	3.71	3.88	3.92	4.08	4.13	4.21
31/10/2022	10 Oct 2022	3.50	3.30	3.54	3.73	3.92	4.00	4.21	4.25	4.33
31/10/2022	11 Oct 2022	3.50	3.39	3.54	3.73	3.91	4.08	4.27	4.31	4.41
31/10/2022	12 Oct 2022	3.50	3.30	3.54	3.73	3.92	4.12	4.37	4.41	4.51
31/10/2022	13 Oct 2022	3.50		3.54	3.75	3.95	4.08	4.35	4.39	4.49
31/10/2022	14 Oct 2022	3.50		3.54	3.76	3.98	4.16	4.41	4.45	4.55
31/10/2022	17 Oct 2022	3.50	3.40	3.54	3.78	4.01	4.17	4.39	4.44	4.53
31/10/2022	18 Oct 2022	3.50	3.40	3.58	3.80	4.04	4.25	4.50	4.54	4.61
31/10/2022	19 Oct 2022	3.50	3.40	3.62	3.85	4.10	4.32	4.50	4.52	4.58
31/10/2022	20 Oct 2022	3.50		3.63	3.89	4.15	4.44	4.77	4.78	4.77

31/10/2022	21 Oct 2022	3.50	3.40	3.63	3.88	4.13	4.35	4.68	4.69	4.69
31/10/2022	25 Oct 2022	3.50	3.40	3.69	3.88	4.13	4.35	4.56	4.58	4.59
31/10/2022	26 Oct 2022	3.50		3.75	3.94	4.13	4.30	4.45	4.46	4.48
31/10/2022	27 Oct 2022	3.50		3.75	3.92	4.09	4.30	4.38	4.37	4.36
31/10/2022	28 Oct 2022	3.50		3.73	3.89	4.06	4.26	4.25	4.19	4.22
31/10/2022	31 Oct 2022	3.50		3.79	3.93	4.10	4.37	4.37	4.28	4.26
30/11/2022	01 Nov 2022	3.50		3.81	3.97	4.14	4.41	4.40	4.29	4.26
30/11/2022	02 Nov 2022	3.50	3.40	3.83	4.00	4.16	4.49	4.48	4.36	4.31
30/11/2022	03 Nov 2022	3.50	3.40	3.89	4.03	4.17	4.71	4.70	4.59	4.56
30/11/2022	04 Nov 2022	3.50	3.39	3.89	4.03	4.17	4.66	4.66	4.56	4.58
30/11/2022	07 Nov 2022	3.50		3.92	4.05	4.17	4.58	4.58	4.49	4.51
30/11/2022	08 Nov 2022	3.50	3.40	3.95	4.07	4.19	4.69	4.69	4.60	4.62
30/11/2022	09 Nov 2022	3.50		3.99	4.10	4.21	4.64	4.63	4.54	4.56
30/11/2022	10 Nov 2022	3.50		4.00	4.09	4.19	4.58	4.57	4.48	4.52
30/11/2022	11 Nov 2022	3.50	3.40	3.95	4.04	4.13	4.28	4.27	4.17	4.23
30/11/2022	14 Nov 2022	3.50	3.40	4.02	4.08	4.15	4.33	4.31	4.21	4.27
30/11/2022	15 Nov 2022	3.50	3.41	4.04	4.10	4.16	4.38	4.37	4.27	4.33
30/11/2022	16 Nov 2022	3.50	3.40	4.06	4.11	4.15	4.28	4.26	4.16	4.19
30/11/2022	17 Nov 2022	3.50	3.40	4.08	4.12	4.16	4.25	4.23	4.11	4.13
30/11/2022	18 Nov 2022	3.50	3.40	4.10	4.15	4.20	4.28	4.26	4.14	4.16
30/11/2022	21 Nov 2022	3.50	3.40	4.16	4.20	4.23	4.35	4.33	4.20	4.21
30/11/2022	22 Nov 2022	3.50		4.21	4.26	4.31	4.41	4.39	4.25	4.24
30/11/2022	23 Nov 2022	3.50	3.39	4.23	4.28	4.32	4.35	4.33	4.16	4.11
30/11/2022	24 Nov 2022	4.25	4.14	4.32	4.36	4.39	4.68	4.59	4.31	4.20
30/11/2022	25 Nov 2022	4.25	4.15	4.32	4.36	4.40	4.69	4.60	4.26	4.08
30/11/2022	28 Nov 2022	4.25		4.32	4.37	4.42	4.76	4.68	4.32	4.14
30/11/2022	29 Nov 2022	4.25	4.20	4.32	4.37	4.42	4.70	4.61	4.23	4.05
30/11/2022	30 Nov 2022	4.25		4.32	4.37	4.42	4.76	4.67	4.29	4.11
31/12/2022	01 Dec 2022	4.25	4.19	4.32	4.37	4.41	4.66	4.54	4.17	4.00
31/12/2022	02 Dec 2022	4.25	4.18	4.32	4.37	4.43	4.68	4.50	4.14	4.03
31/12/2022	05 Dec 2022	4.25	4.18	4.32	4.38	4.45	4.67	4.45	4.09	3.99
31/12/2022	06 Dec 2022	4.25	4.15	4.32	4.39	4.45	4.67	4.44	4.07	3.97
31/12/2022	07 Dec 2022	4.25		4.32	4.40	4.47	4.73	4.49	4.10	4.01
31/12/2022	08 Dec 2022	4.25		4.32	4.40	4.47	4.80	4.53	4.10	4.03
31/12/2022	09 Dec 2022	4.25	4.16	4.32	4.41	4.49	4.86	4.55	4.11	4.04
31/12/2022	12 Dec 2022	4.25		4.32	4.42	4.51	4.88	4.61	4.16	4.09
31/12/2022	13 Dec 2022	4.25	4.15	4.32	4.42	4.51	4.91	4.63	4.18	4.11
31/12/2022	14 Dec 2022	4.25	4.15	4.32	4.42	4.52	4.94	4.67	4.22	4.14
31/12/2022	15 Dec 2022	4.25	4.19	4.32	4.43	4.53	5.00	4.74	4.28	4.20
31/12/2022	16 Dec 2022	4.25	4.20	4.32	4.44	4.55	5.09	4.85	4.35	4.28
31/12/2022	19 Dec 2022	4.25	4.15	4.32	4.45	4.58	5.09	4.86	4.36	4.30
31/12/2022	20 Dec 2022	4.25		4.32	4.45	4.59	5.07	4.83	4.33	4.28
31/12/2022	21 Dec 2022	4.25		4.32	4.45	4.60	5.08	4.85	4.36	4.34
31/12/2022	22 Dec 2022	4.25	4.20	4.32	4.40	4.59	5.06	4.80	4.34	4.34
31/12/2022	23 Dec 2022	4.25	4.19	4.32	4.41	4.61	5.05	4.83	4.37	4.37
31/12/2022	28 Dec 2022	4.25		4.32	4.49	4.65	5.12	4.92	4.47	4.46
31/12/2022	29 Dec 2022	4.25		4.32	4.47	4.65	5.12	4.94	4.53	4.55
31/12/2022	30 Dec 2022	4.25	4.19	4.32	4.46	4.65	5.12	4.88	4.48	4.48
31/01/2023	04 Jan 2023	4.25	4.18	4.32	4.52	4.71	5.12	4.82	4.41	4.41
31/01/2023	05 Jan 2023	4.25		4.32	4.52	4.73	5.08	4.74	4.31	4.31
31/01/2023	06 Jan 2023	4.25		4.32	4.52	4.76	5.05	4.79	4.36	4.34
31/01/2023	09 Jan 2023	4.25		4.32	4.55	4.77	5.00	4.66	4.23	4.22
31/01/2023	10 Jan 2023	4.25		4.32	4.55	4.77	4.99	4.68	4.25	4.24
31/01/2023	11 Jan 2023	4.25		4.32	4.56	4.77	4.99	4.69	4.26	4.25
31/01/2023	12 Jan 2023	4.25		4.32	4.55	4.78	4.96	4.57	4.14	4.13
31/01/2023	13 Jan 2023	4.25	4.23	4.32	4.57	4.79	4.88	4.45	4.03	4.02
31/01/2023	16 Jan 2023	4.25		4.32	4.61	4.82	4.88	4.52	4.09	4.09
31/01/2023	17 Jan 2023	4.25		4.34	4.61	4.82	4.88	4.50	4.07	4.07
31/01/2023	18 Jan 2023	4.25		4.38	4.62	4.81	4.88	4.54	4.11	4.12
31/01/2023	19 Jan 2023	4.25		4.39	4.62	4.81	4.82	4.39	3.97	3.99
31/01/2023	20 Jan 2023	4.25		4.39	4.63	4.83	4.84	4.42	3.95	3.99
31/01/2023	23 Jan 2023	4.25		4.44	4.66	4.87	4.87	4.49	4.01	4.05
31/01/2023	24 Jan 2023	4.25		4.46	4.68	4.88	4.87	4.52	4.04	4.09
31/01/2023	25 Jan 2023	4.25		4.50	4.70	4.90	4.87	4.47	4.00	4.04
31/01/2023	26 Jan 2023	4.25		4.48	4.66	4.85	4.82	4.45	3.99	4.08
31/01/2023	27 Jan 2023	4.25		4.48	4.67	4.86	4.82	4.43	3.97	4.07
31/01/2023	30 Jan 2023	4.25		4.49	4.71	4.88	4.82	4.44	3.99	4.10
31/01/2023	31 Jan 2023	4.25		4.51	4.75	4.91	4.82	4.51	4.06	4.18
28/02/2023	01 Feb 2023	4.25		4.52	4.74	4.89	4.82	4.43	3.98	4.10
28/02/2023	02 Feb 2023	4.25	4.16	4.53	4.74	4.91	4.73	4.39	3.98	4.13
28/02/2023	03 Feb 2023	4.25	4.19	4.54	4.73	4.89	4.63	4.24	3.83	3.98
28/02/2023	07 Feb 2023	4.25		4.61	4.81	4.95	4.68	4.39	3.97	4.10
28/02/2023	08 Feb 2023	4.25		4.63	4.83	4.96	4.75	4.46	4.04	4.14
28/02/2023	09 Feb 2023	4.25	4.26	4.66	4.85	4.97	4.78	4.45	4.02	4.12
28/02/2023	10 Feb 2023	4.25		4.69	4.88	5.00	4.90	4.58	4.13	4.20
28/02/2023	13 Feb 2023	4.25		4.75	4.93	5.07	4.94	4.67	4.21	4.24

28/02/2023	14 Feb 2023	4.25		4.77	4.95	5.10	4.98	4.74	4.27	4.28
28/02/2023	15 Feb 2023	4.25		4.75	4.94	5.06	4.95	4.71	4.31	4.33
28/02/2023	16 Feb 2023	4.25		4.75	4.91	5.04	4.95	4.74	4.32	4.33
28/02/2023	17 Feb 2023	4.25		4.70	4.85	4.95	4.95	4.67	4.32	4.35
28/02/2023	20 Feb 2023	4.25		4.71	4.86	4.98	4.92	4.62	4.29	4.33
28/02/2023	21 Feb 2023	4.25		4.75	4.91	5.00	4.93	4.65	4.32	4.36
28/02/2023	22 Feb 2023	4.25		4.75	4.93	5.03	5.06	4.82	4.45	4.49
28/02/2023	23 Feb 2023	4.75		4.82	4.99	5.08	5.10	4.88	4.51	4.55
28/02/2023	24 Feb 2023	4.75		4.82	4.99	5.10	5.18	5.01	4.65	4.68
28/02/2023	27 Feb 2023	4.75		4.82	5.01	5.14	5.19	5.00	4.62	4.64
28/02/2023	28 Feb 2023	4.75		4.82	5.02	5.13	5.19	5.00	4.62	4.64
31/03/2023	01 Mar 2023	4.75		4.88	5.02	5.15	5.19	4.98	4.61	4.62
31/03/2023	02 Mar 2023	4.75		4.88	5.03	5.15	5.18	4.95	4.59	4.59
31/03/2023	03 Mar 2023	4.75		4.88	5.03	5.16	5.20	5.04	4.68	4.68
31/03/2023	06 Mar 2023	4.75		4.93	5.05	5.18	5.23	5.00	4.65	4.66
31/03/2023	07 Mar 2023	4.75		4.94	5.06	5.18	5.25	5.07	4.70	4.69
31/03/2023	08 Mar 2023	4.75		4.94	5.08	5.19	5.25	4.99	4.61	4.58
31/03/2023	09 Mar 2023	4.75		4.95	5.10	5.23	5.29	5.08	4.67	4.60
31/03/2023	10 Mar 2023	4.75		4.95	5.09	5.22	5.29	5.01	4.59	4.50
31/03/2023	13 Mar 2023	4.75		4.95	5.06	5.19	5.15	4.82	4.39	4.32
31/03/2023	14 Mar 2023	4.75		4.88	4.95	5.01	5.05	4.63	4.25	4.23
31/03/2023	15 Mar 2023	4.75	4.75	4.93	5.01	5.09	5.06	4.75	4.37	4.36
31/03/2023	16 Mar 2023	4.75		4.90	4.94	5.01	4.95	4.65	4.28	4.28
31/03/2023	17 Mar 2023	4.75		4.94	5.01	5.14	5.05	4.80	4.46	4.44
31/03/2023	20 Mar 2023	4.75		4.94	5.01	5.13	5.05	4.68	4.34	4.30
31/03/2023	21 Mar 2023	4.75		4.95	5.01	5.13	4.90	4.54	4.22	4.18
31/03/2023	22 Mar 2023	4.75		4.97	5.03	5.15	4.90	4.58	4.26	4.21
31/03/2023	23 Mar 2023	4.75		4.97	5.01	5.15	4.84	4.49	4.19	4.13
31/03/2023	24 Mar 2023	4.75		4.98	5.02	5.15	4.82	4.44	4.15	4.13
31/03/2023	27 Mar 2023	4.75		5.00	5.09	5.17	4.79	4.39	4.10	4.11
31/03/2023	28 Mar 2023	4.75		5.01	5.09	5.17	4.79	4.38	4.09	4.10
31/03/2023	29 Mar 2023	4.75		5.03	5.11	5.19	4.82	4.43	4.11	4.11
31/03/2023	30 Mar 2023	4.75		5.05	5.13	5.22	4.88	4.55	4.20	4.17
31/03/2023	31 Mar 2023	4.75		5.06	5.14	5.23	4.94	4.62	4.25	4.20
30/04/2023	03 Apr 2023	4.75		5.09	5.17	5.24	4.94	4.62	4.24	4.18
30/04/2023	04 Apr 2023	4.75		5.10	5.17	5.25	4.94	4.56	4.11	4.04
30/04/2023	05 Apr 2023	4.75	4.73	5.11	5.18	5.25	4.94	4.56	4.11	4.05
30/04/2023	06 Apr 2023	5.25		5.33	5.41	5.49	5.15	4.69	4.14	4.00
30/04/2023	11 Apr 2023	5.25		5.33	5.41	5.52	5.13	4.59	4.06	4.00
30/04/2023	12 Apr 2023	5.25		5.33	5.43	5.52	5.13	4.59	4.07	4.01
30/04/2023	13 Apr 2023	5.25		5.33	5.43	5.53	5.13	4.53	4.04	4.02
30/04/2023	14 Apr 2023	5.25		5.33	5.43	5.54	5.13	4.57	4.09	4.09
30/04/2023	17 Apr 2023	5.25		5.33	5.44	5.55	5.13	4.63	4.14	4.15
30/04/2023	18 Apr 2023	5.25		5.33	5.44	5.54	5.15	4.67	4.17	4.16
30/04/2023	19 Apr 2023	5.25		5.34	5.45	5.56	5.20	4.79	4.29	4.29
30/04/2023	20 Apr 2023	5.25		5.36	5.45	5.54	5.24	4.73	4.25	4.27
30/04/2023	21 Apr 2023	5.25		5.36	5.47	5.56	5.18	4.67	4.16	4.18
30/04/2023	24 Apr 2023	5.25		5.37	5.46	5.56	5.18	4.63	4.12	4.14
30/04/2023	26 Apr 2023	5.25		5.38	5.46	5.54	5.14	4.52	4.02	4.06
30/04/2023	27 Apr 2023	5.25		5.40	5.46	5.53	5.14	4.53	4.03	4.08
30/04/2023	28 Apr 2023	5.25	5.28	5.41	5.48	5.56	5.20	4.57	4.07	4.12
31/05/2023	01 May 2023	5.25	5.32	5.42	5.50	5.58	5.20	4.53	3.98	4.02
31/05/2023	02 May 2023	5.25	5.35	5.45	5.52	5.59	5.20	4.66	4.09	4.13
31/05/2023	03 May 2023	5.25		5.46	5.52	5.59	5.23	4.71	4.09	4.11
31/05/2023	04 May 2023	5.25		5.47	5.54	5.60	5.22	4.67	4.04	4.06
31/05/2023	05 May 2023	5.25		5.49	5.55	5.62	5.22	4.63	4.02	4.10
31/05/2023	08 May 2023	5.25		5.49	5.55	5.62	5.22	4.72	4.10	4.14
31/05/2023	09 May 2023	5.25		5.50	5.56	5.62	5.25	4.77	4.15	4.20
31/05/2023	10 May 2023	5.25		5.51	5.57	5.62	5.25	4.70	4.10	4.17
31/05/2023	11 May 2023	5.25		5.50	5.56	5.61	5.23	4.63	4.05	4.12
31/05/2023	12 May 2023	5.25		5.51	5.56	5.60	5.23	4.60	4.01	4.08
31/05/2023	15 May 2023	5.25		5.51	5.55	5.58	5.19	4.54	3.96	4.05
31/05/2023	16 May 2023	5.25		5.55	5.59	5.64	5.25	4.63	4.05	4.12
31/05/2023	17 May 2023	5.25		5.54	5.59	5.65	5.25	4.67	4.08	4.16
31/05/2023	18 May 2023	5.25		5.57	5.63	5.70	5.34	4.78	4.19	4.26
31/05/2023	19 May 2023	5.25		5.63	5.72	5.79	5.52	5.04	4.41	4.41
31/05/2023	22 May 2023	5.25		5.68	5.77	5.82	5.57	5.08	4.43	4.42
31/05/2023	23 May 2023	5.25		5.67	5.75	5.83	5.57	5.03	4.40	4.40
31/05/2023	24 May 2023	5.25		5.70	5.77	5.87	5.63	5.14	4.49	4.46
31/05/2023	25 May 2023	5.50		5.60	5.63	5.69	5.37	4.83	4.30	4.40
31/05/2023	26 May 2023	5.50		5.60	5.63	5.69	5.37	4.88	4.34	4.42
31/05/2023	29 May 2023	5.50		5.61	5.63	5.70	5.37	4.88	4.33	4.41
31/05/2023	30 May 2023	5.50		5.60	5.66	5.71	5.38	4.81	4.25	4.33
31/05/2023	31 May 2023	5.50		5.60	5.65	5.69	5.32	4.74	4.18	4.27
30/06/2023	01 Jun 2023	5.50		5.61	5.65	5.68	5.36	4.78	4.21	4.28
30/06/2023	02 Jun 2023	5.50		5.60	5.65	5.68	5.36	4.77	4.21	4.27

30/06/2023	06 Jun 2023	5.50		5.60	5.65	5.69	5.36	4.89	4.35	4.44
30/06/2023	07 Jun 2023	5.50		5.60	5.65	5.69	5.37	4.91	4.35	4.43
30/06/2023	08 Jun 2023	5.50		5.60	5.65	5.69	5.39	5.00	4.45	4.55
30/06/2023	09 Jun 2023	5.50		5.60	5.64	5.68	5.39	4.98	4.41	4.49
30/06/2023	12 Jun 2023	5.50		5.60	5.64	5.69	5.39	5.02	4.43	4.51
30/06/2023	13 Jun 2023	5.50		5.60	5.64	5.69	5.39	5.03	4.44	4.51
30/06/2023	14 Jun 2023	5.50		5.60	5.64	5.68	5.39	5.09	4.49	4.55
30/06/2023	15 Jun 2023	5.50		5.60	5.64	5.68	5.41	5.06	4.45	4.50
30/06/2023	16 Jun 2023	5.50		5.60	5.64	5.68	5.39	5.02	4.41	4.45
30/06/2023	19 Jun 2023	5.50		5.60	5.64	5.68	5.39	5.07	4.47	4.49
30/06/2023	20 Jun 2023	5.50		5.60	5.64	5.67	5.41	5.05	4.43	4.47
30/06/2023	21 Jun 2023	5.50		5.60	5.64	5.68	5.41	5.01	4.39	4.43
30/06/2023	22 Jun 2023	5.50		5.60	5.64	5.68	5.41	5.06	4.44	4.48
30/06/2023	23 Jun 2023	5.50		5.60	5.64	5.69	5.43	5.14	4.52	4.55
30/06/2023	26 Jun 2023	5.50		5.60	5.65	5.69	5.43	5.09	4.47	4.48
30/06/2023	27 Jun 2023	5.50		5.61	5.65	5.69	5.43	5.08	4.46	4.47
30/06/2023	28 Jun 2023	5.50		5.61	5.65	5.69	5.43	5.13	4.51	4.54
30/06/2023	29 Jun 2023	5.50	5.40	5.61	5.65	5.69	5.42	5.11	4.46	4.51
30/06/2023	30 Jun 2023	5.50		5.61	5.65	5.71	5.42	5.27	4.62	4.67
31/07/2023	03 Jul 2023	5.50		5.61	5.66	5.70	5.42	5.28	4.60	4.62
31/07/2023	04 Jul 2023	5.50		5.62	5.66	5.69	5.42	5.31	4.60	4.60
31/07/2023	05 Jul 2023	5.50		5.62	5.66	5.68	5.50	5.39	4.67	4.67
31/07/2023	06 Jul 2023	5.50		5.62	5.65	5.68	5.50	5.42	4.72	4.72
31/07/2023	07 Jul 2023	5.50		5.62	5.65	5.70	5.55	5.53	4.83	4.80
31/07/2023	10 Jul 2023	5.50		5.62	5.66	5.70	5.60	5.59	4.88	4.82
31/07/2023	11 Jul 2023	5.50		5.62	5.64	5.68	5.63	5.52	4.88	4.84
31/07/2023	12 Jul 2023	5.50		5.61	5.65	5.69	5.70	5.42	4.78	4.74
31/07/2023	13 Jul 2023	5.50		5.60	5.63	5.65	5.58	5.24	4.65	4.62
31/07/2023	17 Jul 2023	5.50		5.60	5.63	5.65	5.58	5.20	4.58	4.52
31/07/2023	18 Jul 2023	5.50		5.60	5.63	5.65	5.58	5.19	4.58	4.51
31/07/2023	19 Jul 2023	5.50	5.51	5.60	5.63	5.65	5.58	5.23	4.60	4.52
31/07/2023	20 Jul 2023	5.50		5.61	5.64	5.66	5.62	5.29	4.63	4.53
31/07/2023	21 Jul 2023	5.50	5.50	5.61	5.64	5.67	5.65	5.37	4.71	4.60
31/07/2023	24 Jul 2023	5.50	5.50	5.61	5.63	5.66	5.65	5.38	4.72	4.61
31/07/2023	25 Jul 2023	5.50		5.61	5.64	5.66	5.66	5.38	4.71	4.61
31/07/2023	26 Jul 2023	5.50		5.61	5.64	5.67	5.67	5.41	4.75	4.66
31/07/2023	27 Jul 2023	5.50		5.62	5.64	5.66	5.67	5.37	4.72	4.64
31/07/2023	28 Jul 2023	5.50		5.62	5.64	5.67	5.67	5.43	4.77	4.73
31/07/2023	31 Jul 2023	5.50	5.38	5.62	5.64	5.67	5.67	5.33	4.68	4.63
31/08/2023	01 Aug 2023	5.50	5.39	5.62	5.64	5.66	5.67	5.38	4.71	4.68
31/08/2023	02 Aug 2023	5.50		5.62	5.64	5.67	5.67	5.39	4.74	4.73
31/08/2023	03 Aug 2023	5.50		5.62	5.64	5.67	5.67	5.39	4.75	4.76
31/08/2023	04 Aug 2023	5.50	5.36	5.61	5.64	5.64	5.67	5.43	4.81	4.82
31/08/2023	07 Aug 2023	5.50		5.61	5.63	5.64	5.67	5.37	4.74	4.74
31/08/2023	08 Aug 2023	5.50	5.45	5.61	5.63	5.64	5.68	5.39	4.75	4.76
31/08/2023	09 Aug 2023	5.50	5.38	5.61	5.63	5.64	5.68	5.38	4.74	4.74
31/08/2023	10 Aug 2023	5.50		5.61	5.63	5.63	5.68	5.42	4.78	4.78
31/08/2023	11 Aug 2023	5.50		5.61	5.62	5.64	5.68	5.45	4.82	4.83
31/08/2023	14 Aug 2023	5.50		5.61	5.63	5.64	5.68	5.45	4.85	4.88
31/08/2023	15 Aug 2023	5.50		5.61	5.63	5.65	5.68	5.49	4.91	4.94
31/08/2023	16 Aug 2023	5.50	5.42	5.61	5.63	5.64	5.68	5.48	4.90	4.95
31/08/2023	17 Aug 2023	5.50	5.37	5.61	5.63	5.64	5.68	5.51	4.93	4.98
31/08/2023	18 Aug 2023	5.50	5.52	5.61	5.63	5.64	5.68	5.55	4.98	5.02
31/08/2023	21 Aug 2023	5.50	5.52	5.61	5.63	5.64	5.68	5.55	4.98	5.03
31/08/2023	22 Aug 2023	5.50	5.38	5.61	5.63	5.64	5.68	5.60	5.04	5.09
31/08/2023	23 Aug 2023	5.50		5.61	5.63	5.64	5.68	5.65	5.09	5.14
31/08/2023	24 Aug 2023	5.50	5.38	5.60	5.63	5.63	5.66	5.52	4.96	4.99
31/08/2023	25 Aug 2023	5.50	5.38	5.60	5.62	5.63	5.67	5.54	4.98	5.00
31/08/2023	28 Aug 2023	5.50	5.42	5.60	5.62	5.64	5.67	5.53	4.98	5.00
31/08/2023	29 Aug 2023	5.50		5.60	5.62	5.65	5.67	5.55	5.01	5.01
31/08/2023	30 Aug 2023	5.50	5.39	5.60	5.62	5.64	5.67	5.49	4.95	4.95
31/08/2023	31 Aug 2023	5.50		5.60	5.63	5.65	5.67	5.46	4.92	4.91
30/09/2023	01 Sept 2023	5.50		5.60	5.63	5.65	5.67	5.44	4.88	4.85
30/09/2023	04 Sept 2023	5.50		5.60	5.63	5.65	5.67	5.45	4.89	4.85
30/09/2023	05 Sept 2023	5.50		5.60	5.63	5.66	5.67	5.50	4.96	4.96
30/09/2023	06 Sept 2023	5.50		5.60	5.63	5.65	5.67	5.53	5.01	5.01
30/09/2023	07 Sept 2023	5.50		5.60	5.63	5.66	5.67	5.52	5.01	5.01
30/09/2023	08 Sept 2023	5.50		5.60	5.63	5.66	5.67	5.51	4.99	4.97
30/09/2023	11 Sept 2023	5.50		5.60	5.63	5.66	5.67	5.50	4.98	4.95
30/09/2023	12 Sept 2023	5.50	5.39	5.60	5.63	5.67	5.67	5.53	5.01	4.99
30/09/2023	13 Sept 2023	5.50	5.38	5.60	5.63	5.67	5.67	5.51	5.00	4.99
30/09/2023	14 Sept 2023	5.50		5.60	5.63	5.66	5.67	5.51	4.99	4.98
30/09/2023	15 Sept 2023	5.50		5.60	5.63	5.66	5.67	5.49	4.97	4.94
30/09/2023	18 Sept 2023	5.50		5.60	5.63	5.66	5.68	5.52	5.01	4.98
30/09/2023	19 Sept 2023	5.50		5.60	5.64	5.67	5.68	5.55	5.03	5.01
30/09/2023	20 Sept 2023	5.50		5.61	5.64	5.67	5.68	5.61	5.10	5.06

30/09/2023	21 Sept 2023	5.50		5.61	5.65	5.69	5.68	5.73	5.20	5.16
30/09/2023	22 Sept 2023	5.50		5.62	5.66	5.70	5.68	5.73	5.22	5.19
30/09/2023	25 Sept 2023	5.50		5.62	5.67	5.72	5.68	5.68	5.18	5.16
30/09/2023	26 Sept 2023	5.50		5.62	5.67	5.71	5.68	5.70	5.21	5.20
30/09/2023	27 Sept 2023	5.50		5.62	5.67	5.71	5.68	5.70	5.21	5.20
30/09/2023	28 Sept 2023	5.50		5.62	5.67	5.73	5.77	5.72	5.25	5.26
30/09/2023	29 Sept 2023	5.50		5.62	5.68	5.74	5.77	5.71	5.25	5.26
31/10/2023	02 Oct 2023	5.50	5.43	5.62	5.68	5.73	5.79	5.72	5.26	5.29
31/10/2023	03 Oct 2023	5.50	5.33	5.63	5.68	5.72	5.80	5.83	5.39	5.44
31/10/2023	04 Oct 2023	5.50	5.36	5.63	5.68	5.72	5.80	5.82	5.40	5.49
31/10/2023	05 Oct 2023	5.50		5.61	5.66	5.70	5.78	5.72	5.38	5.47
31/10/2023	06 Oct 2023	5.50		5.61	5.65	5.69	5.78	5.72	5.40	5.50
31/10/2023	09 Oct 2023	5.50		5.62	5.65	5.70	5.78	5.69	5.39	5.49
31/10/2023	10 Oct 2023	5.50		5.61	5.65	5.68	5.76	5.65	5.35	5.44
31/10/2023	11 Oct 2023	5.50		5.61	5.65	5.68	5.76	5.65	5.35	5.44
31/10/2023	12 Oct 2023	5.50		5.61	5.65	5.68	5.74	5.57	5.27	5.35
31/10/2023	13 Oct 2023	5.50	5.36	5.61	5.66	5.70	5.74	5.62	5.34	5.41
31/10/2023	16 Oct 2023	5.50	5.38	5.61	5.66	5.71	5.74	5.64	5.31	5.39
31/10/2023	17 Oct 2023	5.50		5.61	5.66	5.69	5.70	5.60	5.31	5.39
31/10/2023	18 Oct 2023	5.50		5.61	5.64	5.66	5.70	5.63	5.40	5.49
31/10/2023	19 Oct 2023	5.50		5.61	5.64	5.66	5.70	5.61	5.43	5.55
31/10/2023	20 Oct 2023	5.50		5.61	5.64	5.67	5.70	5.61	5.45	5.59
31/10/2023	24 Oct 2023	5.50		5.60	5.63	5.65	5.70	5.61	5.36	5.51
31/10/2023	25 Oct 2023	5.50	5.52	5.60	5.62	5.64	5.70	5.60	5.28	5.44
31/10/2023	26 Oct 2023	5.50	5.38	5.60	5.63	5.65	5.70	5.59	5.33	5.50
31/10/2023	27 Oct 2023	5.50		5.60	5.63	5.64	5.70	5.60	5.28	5.46
31/10/2023	30 Oct 2023	5.50	5.38	5.60	5.62	5.64	5.70	5.60	5.30	5.48
31/10/2023	31 Oct 2023	5.50	5.46	5.60	5.62	5.64	5.70	5.60	5.35	5.53
30/11/2023	01 Nov 2023	5.50	5.38	5.60	5.62	5.64	5.68	5.57	5.34	5.54
30/11/2023	02 Nov 2023	5.50	5.37	5.58	5.61	5.64	5.66	5.47	5.18	5.38
30/11/2023	03 Nov 2023	5.50		5.57	5.60	5.63	5.42	5.07	5.05	5.24
30/11/2023	06 Nov 2023	5.50		5.58	5.61	5.63	5.40	5.09	5.06	5.25
30/11/2023	07 Nov 2023	5.50		5.59	5.61	5.63	5.39	5.09	5.06	5.25
30/11/2023	08 Nov 2023	5.50		5.59	5.61	5.63	5.35	5.01	4.97	5.15
30/11/2023	09 Nov 2023	5.50	5.36	5.59	5.61	5.62	5.33	5.00	4.92	5.08
30/11/2023	10 Nov 2023	5.50	5.44	5.59	5.61	5.62	5.33	5.06	4.98	5.15
30/11/2023	13 Nov 2023	5.50	5.33	5.59	5.61	5.62	5.33	5.07	5.00	5.17
30/11/2023	14 Nov 2023	5.50		5.59	5.61	5.63	5.31	5.08	5.01	5.18
30/11/2023	15 Nov 2023	5.50		5.58	5.61	5.64	5.22	4.97	4.87	5.05
30/11/2023	16 Nov 2023	5.50	5.37	5.57	5.61	5.64	5.18	5.00	4.91	5.10
30/11/2023	17 Nov 2023	5.50		5.58	5.61	5.63	5.15	4.84	4.75	4.95
30/11/2023	20 Nov 2023	5.50		5.58	5.61	5.63	5.13	4.83	4.74	4.93
30/11/2023	21 Nov 2023	5.50	5.50	5.58	5.61	5.63	5.15	4.85	4.75	4.94
30/11/2023	22 Nov 2023	5.50	5.44	5.58	5.61	5.63	5.17	4.85	4.75	4.93
30/11/2023	23 Nov 2023	5.50	5.47	5.58	5.61	5.63	5.24	4.95	4.83	5.00
30/11/2023	24 Nov 2023	5.50		5.58	5.60	5.62	5.27	5.01	4.87	5.00
30/11/2023	27 Nov 2023	5.50	5.52	5.58	5.61	5.63	5.29	5.04	4.90	5.03
30/11/2023	28 Nov 2023	5.50		5.58	5.61	5.62	5.27	4.96	4.83	4.98
30/11/2023	29 Nov 2023	5.50	5.52	5.58	5.60	5.62	5.23	4.92	4.79	4.97
30/11/2023	30 Nov 2023	5.50		5.58	5.60	5.62	5.23	4.95	4.79	4.93
31/12/2023	01 Dec 2023	5.50		5.58	5.60	5.63	5.23	4.98	4.83	5.01
31/12/2023	04 Dec 2023	5.50		5.58	5.60	5.63	5.23	4.93	4.78	4.97
31/12/2023	05 Dec 2023	5.50		5.58	5.60	5.63	5.23	4.94	4.80	4.99
31/12/2023	06 Dec 2023	5.50		5.58	5.61	5.64	5.19	4.84	4.67	4.84
31/12/2023	07 Dec 2023	5.50		5.57	5.61	5.63	5.23	4.90	4.72	4.87
31/12/2023	08 Dec 2023	5.50		5.57	5.60	5.63	5.23	4.95	4.75	4.89
31/12/2023	11 Dec 2023	5.50		5.57	5.60	5.63	5.24	4.98	4.79	4.95
31/12/2023	12 Dec 2023	5.50		5.57	5.60	5.63	5.24	4.98	4.78	4.92
31/12/2023	13 Dec 2023	5.50		5.57	5.60	5.63	5.24	4.95	4.76	4.90
31/12/2023	14 Dec 2023	5.50		5.57	5.60	5.63	5.10	4.70	4.53	4.70
31/12/2023	15 Dec 2023	5.50		5.58	5.60	5.62	5.01	4.55	4.39	4.59
31/12/2023	18 Dec 2023	5.50		5.58	5.60	5.62	5.01	4.56	4.37	4.56
31/12/2023	19 Dec 2023	5.50		5.58	5.60	5.63	5.01	4.58	4.39	4.57
31/12/2023	20 Dec 2023	5.50		5.58	5.61	5.63	5.02	4.59	4.39	4.55
31/12/2023	21 Dec 2023	5.50		5.58	5.61	5.62	5.02	4.46	4.25	4.46
31/12/2023	22 Dec 2023	5.50		5.58	5.60	5.62	5.02	4.52	4.32	4.54
31/12/2023	27 Dec 2023	5.50	5.35	5.58	5.60	5.64	5.02	4.49	4.29	4.51
31/12/2023	28 Dec 2023	5.50		5.58	5.61	5.64	5.02	4.36	4.14	4.37
31/12/2023	29 Dec 2023	5.50		5.58	5.61	5.64	5.00	4.40	4.15	4.38
31/01/2024	03 Jan 2024	5.50		5.58	5.61	5.64	5.00	4.47	4.21	4.44
31/01/2024	04 Jan 2024	5.50		5.58	5.61	5.64	5.05	4.52	4.27	4.51
31/01/2024	05 Jan 2024	5.50		5.58	5.61	5.64	5.05	4.59	4.35	4.62
31/01/2024	08 Jan 2024	5.50		5.58	5.61	5.64	5.05	4.62	4.38	4.65
31/01/2024	09 Jan 2024	5.50		5.58	5.61	5.64	5.08	4.58	4.34	4.61
31/01/2024	10 Jan 2024	5.50		5.58	5.61	5.64	5.08	4.56	4.33	4.64
31/01/2024	11 Jan 2024	5.50		5.58	5.61	5.64	5.08	4.62	4.39	4.71

31/01/2024 12 Jan 2024	5.50	5.58	5.61	5.64	5.07	4.56	4.33	4.65
31/01/2024 15 Jan 2024	5.50	5.58	5.61	5.64	5.06	4.48	4.26	4.58

Appendix B - Item 7

Note: The rate must be:
 - taken from the 10 year column
 - the last 60 months
 - must run from January to December

The 1 cent difference is not material

Month/Year	PD&D provided Rate	RB rates Check	variance
Jan 2020	1.48	1.48	0.00
Feb 2020	1.28	1.28	0.00
Mar 2020	1.08	1.09	- 0.01
Apr 2020	0.95	0.95	0.00
May 2020	0.64	0.64	0.00
Jun 2020	0.90	0.90	0.00
Jul 2020	0.91	0.91	0.00
Aug 2020	0.68	0.68	0.00
Sept 2020	0.56	0.56	0.00
Oct 2020	0.54	0.54	0.00
Nov 2020	0.75	0.76	- 0.01
Dec 2020	0.92	0.93	- 0.01
Jan 2021	1.04	1.04	0.00
Feb 2021	1.46	1.46	0.00
Mar 2021	1.76	1.76	0.00
Apr 2021	1.68	1.68	0.00
May 2021	1.81	1.81	0.00
Jun 2021	1.76	1.76	0.00
Jul 2021	1.59	1.59	0.00
Aug 2021	1.65	1.65	0.00
Sept 2021	1.87	1.87	0.00
Oct 2021	2.21	2.21	0.00
Nov 2021	2.57	2.58	- 0.00
Dec 2021	2.38	2.38	0.00
Jan 2022	2.56	2.56	0.00
Feb 2022	2.74	2.74	0.00
Mar 2022	3.07	3.07	0.00
Apr 2022	3.47	3.47	0.00
May 2022	3.64	3.64	0.00
Jun 2022	3.98	3.98	0.00
Jul 2022	3.67	3.67	0.00
Aug 2022	3.57	3.57	0.00
Sept 2022	4.07	4.07	0.00
Oct 2022	4.41	4.42	- 0.01
Nov 2022	4.29	4.29	0.00
Dec 2022	4.20	4.20	0.00
Jan 2023	4.14	4.14	0.00
Feb 2023	4.31	4.32	- 0.01
Mar 2023	4.35	4.36	- 0.01
Apr 2023	4.11	4.11	0.00
May 2023	4.23	4.23	0.00
Jun 2023	4.48	4.48	0.00
Jul 2023	4.65	4.65	0.00
Aug 2023	4.90	4.90	0.00
Sept 2023	5.05	5.05	0.00
Oct 2023	5.46	5.46	0.00
Nov 2023	5.10	5.10	0.00
Dec 2023	4.71	4.71	0.00
Jan 2024	4.65	4.65	0.00
Feb 2024	4.81	4.81	0.00
Mar 2024	4.65	4.65	0.00
Apr 2024	4.83	4.83	0.00
May 2024	4.75	4.75	0.00
Jun 2024	4.64	4.65	- 0.01
Jul 2024	4.51	4.51	0.00
Aug 2024	4.22	4.23	- 0.01
Sept 2024	4.19	4.19	0.00
Oct 2024	4.39	4.39	0.00
Nov 2024	4.62	4.63	- 0.01
Dec 2024	4.49	4.49	0.00
Total	186.38		

Total for the last 5 years 186.38
 Monthly average over the last 5 years 3.11

Add 0.74% 3.85 Note: 0.74% is per Student Loan Scheme Act 2011.
 Add 1% based on the Cabinet decision at BEFU 24 1
 SLS interest rate 4.85
SLS interest rate (Rounded) 4.9

Late Payment Interest (LPI)

Annual rate = **interest rate + 4%** Note: 4% is per Student Loan Scheme Act 2011.
Annual rate = 8.90

Monthly rate = $(1 + \text{annual rate})^{(1/12)} - 1$
 Monthly rate = 0.007130
Monthly rate (truncated [not rounded] to 3 places) = 0.713%

Reduced Late Payment Interest (rLPI)

Annual rate = **interest rate + 2%** Note: 2% is per Student Loan Scheme Act 2011.
Annual rate = 6.90

Monthly rate = $(1 + \text{annual rate})^{(1/12)} - 1$
 Monthly rate = 0.005576
Monthly rate (truncated [not rounded] to 3 places) = 0.557%

Data downloaded date: 27/1/2025

[Reserve Bank 10 year government bond yields hb2-daily](#)

Rates are downloaded from Reserve Bank

Notes	Secondary market government bond yields 10 year %pa
Unit	
Series Id	
03 Jan 2020 31 Jan 2020	1.62
06 Jan 2020 31 Jan 2020	1.56
07 Jan 2020 31 Jan 2020	1.52
08 Jan 2020 31 Jan 2020	1.50
09 Jan 2020 31 Jan 2020	1.49
10 Jan 2020 31 Jan 2020	1.48
13 Jan 2020 31 Jan 2020	1.47
14 Jan 2020 31 Jan 2020	1.49
15 Jan 2020 31 Jan 2020	1.50
16 Jan 2020 31 Jan 2020	1.50
17 Jan 2020 31 Jan 2020	1.52
20 Jan 2020 31 Jan 2020	1.53
21 Jan 2020 31 Jan 2020	1.55
22 Jan 2020 31 Jan 2020	1.54
23 Jan 2020 31 Jan 2020	1.52
24 Jan 2020 31 Jan 2020	1.48
27 Jan 2020 31 Jan 2020	1.43
28 Jan 2020 31 Jan 2020	1.36
29 Jan 2020 31 Jan 2020	1.36
30 Jan 2020 31 Jan 2020	1.34
31 Jan 2020 31 Jan 2020	1.30
03 Feb 2020 29 Feb 2020	1.25
04 Feb 2020 29 Feb 2020	1.23
05 Feb 2020 29 Feb 2020	1.31
07 Feb 2020 29 Feb 2020	1.36
10 Feb 2020 29 Feb 2020	1.29
11 Feb 2020 29 Feb 2020	1.26
12 Feb 2020 29 Feb 2020	1.31
13 Feb 2020 29 Feb 2020	1.45
14 Feb 2020 29 Feb 2020	1.40
17 Feb 2020 29 Feb 2020	1.36
18 Feb 2020 29 Feb 2020	1.34
19 Feb 2020 29 Feb 2020	1.33
20 Feb 2020 29 Feb 2020	1.34
21 Feb 2020 29 Feb 2020	1.27
24 Feb 2020 29 Feb 2020	1.21
25 Feb 2020 29 Feb 2020	1.19
26 Feb 2020 29 Feb 2020	1.20
27 Feb 2020 29 Feb 2020	1.17
28 Feb 2020 29 Feb 2020	1.07
02 Mar 2020 31 Mar 2020	0.93
03 Mar 2020 31 Mar 2020	1.06
04 Mar 2020 31 Mar 2020	0.95
05 Mar 2020 31 Mar 2020	1.08
06 Mar 2020 31 Mar 2020	1.04
09 Mar 2020 31 Mar 2020	0.87

10 Mar 2020	31 Mar 2020	0.86
11 Mar 2020	31 Mar 2020	1.00
12 Mar 2020	31 Mar 2020	1.01
13 Mar 2020	31 Mar 2020	1.10
16 Mar 2020	31 Mar 2020	1.03
17 Mar 2020	31 Mar 2020	1.10
18 Mar 2020	31 Mar 2020	1.40
19 Mar 2020	31 Mar 2020	1.63
20 Mar 2020	31 Mar 2020	1.56
23 Mar 2020	31 Mar 2020	0.94
24 Mar 2020	31 Mar 2020	0.96
25 Mar 2020	31 Mar 2020	1.06
26 Mar 2020	31 Mar 2020	1.10
27 Mar 2020	31 Mar 2020	1.11
30 Mar 2020	31 Mar 2020	1.03
31 Mar 2020	31 Mar 2020	1.06
01 Apr 2020	30 Apr 2020	1.12
02 Apr 2020	30 Apr 2020	1.11
03 Apr 2020	30 Apr 2020	1.11
06 Apr 2020	30 Apr 2020	0.98
07 Apr 2020	30 Apr 2020	1.09
08 Apr 2020	30 Apr 2020	1.09
09 Apr 2020	30 Apr 2020	1.08
14 Apr 2020	30 Apr 2020	0.91
15 Apr 2020	30 Apr 2020	0.96
16 Apr 2020	30 Apr 2020	0.94
17 Apr 2020	30 Apr 2020	0.92
20 Apr 2020	30 Apr 2020	0.91
21 Apr 2020	30 Apr 2020	0.89
22 Apr 2020	30 Apr 2020	0.89
23 Apr 2020	30 Apr 2020	0.92
24 Apr 2020	30 Apr 2020	0.87
28 Apr 2020	30 Apr 2020	0.76
29 Apr 2020	30 Apr 2020	0.70
30 Apr 2020	30 Apr 2020	0.79
01 May 2020	31 May 2020	0.68
04 May 2020	31 May 2020	0.59
05 May 2020	31 May 2020	0.57
06 May 2020	31 May 2020	0.60
07 May 2020	31 May 2020	0.70
08 May 2020	31 May 2020	0.59
11 May 2020	31 May 2020	0.58
12 May 2020	31 May 2020	0.59
13 May 2020	31 May 2020	0.58
14 May 2020	31 May 2020	0.49
15 May 2020	31 May 2020	0.65
18 May 2020	31 May 2020	0.64
19 May 2020	31 May 2020	0.68
20 May 2020	31 May 2020	0.65
21 May 2020	31 May 2020	0.70
22 May 2020	31 May 2020	0.62
25 May 2020	31 May 2020	0.61
26 May 2020	31 May 2020	0.65
27 May 2020	31 May 2020	0.71
28 May 2020	31 May 2020	0.72
29 May 2020	31 May 2020	0.78

02 Jun 2020	30 Jun 2020	0.83
03 Jun 2020	30 Jun 2020	0.86
04 Jun 2020	30 Jun 2020	0.94
05 Jun 2020	30 Jun 2020	0.95
08 Jun 2020	30 Jun 2020	1.01
09 Jun 2020	30 Jun 2020	0.99
10 Jun 2020	30 Jun 2020	0.94
11 Jun 2020	30 Jun 2020	0.86
12 Jun 2020	30 Jun 2020	0.81
15 Jun 2020	30 Jun 2020	0.80
16 Jun 2020	30 Jun 2020	0.83
17 Jun 2020	30 Jun 2020	0.85
18 Jun 2020	30 Jun 2020	0.85
19 Jun 2020	30 Jun 2020	0.90
22 Jun 2020	30 Jun 2020	0.87
23 Jun 2020	30 Jun 2020	0.92
24 Jun 2020	30 Jun 2020	0.97
25 Jun 2020	30 Jun 2020	0.94
26 Jun 2020	30 Jun 2020	0.95
29 Jun 2020	30 Jun 2020	0.91
30 Jun 2020	30 Jun 2020	0.91
01 Jul 2020	31 Jul 2020	0.93
02 Jul 2020	31 Jul 2020	1.00
03 Jul 2020	31 Jul 2020	0.96
06 Jul 2020	31 Jul 2020	0.96
07 Jul 2020	31 Jul 2020	1.00
08 Jul 2020	31 Jul 2020	0.96
09 Jul 2020	31 Jul 2020	0.98
10 Jul 2020	31 Jul 2020	0.99
13 Jul 2020	31 Jul 2020	1.00
14 Jul 2020	31 Jul 2020	0.96
15 Jul 2020	31 Jul 2020	0.94
16 Jul 2020	31 Jul 2020	0.94
17 Jul 2020	31 Jul 2020	0.91
20 Jul 2020	31 Jul 2020	0.88
21 Jul 2020	31 Jul 2020	0.87
22 Jul 2020	31 Jul 2020	0.83
23 Jul 2020	31 Jul 2020	0.86
24 Jul 2020	31 Jul 2020	0.83
27 Jul 2020	31 Jul 2020	0.83
28 Jul 2020	31 Jul 2020	0.84
29 Jul 2020	31 Jul 2020	0.81
30 Jul 2020	31 Jul 2020	0.82
31 Jul 2020	31 Jul 2020	0.77
03 Aug 2020	31 Aug 2020	0.74
04 Aug 2020	31 Aug 2020	0.74
05 Aug 2020	31 Aug 2020	0.72
06 Aug 2020	31 Aug 2020	0.78
07 Aug 2020	31 Aug 2020	0.77
10 Aug 2020	31 Aug 2020	0.77
11 Aug 2020	31 Aug 2020	0.78
12 Aug 2020	31 Aug 2020	0.78
13 Aug 2020	31 Aug 2020	0.73
14 Aug 2020	31 Aug 2020	0.68
17 Aug 2020	31 Aug 2020	0.67
18 Aug 2020	31 Aug 2020	0.69

19 Aug 2020	31 Aug 2020	0.67
20 Aug 2020	31 Aug 2020	0.66
21 Aug 2020	31 Aug 2020	0.62
24 Aug 2020	31 Aug 2020	0.62
25 Aug 2020	31 Aug 2020	0.57
26 Aug 2020	31 Aug 2020	0.55
27 Aug 2020	31 Aug 2020	0.58
28 Aug 2020	31 Aug 2020	0.59
31 Aug 2020	31 Aug 2020	0.61
01 Sept 2020	30 Sept 2020	0.63
02 Sept 2020	30 Sept 2020	0.59
03 Sept 2020	30 Sept 2020	0.62
04 Sept 2020	30 Sept 2020	0.62
07 Sept 2020	30 Sept 2020	0.61
08 Sept 2020	30 Sept 2020	0.62
09 Sept 2020	30 Sept 2020	0.57
10 Sept 2020	30 Sept 2020	0.60
11 Sept 2020	30 Sept 2020	0.60
14 Sept 2020	30 Sept 2020	0.60
15 Sept 2020	30 Sept 2020	0.61
16 Sept 2020	30 Sept 2020	0.60
17 Sept 2020	30 Sept 2020	0.58
18 Sept 2020	30 Sept 2020	0.55
21 Sept 2020	30 Sept 2020	0.54
22 Sept 2020	30 Sept 2020	0.53
23 Sept 2020	30 Sept 2020	0.51
24 Sept 2020	30 Sept 2020	0.48
25 Sept 2020	30 Sept 2020	0.45
28 Sept 2020	30 Sept 2020	0.44
29 Sept 2020	30 Sept 2020	0.45
30 Sept 2020	30 Sept 2020	0.46
01 Oct 2020	31 Oct 2020	0.52
02 Oct 2020	31 Oct 2020	0.50
05 Oct 2020	31 Oct 2020	0.50
06 Oct 2020	31 Oct 2020	0.54
07 Oct 2020	31 Oct 2020	0.50
08 Oct 2020	31 Oct 2020	0.56
09 Oct 2020	31 Oct 2020	0.54
12 Oct 2020	31 Oct 2020	0.54
13 Oct 2020	31 Oct 2020	0.58
14 Oct 2020	31 Oct 2020	0.58
15 Oct 2020	31 Oct 2020	0.57
16 Oct 2020	31 Oct 2020	0.54
19 Oct 2020	31 Oct 2020	0.54
20 Oct 2020	31 Oct 2020	0.54
21 Oct 2020	31 Oct 2020	0.56
22 Oct 2020	31 Oct 2020	0.58
23 Oct 2020	31 Oct 2020	0.59
27 Oct 2020	31 Oct 2020	0.57
28 Oct 2020	31 Oct 2020	0.55
29 Oct 2020	31 Oct 2020	0.50
30 Oct 2020	31 Oct 2020	0.51
02 Nov 2020	30 Nov 2020	0.53
03 Nov 2020	30 Nov 2020	0.54
04 Nov 2020	30 Nov 2020	0.55
05 Nov 2020	30 Nov 2020	0.54

06 Nov 2020	30 Nov 2020	0.53
09 Nov 2020	30 Nov 2020	0.58
10 Nov 2020	30 Nov 2020	0.70
11 Nov 2020	30 Nov 2020	0.76
12 Nov 2020	30 Nov 2020	0.84
13 Nov 2020	30 Nov 2020	0.84
16 Nov 2020	30 Nov 2020	0.83
17 Nov 2020	30 Nov 2020	0.88
18 Nov 2020	30 Nov 2020	0.89
19 Nov 2020	30 Nov 2020	0.86
20 Nov 2020	30 Nov 2020	0.82
23 Nov 2020	30 Nov 2020	0.80
24 Nov 2020	30 Nov 2020	0.81
25 Nov 2020	30 Nov 2020	0.89
26 Nov 2020	30 Nov 2020	0.92
27 Nov 2020	30 Nov 2020	0.89
30 Nov 2020	30 Nov 2020	0.87
01 Dec 2020	31 Dec 2020	0.85
02 Dec 2020	31 Dec 2020	0.89
03 Dec 2020	31 Dec 2020	0.92
04 Dec 2020	31 Dec 2020	0.89
07 Dec 2020	31 Dec 2020	0.94
08 Dec 2020	31 Dec 2020	0.94
09 Dec 2020	31 Dec 2020	0.91
10 Dec 2020	31 Dec 2020	0.93
11 Dec 2020	31 Dec 2020	0.89
14 Dec 2020	31 Dec 2020	0.86
15 Dec 2020	31 Dec 2020	0.86
16 Dec 2020	31 Dec 2020	0.88
17 Dec 2020	31 Dec 2020	0.92
18 Dec 2020	31 Dec 2020	0.95
21 Dec 2020	31 Dec 2020	0.96
22 Dec 2020	31 Dec 2020	0.95
23 Dec 2020	31 Dec 2020	0.96
24 Dec 2020	31 Dec 2020	0.98
29 Dec 2020	31 Dec 2020	0.98
30 Dec 2020	31 Dec 2020	0.99
31 Dec 2020	31 Dec 2020	0.99
05 Jan 2021	31 Jan 2021	0.95
06 Jan 2021	31 Jan 2021	0.94
07 Jan 2021	31 Jan 2021	1.00
08 Jan 2021	31 Jan 2021	1.05
11 Jan 2021	31 Jan 2021	1.05
12 Jan 2021	31 Jan 2021	1.08
13 Jan 2021	31 Jan 2021	1.10
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15 Jan 2021	31 Jan 2021	1.08
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19 Jan 2021	31 Jan 2021	1.01
20 Jan 2021	31 Jan 2021	1.01
21 Jan 2021	31 Jan 2021	1.04
22 Jan 2021	31 Jan 2021	1.07
25 Jan 2021	31 Jan 2021	1.06
26 Jan 2021	31 Jan 2021	1.03
27 Jan 2021	31 Jan 2021	1.03
28 Jan 2021	31 Jan 2021	1.07

29 Jan 2021	31 Jan 2021	1.10
01 Feb 2021	28 Feb 2021	1.15
02 Feb 2021	28 Feb 2021	1.19
03 Feb 2021	28 Feb 2021	1.27
04 Feb 2021	28 Feb 2021	1.35
05 Feb 2021	28 Feb 2021	1.37
09 Feb 2021	28 Feb 2021	1.40
10 Feb 2021	28 Feb 2021	1.40
11 Feb 2021	28 Feb 2021	1.37
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15 Feb 2021	28 Feb 2021	1.34
16 Feb 2021	28 Feb 2021	1.42
17 Feb 2021	28 Feb 2021	1.51
18 Feb 2021	28 Feb 2021	1.51
19 Feb 2021	28 Feb 2021	1.51
22 Feb 2021	28 Feb 2021	1.59
23 Feb 2021	28 Feb 2021	1.69
24 Feb 2021	28 Feb 2021	1.63
25 Feb 2021	28 Feb 2021	1.79
26 Feb 2021	28 Feb 2021	2.02
01 Mar 2021	31 Mar 2021	1.76
02 Mar 2021	31 Mar 2021	1.75
03 Mar 2021	31 Mar 2021	1.73
04 Mar 2021	31 Mar 2021	1.80
05 Mar 2021	31 Mar 2021	1.89
08 Mar 2021	31 Mar 2021	1.91
09 Mar 2021	31 Mar 2021	1.91
10 Mar 2021	31 Mar 2021	1.82
11 Mar 2021	31 Mar 2021	1.77
12 Mar 2021	31 Mar 2021	1.69
15 Mar 2021	31 Mar 2021	1.79
16 Mar 2021	31 Mar 2021	1.80
17 Mar 2021	31 Mar 2021	1.73
18 Mar 2021	31 Mar 2021	1.79
19 Mar 2021	31 Mar 2021	1.84
22 Mar 2021	31 Mar 2021	1.82
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09 Apr 2021	30 Apr 2021	1.71
12 Apr 2021	30 Apr 2021	1.74
13 Apr 2021	30 Apr 2021	1.75
14 Apr 2021	30 Apr 2021	1.69
15 Apr 2021	30 Apr 2021	1.72
16 Apr 2021	30 Apr 2021	1.64
19 Apr 2021	30 Apr 2021	1.64
20 Apr 2021	30 Apr 2021	1.63
21 Apr 2021	30 Apr 2021	1.61

22 Apr 2021	30 Apr 2021	1.58
23 Apr 2021	30 Apr 2021	1.56
27 Apr 2021	30 Apr 2021	1.60
28 Apr 2021	30 Apr 2021	1.63
29 Apr 2021	30 Apr 2021	1.61
30 Apr 2021	30 Apr 2021	1.62
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04 May 2021	31 May 2021	1.68
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06 May 2021	31 May 2021	1.72
07 May 2021	31 May 2021	1.70
10 May 2021	31 May 2021	1.73
11 May 2021	31 May 2021	1.78
12 May 2021	31 May 2021	1.81
13 May 2021	31 May 2021	1.90
14 May 2021	31 May 2021	1.88
17 May 2021	31 May 2021	1.89
18 May 2021	31 May 2021	1.90
19 May 2021	31 May 2021	1.89
20 May 2021	31 May 2021	1.88
21 May 2021	31 May 2021	1.87
24 May 2021	31 May 2021	1.82
25 May 2021	31 May 2021	1.78
26 May 2021	31 May 2021	1.76
27 May 2021	31 May 2021	1.88
28 May 2021	31 May 2021	1.88
31 May 2021	31 May 2021	1.85
01 Jun 2021	30 Jun 2021	1.80
02 Jun 2021	30 Jun 2021	1.74
03 Jun 2021	30 Jun 2021	1.77
04 Jun 2021	30 Jun 2021	1.81
08 Jun 2021	30 Jun 2021	1.82
09 Jun 2021	30 Jun 2021	1.77
10 Jun 2021	30 Jun 2021	1.71
11 Jun 2021	30 Jun 2021	1.67
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28 Jun 2021	30 Jun 2021	1.83
29 Jun 2021	30 Jun 2021	1.79
30 Jun 2021	30 Jun 2021	1.77
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02 Jul 2021	31 Jul 2021	1.72
05 Jul 2021	31 Jul 2021	1.67
06 Jul 2021	31 Jul 2021	1.69
07 Jul 2021	31 Jul 2021	1.64
08 Jul 2021	31 Jul 2021	1.63
09 Jul 2021	31 Jul 2021	1.54
12 Jul 2021	31 Jul 2021	1.54

13 Jul 2021	31 Jul 2021	1.54
14 Jul 2021	31 Jul 2021	1.59
15 Jul 2021	31 Jul 2021	1.64
16 Jul 2021	31 Jul 2021	1.67
19 Jul 2021	31 Jul 2021	1.61
20 Jul 2021	31 Jul 2021	1.54
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22 Jul 2021	31 Jul 2021	1.60
23 Jul 2021	31 Jul 2021	1.52
26 Jul 2021	31 Jul 2021	1.50
27 Jul 2021	31 Jul 2021	1.52
28 Jul 2021	31 Jul 2021	1.52
29 Jul 2021	31 Jul 2021	1.51
30 Jul 2021	31 Jul 2021	1.51
02 Aug 2021	31 Aug 2021	1.52
03 Aug 2021	31 Aug 2021	1.51
04 Aug 2021	31 Aug 2021	1.58
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06 Aug 2021	31 Aug 2021	1.62
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16 Aug 2021	31 Aug 2021	1.70
17 Aug 2021	31 Aug 2021	1.74
18 Aug 2021	31 Aug 2021	1.61
19 Aug 2021	31 Aug 2021	1.68
20 Aug 2021	31 Aug 2021	1.61
23 Aug 2021	31 Aug 2021	1.59
24 Aug 2021	31 Aug 2021	1.58
25 Aug 2021	31 Aug 2021	1.69
26 Aug 2021	31 Aug 2021	1.68
27 Aug 2021	31 Aug 2021	1.67
30 Aug 2021	31 Aug 2021	1.71
31 Aug 2021	31 Aug 2021	1.72
01 Sept 2021	30 Sept 2021	1.76
02 Sept 2021	30 Sept 2021	1.81
03 Sept 2021	30 Sept 2021	1.82
06 Sept 2021	30 Sept 2021	1.88
07 Sept 2021	30 Sept 2021	1.91
08 Sept 2021	30 Sept 2021	1.94
09 Sept 2021	30 Sept 2021	1.92
10 Sept 2021	30 Sept 2021	1.87
13 Sept 2021	30 Sept 2021	1.89
14 Sept 2021	30 Sept 2021	1.87
15 Sept 2021	30 Sept 2021	1.80
16 Sept 2021	30 Sept 2021	1.80
17 Sept 2021	30 Sept 2021	1.86
20 Sept 2021	30 Sept 2021	1.87
21 Sept 2021	30 Sept 2021	1.84
22 Sept 2021	30 Sept 2021	1.86
23 Sept 2021	30 Sept 2021	1.86
24 Sept 2021	30 Sept 2021	1.90
27 Sept 2021	30 Sept 2021	1.91
28 Sept 2021	30 Sept 2021	1.94

29 Sept 2021	30 Sept 2021	1.96
30 Sept 2021	30 Sept 2021	1.97
01 Oct 2021	31 Oct 2021	1.99
04 Oct 2021	31 Oct 2021	2.01
05 Oct 2021	31 Oct 2021	1.98
06 Oct 2021	31 Oct 2021	1.99
07 Oct 2021	31 Oct 2021	2.00
08 Oct 2021	31 Oct 2021	2.02
11 Oct 2021	31 Oct 2021	2.07
12 Oct 2021	31 Oct 2021	2.13
13 Oct 2021	31 Oct 2021	2.09
14 Oct 2021	31 Oct 2021	2.10
15 Oct 2021	31 Oct 2021	2.11
18 Oct 2021	31 Oct 2021	2.25
19 Oct 2021	31 Oct 2021	2.36
20 Oct 2021	31 Oct 2021	2.35
21 Oct 2021	31 Oct 2021	2.37
22 Oct 2021	31 Oct 2021	2.43
26 Oct 2021	31 Oct 2021	2.39
27 Oct 2021	31 Oct 2021	2.46
28 Oct 2021	31 Oct 2021	2.53
29 Oct 2021	31 Oct 2021	2.61
01 Nov 2021	30 Nov 2021	2.54
02 Nov 2021	30 Nov 2021	2.52
03 Nov 2021	30 Nov 2021	2.52
04 Nov 2021	30 Nov 2021	2.56
05 Nov 2021	30 Nov 2021	2.50
08 Nov 2021	30 Nov 2021	2.49
09 Nov 2021	30 Nov 2021	2.53
10 Nov 2021	30 Nov 2021	2.51
11 Nov 2021	30 Nov 2021	2.64
12 Nov 2021	30 Nov 2021	2.64
15 Nov 2021	30 Nov 2021	2.66
16 Nov 2021	30 Nov 2021	2.67
17 Nov 2021	30 Nov 2021	2.70
18 Nov 2021	30 Nov 2021	2.65
19 Nov 2021	30 Nov 2021	2.62
22 Nov 2021	30 Nov 2021	2.60
23 Nov 2021	30 Nov 2021	2.62
24 Nov 2021	30 Nov 2021	2.61
25 Nov 2021	30 Nov 2021	2.57
26 Nov 2021	30 Nov 2021	2.58
29 Nov 2021	30 Nov 2021	2.44
30 Nov 2021	30 Nov 2021	2.48
01 Dec 2021	31 Dec 2021	2.45
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06 Dec 2021	31 Dec 2021	2.35
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08 Dec 2021	31 Dec 2021	2.46
09 Dec 2021	31 Dec 2021	2.47
10 Dec 2021	31 Dec 2021	2.46
13 Dec 2021	31 Dec 2021	2.47
14 Dec 2021	31 Dec 2021	2.39
15 Dec 2021	31 Dec 2021	2.41
16 Dec 2021	31 Dec 2021	2.34

17 Dec 2021	31 Dec 2021	2.31
20 Dec 2021	31 Dec 2021	2.29
21 Dec 2021	31 Dec 2021	2.29
22 Dec 2021	31 Dec 2021	2.31
23 Dec 2021	31 Dec 2021	2.33
24 Dec 2021	31 Dec 2021	2.34
29 Dec 2021	31 Dec 2021	2.33
30 Dec 2021	31 Dec 2021	2.35
31 Dec 2021	31 Dec 2021	2.37
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17 Jan 2022	31 Jan 2022	2.55
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24 Jan 2022	31 Jan 2022	2.55
25 Jan 2022	31 Jan 2022	2.54
26 Jan 2022	31 Jan 2022	2.59
27 Jan 2022	31 Jan 2022	2.66
28 Jan 2022	31 Jan 2022	2.63
31 Jan 2022	31 Jan 2022	2.60
01 Feb 2022	28 Feb 2022	2.59
02 Feb 2022	28 Feb 2022	2.58
03 Feb 2022	28 Feb 2022	2.55
04 Feb 2022	28 Feb 2022	2.57
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09 Feb 2022	28 Feb 2022	2.74
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14 Feb 2022	28 Feb 2022	2.78
15 Feb 2022	28 Feb 2022	2.82
16 Feb 2022	28 Feb 2022	2.88
17 Feb 2022	28 Feb 2022	2.84
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22 Feb 2022	28 Feb 2022	2.71
23 Feb 2022	28 Feb 2022	2.75
24 Feb 2022	28 Feb 2022	2.84
25 Feb 2022	28 Feb 2022	2.81
28 Feb 2022	28 Feb 2022	2.77
01 Mar 2022	31 Mar 2022	2.73
02 Mar 2022	31 Mar 2022	2.69
03 Mar 2022	31 Mar 2022	2.80
04 Mar 2022	31 Mar 2022	2.81
07 Mar 2022	31 Mar 2022	2.76
08 Mar 2022	31 Mar 2022	2.79
09 Mar 2022	31 Mar 2022	2.88
10 Mar 2022	31 Mar 2022	2.92
11 Mar 2022	31 Mar 2022	3.00

14 Mar 2022	31 Mar 2022	2.98
15 Mar 2022	31 Mar 2022	3.09
16 Mar 2022	31 Mar 2022	3.14
17 Mar 2022	31 Mar 2022	3.18
18 Mar 2022	31 Mar 2022	3.18
21 Mar 2022	31 Mar 2022	3.16
22 Mar 2022	31 Mar 2022	3.27
23 Mar 2022	31 Mar 2022	3.34
24 Mar 2022	31 Mar 2022	3.26
25 Mar 2022	31 Mar 2022	3.35
28 Mar 2022	31 Mar 2022	3.38
29 Mar 2022	31 Mar 2022	3.32
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19 Apr 2022	30 Apr 2022	3.51
20 Apr 2022	30 Apr 2022	3.51
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22 Apr 2022	30 Apr 2022	3.53
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27 Apr 2022	30 Apr 2022	3.55
28 Apr 2022	30 Apr 2022	3.71
29 Apr 2022	30 Apr 2022	3.64
02 May 2022	31 May 2022	3.68
03 May 2022	31 May 2022	3.74
04 May 2022	31 May 2022	3.78
05 May 2022	31 May 2022	3.77
06 May 2022	31 May 2022	3.81
09 May 2022	31 May 2022	3.86
10 May 2022	31 May 2022	3.76
11 May 2022	31 May 2022	3.79
12 May 2022	31 May 2022	3.76
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16 May 2022	31 May 2022	3.61
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18 May 2022	31 May 2022	3.67
19 May 2022	31 May 2022	3.55
20 May 2022	31 May 2022	3.56
23 May 2022	31 May 2022	3.50
24 May 2022	31 May 2022	3.53
25 May 2022	31 May 2022	3.47
26 May 2022	31 May 2022	3.56
27 May 2022	31 May 2022	3.49
30 May 2022	31 May 2022	3.53
31 May 2022	31 May 2022	3.59
01 Jun 2022	30 Jun 2022	3.64
02 Jun 2022	30 Jun 2022	3.68

03 Jun 2022	30 Jun 2022	3.70
07 Jun 2022	30 Jun 2022	3.70
08 Jun 2022	30 Jun 2022	3.76
09 Jun 2022	30 Jun 2022	3.87
10 Jun 2022	30 Jun 2022	3.91
13 Jun 2022	30 Jun 2022	4.02
14 Jun 2022	30 Jun 2022	4.22
15 Jun 2022	30 Jun 2022	4.29
16 Jun 2022	30 Jun 2022	4.16
17 Jun 2022	30 Jun 2022	4.23
20 Jun 2022	30 Jun 2022	4.26
21 Jun 2022	30 Jun 2022	4.22
22 Jun 2022	30 Jun 2022	4.22
23 Jun 2022	30 Jun 2022	4.02
27 Jun 2022	30 Jun 2022	3.90
28 Jun 2022	30 Jun 2022	3.97
29 Jun 2022	30 Jun 2022	3.95
30 Jun 2022	30 Jun 2022	3.89
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12 Jul 2022	31 Jul 2022	3.70
13 Jul 2022	31 Jul 2022	3.70
14 Jul 2022	31 Jul 2022	3.70
15 Jul 2022	31 Jul 2022	3.69
18 Jul 2022	31 Jul 2022	3.74
19 Jul 2022	31 Jul 2022	3.72
20 Jul 2022	31 Jul 2022	3.75
21 Jul 2022	31 Jul 2022	3.79
22 Jul 2022	31 Jul 2022	3.72
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05 Aug 2022	31 Aug 2022	3.39
08 Aug 2022	31 Aug 2022	3.45
09 Aug 2022	31 Aug 2022	3.35
10 Aug 2022	31 Aug 2022	3.33
11 Aug 2022	31 Aug 2022	3.39
12 Aug 2022	31 Aug 2022	3.51
15 Aug 2022	31 Aug 2022	3.51
16 Aug 2022	31 Aug 2022	3.40
17 Aug 2022	31 Aug 2022	3.40
18 Aug 2022	31 Aug 2022	3.52
19 Aug 2022	31 Aug 2022	3.51
22 Aug 2022	31 Aug 2022	3.64
23 Aug 2022	31 Aug 2022	3.80

24 Aug 2022	31 Aug 2022	3.87
25 Aug 2022	31 Aug 2022	3.86
26 Aug 2022	31 Aug 2022	3.86
29 Aug 2022	31 Aug 2022	3.89
30 Aug 2022	31 Aug 2022	3.97
31 Aug 2022	31 Aug 2022	3.98
01 Sept 2022	30 Sept 2022	4.06
02 Sept 2022	30 Sept 2022	4.04
05 Sept 2022	30 Sept 2022	3.96
06 Sept 2022	30 Sept 2022	4.03
07 Sept 2022	30 Sept 2022	4.10
08 Sept 2022	30 Sept 2022	4.01
09 Sept 2022	30 Sept 2022	4.01
12 Sept 2022	30 Sept 2022	3.93
13 Sept 2022	30 Sept 2022	3.97
14 Sept 2022	30 Sept 2022	4.00
15 Sept 2022	30 Sept 2022	4.05
16 Sept 2022	30 Sept 2022	4.01
19 Sept 2022	30 Sept 2022	4.08
20 Sept 2022	30 Sept 2022	4.04
21 Sept 2022	30 Sept 2022	4.04
22 Sept 2022	30 Sept 2022	4.02
23 Sept 2022	30 Sept 2022	4.10
27 Sept 2022	30 Sept 2022	4.29
28 Sept 2022	30 Sept 2022	4.31
29 Sept 2022	30 Sept 2022	4.18
30 Sept 2022	30 Sept 2022	4.24
03 Oct 2022	31 Oct 2022	4.29
04 Oct 2022	31 Oct 2022	4.20
05 Oct 2022	31 Oct 2022	4.07
06 Oct 2022	31 Oct 2022	4.16
07 Oct 2022	31 Oct 2022	4.21
10 Oct 2022	31 Oct 2022	4.33
11 Oct 2022	31 Oct 2022	4.41
12 Oct 2022	31 Oct 2022	4.51
13 Oct 2022	31 Oct 2022	4.49
14 Oct 2022	31 Oct 2022	4.55
17 Oct 2022	31 Oct 2022	4.53
18 Oct 2022	31 Oct 2022	4.61
19 Oct 2022	31 Oct 2022	4.58
20 Oct 2022	31 Oct 2022	4.77
21 Oct 2022	31 Oct 2022	4.69
25 Oct 2022	31 Oct 2022	4.59
26 Oct 2022	31 Oct 2022	4.48
27 Oct 2022	31 Oct 2022	4.36
28 Oct 2022	31 Oct 2022	4.22
31 Oct 2022	31 Oct 2022	4.26
01 Nov 2022	30 Nov 2022	4.26
02 Nov 2022	30 Nov 2022	4.31
03 Nov 2022	30 Nov 2022	4.56
04 Nov 2022	30 Nov 2022	4.58
07 Nov 2022	30 Nov 2022	4.51
08 Nov 2022	30 Nov 2022	4.62
09 Nov 2022	30 Nov 2022	4.56
10 Nov 2022	30 Nov 2022	4.52
11 Nov 2022	30 Nov 2022	4.23

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16 Nov 2022	30 Nov 2022	4.19
17 Nov 2022	30 Nov 2022	4.13
18 Nov 2022	30 Nov 2022	4.16
21 Nov 2022	30 Nov 2022	4.21
22 Nov 2022	30 Nov 2022	4.24
23 Nov 2022	30 Nov 2022	4.11
24 Nov 2022	30 Nov 2022	4.20
25 Nov 2022	30 Nov 2022	4.08
28 Nov 2022	30 Nov 2022	4.14
29 Nov 2022	30 Nov 2022	4.05
30 Nov 2022	30 Nov 2022	4.11
01 Dec 2022	31 Dec 2022	4.00
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06 Jan 2023	31 Jan 2023	4.34
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10 Jan 2023	31 Jan 2023	4.24
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12 Jan 2023	31 Jan 2023	4.13
13 Jan 2023	31 Jan 2023	4.02
16 Jan 2023	31 Jan 2023	4.09
17 Jan 2023	31 Jan 2023	4.07
18 Jan 2023	31 Jan 2023	4.12
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30 Jan 2023	31 Jan 2023	4.10
31 Jan 2023	31 Jan 2023	4.18
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02 Feb 2023	28 Feb 2023	4.13
03 Feb 2023	28 Feb 2023	3.98

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08 Feb 2023	28 Feb 2023	4.14
09 Feb 2023	28 Feb 2023	4.12
10 Feb 2023	28 Feb 2023	4.20
13 Feb 2023	28 Feb 2023	4.24
14 Feb 2023	28 Feb 2023	4.28
15 Feb 2023	28 Feb 2023	4.33
16 Feb 2023	28 Feb 2023	4.33
17 Feb 2023	28 Feb 2023	4.35
20 Feb 2023	28 Feb 2023	4.33
21 Feb 2023	28 Feb 2023	4.36
22 Feb 2023	28 Feb 2023	4.49
23 Feb 2023	28 Feb 2023	4.55
24 Feb 2023	28 Feb 2023	4.68
27 Feb 2023	28 Feb 2023	4.64
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09 Mar 2023	31 Mar 2023	4.60
10 Mar 2023	31 Mar 2023	4.50
13 Mar 2023	31 Mar 2023	4.32
14 Mar 2023	31 Mar 2023	4.23
15 Mar 2023	31 Mar 2023	4.36
16 Mar 2023	31 Mar 2023	4.28
17 Mar 2023	31 Mar 2023	4.44
20 Mar 2023	31 Mar 2023	4.30
21 Mar 2023	31 Mar 2023	4.18
22 Mar 2023	31 Mar 2023	4.21
23 Mar 2023	31 Mar 2023	4.13
24 Mar 2023	31 Mar 2023	4.13
27 Mar 2023	31 Mar 2023	4.11
28 Mar 2023	31 Mar 2023	4.10
29 Mar 2023	31 Mar 2023	4.11
30 Mar 2023	31 Mar 2023	4.17
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05 Apr 2023	30 Apr 2023	4.05
06 Apr 2023	30 Apr 2023	4.00
11 Apr 2023	30 Apr 2023	4.00
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21 Apr 2023	30 Apr 2023	4.18
24 Apr 2023	30 Apr 2023	4.14
26 Apr 2023	30 Apr 2023	4.06
27 Apr 2023	30 Apr 2023	4.08
28 Apr 2023	30 Apr 2023	4.12

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03 May 2023	31 May 2023	4.11
04 May 2023	31 May 2023	4.06
05 May 2023	31 May 2023	4.10
08 May 2023	31 May 2023	4.14
09 May 2023	31 May 2023	4.20
10 May 2023	31 May 2023	4.17
11 May 2023	31 May 2023	4.12
12 May 2023	31 May 2023	4.08
15 May 2023	31 May 2023	4.05
16 May 2023	31 May 2023	4.12
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25 May 2023	31 May 2023	4.40
26 May 2023	31 May 2023	4.42
29 May 2023	31 May 2023	4.41
30 May 2023	31 May 2023	4.33
31 May 2023	31 May 2023	4.27
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07 Jun 2023	30 Jun 2023	4.43
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12 Jul 2023	31 Jul 2023	4.74
13 Jul 2023	31 Jul 2023	4.62
17 Jul 2023	31 Jul 2023	4.52
18 Jul 2023	31 Jul 2023	4.51
19 Jul 2023	31 Jul 2023	4.52

20 Jul 2023	31 Jul 2023	4.53
21 Jul 2023	31 Jul 2023	4.60
24 Jul 2023	31 Jul 2023	4.61
25 Jul 2023	31 Jul 2023	4.61
26 Jul 2023	31 Jul 2023	4.66
27 Jul 2023	31 Jul 2023	4.64
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14 Aug 2023	31 Aug 2023	4.88
15 Aug 2023	31 Aug 2023	4.94
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17 Aug 2023	31 Aug 2023	4.98
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31 Aug 2023	31 Aug 2023	4.91
01 Sept 2023	30 Sept 2023	4.85
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13 Sept 2023	30 Sept 2023	4.99
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03 Oct 2023	31 Oct 2023	5.44
04 Oct 2023	31 Oct 2023	5.49
05 Oct 2023	31 Oct 2023	5.47

06 Oct 2023	31 Oct 2023	5.50
09 Oct 2023	31 Oct 2023	5.49
10 Oct 2023	31 Oct 2023	5.44
11 Oct 2023	31 Oct 2023	5.44
12 Oct 2023	31 Oct 2023	5.35
13 Oct 2023	31 Oct 2023	5.41
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01 Nov 2023	30 Nov 2023	5.54
02 Nov 2023	30 Nov 2023	5.38
03 Nov 2023	30 Nov 2023	5.24
06 Nov 2023	30 Nov 2023	5.25
07 Nov 2023	30 Nov 2023	5.25
08 Nov 2023	30 Nov 2023	5.15
09 Nov 2023	30 Nov 2023	5.08
10 Nov 2023	30 Nov 2023	5.15
13 Nov 2023	30 Nov 2023	5.17
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20 Nov 2023	30 Nov 2023	4.93
21 Nov 2023	30 Nov 2023	4.94
22 Nov 2023	30 Nov 2023	4.93
23 Nov 2023	30 Nov 2023	5.00
24 Nov 2023	30 Nov 2023	5.00
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21 Dec 2023	31 Dec 2023	4.46
22 Dec 2023	31 Dec 2023	4.54
27 Dec 2023	31 Dec 2023	4.51

28 Dec 2023	31 Dec 2023	4.37
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03 Jan 2024	31 Jan 2024	4.44
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12 Jan 2024	31 Jan 2024	4.65
15 Jan 2024	31 Jan 2024	4.58
16 Jan 2024	31 Jan 2024	4.60
17 Jan 2024	31 Jan 2024	4.66
18 Jan 2024	31 Jan 2024	4.68
19 Jan 2024	31 Jan 2024	4.75
22 Jan 2024	31 Jan 2024	4.75
23 Jan 2024	31 Jan 2024	4.70
24 Jan 2024	31 Jan 2024	4.73
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26 Jan 2024	31 Jan 2024	4.72
29 Jan 2024	31 Jan 2024	4.68
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13 Feb 2024	29 Feb 2024	4.89
14 Feb 2024	29 Feb 2024	4.94
15 Feb 2024	29 Feb 2024	4.92
16 Feb 2024	29 Feb 2024	4.81
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21 Feb 2024	29 Feb 2024	4.85
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27 Feb 2024	29 Feb 2024	4.84
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18 Mar 2024	31 Mar 2024	4.71
19 Mar 2024	31 Mar 2024	4.70

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22 Mar 2024	31 Mar 2024	4.61
25 Mar 2024	31 Mar 2024	4.55
26 Mar 2024	31 Mar 2024	4.62
27 Mar 2024	31 Mar 2024	4.63
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08 May 2024	31 May 2024	4.67
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05 Jun 2024	30 Jun 2024	4.69
06 Jun 2024	30 Jun 2024	4.68
07 Jun 2024	30 Jun 2024	4.64
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11 Jun 2024	30 Jun 2024	4.78

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13 Jun 2024	30 Jun 2024	4.68
14 Jun 2024	30 Jun 2024	4.62
17 Jun 2024	30 Jun 2024	4.59
18 Jun 2024	30 Jun 2024	4.63
19 Jun 2024	30 Jun 2024	4.58
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23 Aug 2024	31 Aug 2024	4.21
26 Aug 2024	31 Aug 2024	4.18
27 Aug 2024	31 Aug 2024	4.17
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03 Sept 2024	30 Sept 2024	4.34
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25 Sept 2024	30 Sept 2024	4.17
26 Sept 2024	30 Sept 2024	4.23
27 Sept 2024	30 Sept 2024	4.23
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03 Oct 2024	31 Oct 2024	4.26
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06 Nov 2024	30 Nov 2024	4.54
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08 Nov 2024	30 Nov 2024	4.66
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13 Nov 2024	30 Nov 2024	4.73
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18 Nov 2024	30 Nov 2024	4.75

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25 Nov 2024	30 Nov 2024	4.60
26 Nov 2024	30 Nov 2024	4.50
27 Nov 2024	30 Nov 2024	4.51
28 Nov 2024	30 Nov 2024	4.50
29 Nov 2024	30 Nov 2024	4.47
02 Dec 2024	31 Dec 2024	4.41
03 Dec 2024	31 Dec 2024	4.38
04 Dec 2024	31 Dec 2024	4.41
05 Dec 2024	31 Dec 2024	4.40
06 Dec 2024	31 Dec 2024	4.48
09 Dec 2024	31 Dec 2024	4.44
10 Dec 2024	31 Dec 2024	4.46
11 Dec 2024	31 Dec 2024	4.38
12 Dec 2024	31 Dec 2024	4.42
13 Dec 2024	31 Dec 2024	4.49
16 Dec 2024	31 Dec 2024	4.54
17 Dec 2024	31 Dec 2024	4.54
18 Dec 2024	31 Dec 2024	4.55
19 Dec 2024	31 Dec 2024	4.54
20 Dec 2024	31 Dec 2024	4.62
23 Dec 2024	31 Dec 2024	4.60
24 Dec 2024	31 Dec 2024	4.59
27 Dec 2024	31 Dec 2024	4.56
30 Dec 2024	31 Dec 2024	4.55
31 Dec 2024	31 Dec 2024	4.53

Background information:

The OBB student loan interest calculation is outlined in the Legislation. The information can be found from the following SharePoint site.

More details can be found in Section 4 of the Student Loan Scheme Act 2011. [Student Loan Scheme Act 2011 No 62 \(as at 30 March 2022\), Public Act – New Zealand Legislation](#)

Late payment interest calculations are listed per below.

139 Late payment interest charged on unpaid amount

- (1) A borrower is liable to pay late payment interest on each unpaid amount if that unpaid amount is \$334 or more (or any other level prescribed by regulations).
- (2) Late payment interest is calculated, charged, and added to a borrower's unpaid amount as follows:
 - (a) the late payment interest rate multiplied by the unpaid amount on the day after its due date; and
 - (b) the late payment interest rate multiplied by the unpaid amount as at each day that falls 1 month after the day on which late payment interest is imposed under paragraph (a) or under this paragraph.
- (3) In this section, **late payment interest rate** means the base interest rate plus 4%, calculated as an equivalent monthly rate expressed as a percentage and truncated to 3 decimal places.

140 Notification of late payment interest

The Commissioner must, as soon as practicable after charging late payment interest, give the borrower charged with that interest written notice of the amount of that interest.

141 Late payment interest reduced if instalment arrangement complied with

- (1) This section applies if—
 - (a) a borrower is liable to pay late payment interest on an unpaid amount under section 139; and
 - (b) the borrower has entered into an instalment arrangement in relation to the unpaid amount in accordance with section 154.
- (2) For each month that the borrower meets his or her obligations under the instalment arrangement, any late payment interest that the borrower is liable to pay on the unpaid amount for that month must be calculated as if, in the definition of late payment interest rate in section 139(3), the reference to base interest rate plus 4% were a reference to base interest rate plus 2%.
- (3) However, subsection (2) applies only to the days in a month during which an instalment arrangement applies.

At BEFU 2024, there was a new Cabinet decision that from 1 Apr 2025, there will be an increase of 1% on the Student Loan Scheme overseas interest.

From: Michelle Sneyman § 9(2)(a)
Sent on: Monday, April 15, 2024 3:13:57 AM
To: Jean Song § 9(2)(a); Rebecca Wu § 9(2)(a)
Subject: Confirmed MOE initiatives to load (urgent)
Urgent: High

Attachments: Financial res Budget 2024 to agencies for checking 11April.xlsx (39.52 KB)

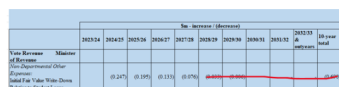
Interest on Impaired Student Loans							
Non-Dept Revenue							
Final-year Fees Free - Impacts Related to Student Loans	Cabinet	-	3,000	10,000	18,000	25,000	Decision TBC
Increasing Student Loan Scheme Overseas Interest							
Formula - Impacts Related to Student Loans	Cabinet	-	1,355	1,277	1,295	1,332	Decision TBC

[UNCLASSIFIED]

Hi

Please can you load 4 initiatives into Table 2 (lean and Mains (new policy and section 3.2)).

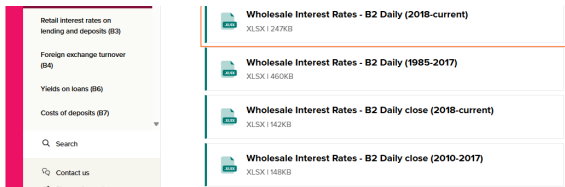
Increasing the Student Loan Scheme overseas interest formula by 1% for 5 years (Decision TBC)



Instructions:

1. Download the daily interest rates for the reporting 5 years from the Reserve Bank website, and enter it to Tab 1.10-year government bond yield.

The monthly 10-year government bond yield rates can be found on the Reserve Bank of New Zealand website. [Wholesale interest rates \(B2\) - Reserve Bank of New Zealand - Te Pūtea Matua](#)



2. Copy rates provided by PD & D to Tab Workings C13-C72
3. Check the calculation of the rates are correct at the Tab Workings.
4. Ensure all the latest Government policies are captured at the template.
5. Check the data prepared by PD&D with our calculations.

Appendix B - Item 8

Note: The rate must be:

- taken from the 10 year column
- the last 60 months
- must run from January to December

Months	Rate
Jan	1.48
Feb	1.28
Mar	1.08
Apr	0.95
May	0.64
Jun	0.90
Jul	0.91
Aug	0.68
Sep	0.56
Oct	0.54
Nov	0.75
Dec	0.92
Jan	1.04
Feb	1.46
Mar	1.76
Apr	1.68
May	1.81
Jun	1.76
Jul	1.59
Aug	1.65
Sep	1.87
Oct	2.21
Nov	2.57
Dec	2.38
Jan	2.56
Feb	2.74
Mar	3.07
Apr	3.47
May	3.64
Jun	3.98
Jul	3.67
Aug	3.57
Sep	4.07
Oct	4.41
Nov	4.29
Dec	4.20
Jan	4.14
Feb	4.31
Mar	4.35
Apr	4.11
May	4.23
Jun	4.48
Jul	4.65
Aug	4.90
Sep	5.05
Oct	5.46
Nov	5.10
Dec	4.71
Jan	4.65
Feb	4.81
Mar	4.65
Apr	4.83
May	4.75
Jun	4.64
Jul	4.51
Aug	4.22
Sep	4.19
Oct	4.39
Nov	4.62
Dec	4.49
Total	186.38

Total for the last 5 years	186.38
Average over the last 5 years	3.11
Add 1.74%	4.85
SLS interest rate	4.9

Appendix B - Item 9

Note: The rate must be:
 - taken from the 10 year column
 - the last 60 months
 - must run from January to December

The 1 cent difference is immaterial

PD&D provided RB rates			
Month/Year	Rate	Check	variance
Jan 2021	1.04	1.04	- 0.00
Feb 2021	1.46	1.47	- 0.01
Mar 2021	1.76	1.76	0.00
Apr 2021	1.67	1.67	- 0.00
May 2021	1.81	1.81	- 0.00
Jun 2021	1.76	1.76	0.00
Jul 2021	1.58	1.58	- 0.00
Aug 2021	1.65	1.65	- 0.00
Sept 2021	1.88	1.88	- 0.00
Oct 2021	2.23	2.23	- 0.00
Nov 2021	2.57	2.57	- 0.00
Dec 2021	2.37	2.37	- 0.00
Jan 2022	2.56	2.57	- 0.01
Feb 2022	2.73	2.74	- 0.01
Mar 2022	3.07	3.07	- 0.00
Apr 2022	3.47	3.48	- 0.01
May 2022	3.65	3.65	0.00
Jun 2022	3.98	3.99	- 0.01
Jul 2022	3.65	3.66	- 0.01
Aug 2022	3.57	3.58	- 0.01
Sept 2022	4.06	4.07	- 0.01
Oct 2022	4.41	4.41	0.00
Nov 2022	4.28	4.28	- 0.00
Dec 2022	4.21	4.21	- 0.00
Jan 2023	4.13	4.13	0.00
Feb 2023	4.31	4.31	0.00
Mar 2023	4.34	4.35	- 0.01
Apr 2023	4.09	4.09	- 0.00
May 2023	4.22	4.23	- 0.01
Jun 2023	4.49	4.49	- 0.00
Jul 2023	4.64	4.65	- 0.01
Aug 2023	4.91	4.91	0.00
Sept 2023	5.05	5.05	0.00
Oct 2023	5.47	5.47	0.00
Nov 2023	5.08	5.09	- 0.01
Dec 2023	4.70	4.70	- 0.00
Jan 2024	4.65	4.65	- 0.00
Feb 2024	4.80	4.80	0.00
Mar 2024	4.64	4.65	- 0.01
Apr 2024	4.82	4.83	- 0.01
May 2024	4.75	4.75	0.00
Jun 2024	4.64	4.64	0.00
Jul 2024	4.50	4.50	0.00
Aug 2024	4.22	4.22	-
Sept 2024	4.19	4.19	- 0.00
Oct 2024	4.38	4.39	- 0.01
Nov 2024	4.63	4.63	- 0.00
Dec 2024	4.49	4.50	- 0.01
Jan 2025	4.65	4.65	- 0.00
Feb 2025	4.61	4.61	0.00
Mar 2025	4.63	4.63	0.00
Apr 2025	4.55	4.55	0.00
May 2025	4.59	4.59	0.00
Jun 2025	4.58	4.58	0.00
Jul 2025	4.55	4.55	- 0.00
Aug 2025	4.41	4.41	0.00
Sept 2025	4.29	4.29	- 0.00
Oct 2025	4.08	4.08	- 0.00
Nov 2025	4.21	4.21	0.00
Dec 2025	4.52	4.52	0.00
Total	229.23	229.34	

Total for the last 5 years 229.23
 Monthly average over the last 5 years 3.82

Add 1.74% 5.56 Note: 1.74% is per Student Loan Scheme Act 2011.
 SLS interest rate 5.56
SLS interest rate (Rounded) 5.6 One decimal place as per Student Loan Scheme Act 2011.

Late Payment Interest (LPI)
 Annual rate = **interest rate + 4%** Note: 4% is per S139 Student Loan Scheme Act 2011.
Annual rate = 9.60

Monthly rate = $(1 + \text{annual rate})^{(1/12)} - 1$
 Monthly rate = 0.007668
Monthly rate (truncated [not rounded] to 3 places) = 0.766%

Reduced Late Payment Interest (rLPI)
 Annual rate = **interest rate + 2%** Note: 2% is per Student Loan Scheme Act 2011.
Annual rate = 7.60

Monthly rate = $(1 + \text{annual rate})^{(1/12)} - 1$
 Monthly rate = 0.006123
Monthly rate (truncated [not rounded] to 3 places) = 0.612%

Data downloaded date: 21/1/2026

[Reserve Bank Wholesale interest rates \(B2\) hb2-daily-close.xlsx](#)

Rates are downloaded from Reserve Bank

Notes	Secondary market government bond yields 10 year %pa
Unit	
Series Id	
05 Jan 2021 31 Jan 2021	0.93
06 Jan 2021 31 Jan 2021	0.96
07 Jan 2021 31 Jan 2021	1.02
08 Jan 2021 31 Jan 2021	1.06
11 Jan 2021 31 Jan 2021	1.06
12 Jan 2021 31 Jan 2021	1.09
13 Jan 2021 31 Jan 2021	1.08
14 Jan 2021 31 Jan 2021	1.06
15 Jan 2021 31 Jan 2021	1.02
18 Jan 2021 31 Jan 2021	1.01
19 Jan 2021 31 Jan 2021	1.01
20 Jan 2021 31 Jan 2021	1.03
21 Jan 2021 31 Jan 2021	1.03
22 Jan 2021 31 Jan 2021	1.08
25 Jan 2021 31 Jan 2021	1.08
26 Jan 2021 31 Jan 2021	1.03
27 Jan 2021 31 Jan 2021	1.07
28 Jan 2021 31 Jan 2021	1.08
29 Jan 2021 31 Jan 2021	1.13
01 Feb 2021 28 Feb 2021	1.13
02 Feb 2021 28 Feb 2021	1.22
03 Feb 2021 28 Feb 2021	1.33
04 Feb 2021 28 Feb 2021	1.37
05 Feb 2021 28 Feb 2021	1.37
09 Feb 2021 28 Feb 2021	1.43
10 Feb 2021 28 Feb 2021	1.39
11 Feb 2021 28 Feb 2021	1.30
12 Feb 2021 28 Feb 2021	1.30
15 Feb 2021 28 Feb 2021	1.37
16 Feb 2021 28 Feb 2021	1.43
17 Feb 2021 28 Feb 2021	1.52
18 Feb 2021 28 Feb 2021	1.49
19 Feb 2021 28 Feb 2021	1.51
22 Feb 2021 28 Feb 2021	1.64
23 Feb 2021 28 Feb 2021	1.63
24 Feb 2021 28 Feb 2021	1.69
25 Feb 2021 28 Feb 2021	1.87
26 Feb 2021 28 Feb 2021	1.89
01 Mar 2021 31 Mar 2021	1.74
02 Mar 2021 31 Mar 2021	1.75
03 Mar 2021 31 Mar 2021	1.74
04 Mar 2021 31 Mar 2021	1.85
05 Mar 2021 31 Mar 2021	1.93
08 Mar 2021 31 Mar 2021	1.88
09 Mar 2021 31 Mar 2021	1.88
10 Mar 2021 31 Mar 2021	1.81

11 Mar 2021	31 Mar 2021	1.72
12 Mar 2021	31 Mar 2021	1.73
15 Mar 2021	31 Mar 2021	1.83
16 Mar 2021	31 Mar 2021	1.76
17 Mar 2021	31 Mar 2021	1.77
18 Mar 2021	31 Mar 2021	1.79
19 Mar 2021	31 Mar 2021	1.82
22 Mar 2021	31 Mar 2021	1.75
23 Mar 2021	31 Mar 2021	1.69
24 Mar 2021	31 Mar 2021	1.52
25 Mar 2021	31 Mar 2021	1.58
26 Mar 2021	31 Mar 2021	1.63
29 Mar 2021	31 Mar 2021	1.68
30 Mar 2021	31 Mar 2021	1.76
31 Mar 2021	31 Mar 2021	1.81
01 Apr 2021	30 Apr 2021	1.82
06 Apr 2021	30 Apr 2021	1.79
07 Apr 2021	30 Apr 2021	1.75
08 Apr 2021	30 Apr 2021	1.75
09 Apr 2021	30 Apr 2021	1.71
12 Apr 2021	30 Apr 2021	1.73
13 Apr 2021	30 Apr 2021	1.75
14 Apr 2021	30 Apr 2021	1.69
15 Apr 2021	30 Apr 2021	1.68
16 Apr 2021	30 Apr 2021	1.63
19 Apr 2021	30 Apr 2021	1.61
20 Apr 2021	30 Apr 2021	1.65
21 Apr 2021	30 Apr 2021	1.60
22 Apr 2021	30 Apr 2021	1.56
23 Apr 2021	30 Apr 2021	1.60
27 Apr 2021	30 Apr 2021	1.61
28 Apr 2021	30 Apr 2021	1.62
29 Apr 2021	30 Apr 2021	1.61
30 Apr 2021	30 Apr 2021	1.65
03 May 2021	31 May 2021	1.68
04 May 2021	31 May 2021	1.68
05 May 2021	31 May 2021	1.73
06 May 2021	31 May 2021	1.72
07 May 2021	31 May 2021	1.73
10 May 2021	31 May 2021	1.77
11 May 2021	31 May 2021	1.78
12 May 2021	31 May 2021	1.84
13 May 2021	31 May 2021	1.88
14 May 2021	31 May 2021	1.90
17 May 2021	31 May 2021	1.88
18 May 2021	31 May 2021	1.90
19 May 2021	31 May 2021	1.88
20 May 2021	31 May 2021	1.87
21 May 2021	31 May 2021	1.83
24 May 2021	31 May 2021	1.81
25 May 2021	31 May 2021	1.79
26 May 2021	31 May 2021	1.88
27 May 2021	31 May 2021	1.89
28 May 2021	31 May 2021	1.85
31 May 2021	31 May 2021	1.80
01 Jun 2021	30 Jun 2021	1.74

02 Jun 2021	30 Jun 2021	1.78
03 Jun 2021	30 Jun 2021	1.79
04 Jun 2021	30 Jun 2021	1.85
08 Jun 2021	30 Jun 2021	1.80
09 Jun 2021	30 Jun 2021	1.76
10 Jun 2021	30 Jun 2021	1.69
11 Jun 2021	30 Jun 2021	1.64
14 Jun 2021	30 Jun 2021	1.65
15 Jun 2021	30 Jun 2021	1.64
16 Jun 2021	30 Jun 2021	1.66
17 Jun 2021	30 Jun 2021	1.79
18 Jun 2021	30 Jun 2021	1.78
21 Jun 2021	30 Jun 2021	1.74
22 Jun 2021	30 Jun 2021	1.82
23 Jun 2021	30 Jun 2021	1.80
24 Jun 2021	30 Jun 2021	1.79
25 Jun 2021	30 Jun 2021	1.81
28 Jun 2021	30 Jun 2021	1.83
29 Jun 2021	30 Jun 2021	1.78
30 Jun 2021	30 Jun 2021	1.77
01 Jul 2021	31 Jul 2021	1.77
02 Jul 2021	31 Jul 2021	1.70
05 Jul 2021	31 Jul 2021	1.65
06 Jul 2021	31 Jul 2021	1.71
07 Jul 2021	31 Jul 2021	1.64
08 Jul 2021	31 Jul 2021	1.56
09 Jul 2021	31 Jul 2021	1.54
12 Jul 2021	31 Jul 2021	1.53
13 Jul 2021	31 Jul 2021	1.55
14 Jul 2021	31 Jul 2021	1.64
15 Jul 2021	31 Jul 2021	1.64
16 Jul 2021	31 Jul 2021	1.64
19 Jul 2021	31 Jul 2021	1.61
20 Jul 2021	31 Jul 2021	1.51
21 Jul 2021	31 Jul 2021	1.55
22 Jul 2021	31 Jul 2021	1.52
23 Jul 2021	31 Jul 2021	1.51
26 Jul 2021	31 Jul 2021	1.49
27 Jul 2021	31 Jul 2021	1.52
28 Jul 2021	31 Jul 2021	1.50
29 Jul 2021	31 Jul 2021	1.48
30 Jul 2021	31 Jul 2021	1.52
02 Aug 2021	31 Aug 2021	1.53
03 Aug 2021	31 Aug 2021	1.53
04 Aug 2021	31 Aug 2021	1.61
05 Aug 2021	31 Aug 2021	1.59
06 Aug 2021	31 Aug 2021	1.62
09 Aug 2021	31 Aug 2021	1.68
10 Aug 2021	31 Aug 2021	1.70
11 Aug 2021	31 Aug 2021	1.72
12 Aug 2021	31 Aug 2021	1.70
13 Aug 2021	31 Aug 2021	1.73
16 Aug 2021	31 Aug 2021	1.71
17 Aug 2021	31 Aug 2021	1.63
18 Aug 2021	31 Aug 2021	1.68
19 Aug 2021	31 Aug 2021	1.65

20 Aug 2021	31 Aug 2021	1.59
23 Aug 2021	31 Aug 2021	1.59
24 Aug 2021	31 Aug 2021	1.62
25 Aug 2021	31 Aug 2021	1.65
26 Aug 2021	31 Aug 2021	1.66
27 Aug 2021	31 Aug 2021	1.71
30 Aug 2021	31 Aug 2021	1.72
31 Aug 2021	31 Aug 2021	1.72
01 Sept 2021	30 Sept 2021	1.81
02 Sept 2021	30 Sept 2021	1.82
03 Sept 2021	30 Sept 2021	1.84
06 Sept 2021	30 Sept 2021	1.89
07 Sept 2021	30 Sept 2021	1.91
08 Sept 2021	30 Sept 2021	1.93
09 Sept 2021	30 Sept 2021	1.89
10 Sept 2021	30 Sept 2021	1.87
13 Sept 2021	30 Sept 2021	1.90
14 Sept 2021	30 Sept 2021	1.86
15 Sept 2021	30 Sept 2021	1.78
16 Sept 2021	30 Sept 2021	1.83
17 Sept 2021	30 Sept 2021	1.87
20 Sept 2021	30 Sept 2021	1.89
21 Sept 2021	30 Sept 2021	1.86
22 Sept 2021	30 Sept 2021	1.87
23 Sept 2021	30 Sept 2021	1.82
24 Sept 2021	30 Sept 2021	1.93
27 Sept 2021	30 Sept 2021	1.93
28 Sept 2021	30 Sept 2021	1.96
29 Sept 2021	30 Sept 2021	1.97
30 Sept 2021	30 Sept 2021	2.00
01 Oct 2021	31 Oct 2021	2.01
04 Oct 2021	31 Oct 2021	1.98
05 Oct 2021	31 Oct 2021	1.99
06 Oct 2021	31 Oct 2021	2.00
07 Oct 2021	31 Oct 2021	1.99
08 Oct 2021	31 Oct 2021	2.04
11 Oct 2021	31 Oct 2021	2.09
12 Oct 2021	31 Oct 2021	2.10
13 Oct 2021	31 Oct 2021	2.13
14 Oct 2021	31 Oct 2021	2.11
15 Oct 2021	31 Oct 2021	2.17
18 Oct 2021	31 Oct 2021	2.33
19 Oct 2021	31 Oct 2021	2.33
20 Oct 2021	31 Oct 2021	2.37
21 Oct 2021	31 Oct 2021	2.42
22 Oct 2021	31 Oct 2021	2.42
26 Oct 2021	31 Oct 2021	2.44
27 Oct 2021	31 Oct 2021	2.54
28 Oct 2021	31 Oct 2021	2.59
29 Oct 2021	31 Oct 2021	2.58
01 Nov 2021	30 Nov 2021	2.54
02 Nov 2021	30 Nov 2021	2.54
03 Nov 2021	30 Nov 2021	2.52
04 Nov 2021	30 Nov 2021	2.56
05 Nov 2021	30 Nov 2021	2.52
08 Nov 2021	30 Nov 2021	2.51

09 Nov 2021	30 Nov 2021	2.53
10 Nov 2021	30 Nov 2021	2.52
11 Nov 2021	30 Nov 2021	2.61
12 Nov 2021	30 Nov 2021	2.60
15 Nov 2021	30 Nov 2021	2.64
16 Nov 2021	30 Nov 2021	2.67
17 Nov 2021	30 Nov 2021	2.67
18 Nov 2021	30 Nov 2021	2.63
19 Nov 2021	30 Nov 2021	2.62
22 Nov 2021	30 Nov 2021	2.60
23 Nov 2021	30 Nov 2021	2.61
24 Nov 2021	30 Nov 2021	2.56
25 Nov 2021	30 Nov 2021	2.58
26 Nov 2021	30 Nov 2021	2.53
29 Nov 2021	30 Nov 2021	2.52
30 Nov 2021	30 Nov 2021	2.49
01 Dec 2021	31 Dec 2021	2.46
02 Dec 2021	31 Dec 2021	2.42
03 Dec 2021	31 Dec 2021	2.39
06 Dec 2021	31 Dec 2021	2.35
07 Dec 2021	31 Dec 2021	2.41
08 Dec 2021	31 Dec 2021	2.43
09 Dec 2021	31 Dec 2021	2.49
10 Dec 2021	31 Dec 2021	2.47
13 Dec 2021	31 Dec 2021	2.43
14 Dec 2021	31 Dec 2021	2.38
15 Dec 2021	31 Dec 2021	2.35
16 Dec 2021	31 Dec 2021	2.33
17 Dec 2021	31 Dec 2021	2.31
20 Dec 2021	31 Dec 2021	2.27
21 Dec 2021	31 Dec 2021	2.28
22 Dec 2021	31 Dec 2021	2.32
23 Dec 2021	31 Dec 2021	2.33
24 Dec 2021	31 Dec 2021	2.35
29 Dec 2021	31 Dec 2021	2.31
30 Dec 2021	31 Dec 2021	2.35
31 Dec 2021	31 Dec 2021	2.38
05 Jan 2022	31 Jan 2022	2.48
06 Jan 2022	31 Jan 2022	2.53
07 Jan 2022	31 Jan 2022	2.53
10 Jan 2022	31 Jan 2022	2.59
11 Jan 2022	31 Jan 2022	2.59
12 Jan 2022	31 Jan 2022	2.55
13 Jan 2022	31 Jan 2022	2.53
14 Jan 2022	31 Jan 2022	2.51
17 Jan 2022	31 Jan 2022	2.58
18 Jan 2022	31 Jan 2022	2.55
19 Jan 2022	31 Jan 2022	2.61
20 Jan 2022	31 Jan 2022	2.59
21 Jan 2022	31 Jan 2022	2.53
24 Jan 2022	31 Jan 2022	2.53
25 Jan 2022	31 Jan 2022	2.57
26 Jan 2022	31 Jan 2022	2.62
27 Jan 2022	31 Jan 2022	2.67
28 Jan 2022	31 Jan 2022	2.61
31 Jan 2022	31 Jan 2022	2.61

01 Feb 2022	28 Feb 2022	2.60
02 Feb 2022	28 Feb 2022	2.58
03 Feb 2022	28 Feb 2022	2.52
04 Feb 2022	28 Feb 2022	2.60
08 Feb 2022	28 Feb 2022	2.71
09 Feb 2022	28 Feb 2022	2.75
10 Feb 2022	28 Feb 2022	2.73
11 Feb 2022	28 Feb 2022	2.82
14 Feb 2022	28 Feb 2022	2.79
15 Feb 2022	28 Feb 2022	2.83
16 Feb 2022	28 Feb 2022	2.84
17 Feb 2022	28 Feb 2022	2.82
18 Feb 2022	28 Feb 2022	2.82
21 Feb 2022	28 Feb 2022	2.77
22 Feb 2022	28 Feb 2022	2.71
23 Feb 2022	28 Feb 2022	2.79
24 Feb 2022	28 Feb 2022	2.77
25 Feb 2022	28 Feb 2022	2.80
28 Feb 2022	28 Feb 2022	2.75
01 Mar 2022	31 Mar 2022	2.77
02 Mar 2022	31 Mar 2022	2.74
03 Mar 2022	31 Mar 2022	2.79
04 Mar 2022	31 Mar 2022	2.80
07 Mar 2022	31 Mar 2022	2.74
08 Mar 2022	31 Mar 2022	2.82
09 Mar 2022	31 Mar 2022	2.89
10 Mar 2022	31 Mar 2022	2.94
11 Mar 2022	31 Mar 2022	2.98
14 Mar 2022	31 Mar 2022	3.03
15 Mar 2022	31 Mar 2022	3.13
16 Mar 2022	31 Mar 2022	3.16
17 Mar 2022	31 Mar 2022	3.16
18 Mar 2022	31 Mar 2022	3.17
21 Mar 2022	31 Mar 2022	3.16
22 Mar 2022	31 Mar 2022	3.29
23 Mar 2022	31 Mar 2022	3.33
24 Mar 2022	31 Mar 2022	3.30
25 Mar 2022	31 Mar 2022	3.30
28 Mar 2022	31 Mar 2022	3.34
29 Mar 2022	31 Mar 2022	3.32
30 Mar 2022	31 Mar 2022	3.28
31 Mar 2022	31 Mar 2022	3.22
01 Apr 2022	30 Apr 2022	3.27
04 Apr 2022	30 Apr 2022	3.29
05 Apr 2022	30 Apr 2022	3.25
06 Apr 2022	30 Apr 2022	3.42
07 Apr 2022	30 Apr 2022	3.44
08 Apr 2022	30 Apr 2022	3.45
11 Apr 2022	30 Apr 2022	3.51
12 Apr 2022	30 Apr 2022	3.55
13 Apr 2022	30 Apr 2022	3.46
14 Apr 2022	30 Apr 2022	3.42
19 Apr 2022	30 Apr 2022	3.47
20 Apr 2022	30 Apr 2022	3.51
21 Apr 2022	30 Apr 2022	3.50
22 Apr 2022	30 Apr 2022	3.58

26 Apr 2022	30 Apr 2022	3.60
27 Apr 2022	30 Apr 2022	3.62
28 Apr 2022	30 Apr 2022	3.59
29 Apr 2022	30 Apr 2022	3.64
02 May 2022	31 May 2022	3.69
03 May 2022	31 May 2022	3.71
04 May 2022	31 May 2022	3.81
05 May 2022	31 May 2022	3.75
06 May 2022	31 May 2022	3.80
09 May 2022	31 May 2022	3.82
10 May 2022	31 May 2022	3.80
11 May 2022	31 May 2022	3.77
12 May 2022	31 May 2022	3.70
13 May 2022	31 May 2022	3.62
16 May 2022	31 May 2022	3.58
17 May 2022	31 May 2022	3.63
18 May 2022	31 May 2022	3.64
19 May 2022	31 May 2022	3.63
20 May 2022	31 May 2022	3.51
23 May 2022	31 May 2022	3.53
24 May 2022	31 May 2022	3.50
25 May 2022	31 May 2022	3.56
26 May 2022	31 May 2022	3.50
27 May 2022	31 May 2022	3.52
30 May 2022	31 May 2022	3.54
31 May 2022	31 May 2022	3.62
01 Jun 2022	30 Jun 2022	3.63
02 Jun 2022	30 Jun 2022	3.67
03 Jun 2022	30 Jun 2022	3.68
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09 Jun 2022	30 Jun 2022	3.88
10 Jun 2022	30 Jun 2022	3.93
13 Jun 2022	30 Jun 2022	4.06
14 Jun 2022	30 Jun 2022	4.23
15 Jun 2022	30 Jun 2022	4.30
16 Jun 2022	30 Jun 2022	4.29
17 Jun 2022	30 Jun 2022	4.26
20 Jun 2022	30 Jun 2022	4.21
21 Jun 2022	30 Jun 2022	4.22
22 Jun 2022	30 Jun 2022	4.16
23 Jun 2022	30 Jun 2022	4.00
27 Jun 2022	30 Jun 2022	3.91
28 Jun 2022	30 Jun 2022	3.92
29 Jun 2022	30 Jun 2022	3.94
30 Jun 2022	30 Jun 2022	3.88
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08 Jul 2022	31 Jul 2022	3.66
11 Jul 2022	31 Jul 2022	3.74
12 Jul 2022	31 Jul 2022	3.70
13 Jul 2022	31 Jul 2022	3.64
14 Jul 2022	31 Jul 2022	3.68

15 Jul 2022	31 Jul 2022	3.69
18 Jul 2022	31 Jul 2022	3.68
19 Jul 2022	31 Jul 2022	3.72
20 Jul 2022	31 Jul 2022	3.79
21 Jul 2022	31 Jul 2022	3.78
22 Jul 2022	31 Jul 2022	3.69
25 Jul 2022	31 Jul 2022	3.61
26 Jul 2022	31 Jul 2022	3.59
27 Jul 2022	31 Jul 2022	3.53
28 Jul 2022	31 Jul 2022	3.51
29 Jul 2022	31 Jul 2022	3.40
01 Aug 2022	31 Aug 2022	3.42
02 Aug 2022	31 Aug 2022	3.32
03 Aug 2022	31 Aug 2022	3.34
04 Aug 2022	31 Aug 2022	3.41
05 Aug 2022	31 Aug 2022	3.35
08 Aug 2022	31 Aug 2022	3.39
09 Aug 2022	31 Aug 2022	3.29
10 Aug 2022	31 Aug 2022	3.35
11 Aug 2022	31 Aug 2022	3.43
12 Aug 2022	31 Aug 2022	3.53
15 Aug 2022	31 Aug 2022	3.48
16 Aug 2022	31 Aug 2022	3.39
17 Aug 2022	31 Aug 2022	3.42
18 Aug 2022	31 Aug 2022	3.52
19 Aug 2022	31 Aug 2022	3.57
22 Aug 2022	31 Aug 2022	3.72
23 Aug 2022	31 Aug 2022	3.80
24 Aug 2022	31 Aug 2022	3.83
25 Aug 2022	31 Aug 2022	3.90
26 Aug 2022	31 Aug 2022	3.88
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31 Aug 2022	31 Aug 2022	3.97
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12 Sept 2022	30 Sept 2022	3.95
13 Sept 2022	30 Sept 2022	3.92
14 Sept 2022	30 Sept 2022	4.03
15 Sept 2022	30 Sept 2022	3.99
16 Sept 2022	30 Sept 2022	4.07
19 Sept 2022	30 Sept 2022	4.03
20 Sept 2022	30 Sept 2022	3.98
21 Sept 2022	30 Sept 2022	4.04
22 Sept 2022	30 Sept 2022	4.02
23 Sept 2022	30 Sept 2022	4.15
27 Sept 2022	30 Sept 2022	4.29
28 Sept 2022	30 Sept 2022	4.34
29 Sept 2022	30 Sept 2022	4.21
30 Sept 2022	30 Sept 2022	4.31
03 Oct 2022	31 Oct 2022	4.29

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05 Oct 2022	31 Oct 2022	4.06
06 Oct 2022	31 Oct 2022	4.17
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12 Oct 2022	31 Oct 2022	4.49
13 Oct 2022	31 Oct 2022	4.51
14 Oct 2022	31 Oct 2022	4.50
17 Oct 2022	31 Oct 2022	4.53
18 Oct 2022	31 Oct 2022	4.55
19 Oct 2022	31 Oct 2022	4.66
20 Oct 2022	31 Oct 2022	4.65
21 Oct 2022	31 Oct 2022	4.65
25 Oct 2022	31 Oct 2022	4.58
26 Oct 2022	31 Oct 2022	4.47
27 Oct 2022	31 Oct 2022	4.30
28 Oct 2022	31 Oct 2022	4.25
31 Oct 2022	31 Oct 2022	4.17
01 Nov 2022	30 Nov 2022	4.28
02 Nov 2022	30 Nov 2022	4.44
03 Nov 2022	30 Nov 2022	4.54
04 Nov 2022	30 Nov 2022	4.54
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10 Nov 2022	30 Nov 2022	4.41
11 Nov 2022	30 Nov 2022	4.24
14 Nov 2022	30 Nov 2022	4.29
15 Nov 2022	30 Nov 2022	4.23
16 Nov 2022	30 Nov 2022	4.22
17 Nov 2022	30 Nov 2022	4.14
18 Nov 2022	30 Nov 2022	4.17
21 Nov 2022	30 Nov 2022	4.19
22 Nov 2022	30 Nov 2022	4.16
23 Nov 2022	30 Nov 2022	4.21
24 Nov 2022	30 Nov 2022	4.12
25 Nov 2022	30 Nov 2022	4.11
28 Nov 2022	30 Nov 2022	4.03
29 Nov 2022	30 Nov 2022	4.08
30 Nov 2022	30 Nov 2022	4.07
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14 Dec 2022	31 Dec 2022	4.14
15 Dec 2022	31 Dec 2022	4.29
16 Dec 2022	31 Dec 2022	4.28
19 Dec 2022	31 Dec 2022	4.25
20 Dec 2022	31 Dec 2022	4.34
21 Dec 2022	31 Dec 2022	4.36

22 Dec 2022	31 Dec 2022	4.36
23 Dec 2022	31 Dec 2022	4.36
28 Dec 2022	31 Dec 2022	4.51
29 Dec 2022	31 Dec 2022	4.47
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18 Jan 2023	31 Jan 2023	4.07
19 Jan 2023	31 Jan 2023	3.93
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23 Jan 2023	31 Jan 2023	4.01
24 Jan 2023	31 Jan 2023	4.09
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24 Feb 2023	28 Feb 2023	4.61
27 Feb 2023	28 Feb 2023	4.64
28 Feb 2023	28 Feb 2023	4.56
01 Mar 2023	31 Mar 2023	4.53
02 Mar 2023	31 Mar 2023	4.62
03 Mar 2023	31 Mar 2023	4.70
06 Mar 2023	31 Mar 2023	4.62
07 Mar 2023	31 Mar 2023	4.62
08 Mar 2023	31 Mar 2023	4.61
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13 Mar 2023	31 Mar 2023	4.37
14 Mar 2023	31 Mar 2023	4.26
15 Mar 2023	31 Mar 2023	4.44
16 Mar 2023	31 Mar 2023	4.33

17 Mar 2023	31 Mar 2023	4.38
20 Mar 2023	31 Mar 2023	4.21
21 Mar 2023	31 Mar 2023	4.11
22 Mar 2023	31 Mar 2023	4.20
23 Mar 2023	31 Mar 2023	4.17
24 Mar 2023	31 Mar 2023	4.12
27 Mar 2023	31 Mar 2023	4.03
28 Mar 2023	31 Mar 2023	4.08
29 Mar 2023	31 Mar 2023	4.15
30 Mar 2023	31 Mar 2023	4.20
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04 Apr 2023	30 Apr 2023	4.07
05 Apr 2023	30 Apr 2023	4.01
06 Apr 2023	30 Apr 2023	3.93
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17 Apr 2023	30 Apr 2023	4.10
18 Apr 2023	30 Apr 2023	4.25
19 Apr 2023	30 Apr 2023	4.29
20 Apr 2023	30 Apr 2023	4.23
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24 Apr 2023	30 Apr 2023	4.14
26 Apr 2023	30 Apr 2023	4.04
27 Apr 2023	30 Apr 2023	4.06
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12 May 2023	31 May 2023	4.01
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16 May 2023	31 May 2023	4.13
17 May 2023	31 May 2023	4.21
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19 May 2023	31 May 2023	4.41
22 May 2023	31 May 2023	4.39
23 May 2023	31 May 2023	4.47
24 May 2023	31 May 2023	4.35
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06 Jun 2023	30 Jun 2023	4.43
07 Jun 2023	30 Jun 2023	4.44
08 Jun 2023	30 Jun 2023	4.56

09 Jun 2023	30 Jun 2023	4.52
12 Jun 2023	30 Jun 2023	4.52
13 Jun 2023	30 Jun 2023	4.50
14 Jun 2023	30 Jun 2023	4.54
15 Jun 2023	30 Jun 2023	4.52
16 Jun 2023	30 Jun 2023	4.49
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06 Jul 2023	31 Jul 2023	4.71
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11 Jul 2023	31 Jul 2023	4.76
12 Jul 2023	31 Jul 2023	4.67
13 Jul 2023	31 Jul 2023	4.56
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19 Jul 2023	31 Jul 2023	4.50
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21 Jul 2023	31 Jul 2023	4.62
24 Jul 2023	31 Jul 2023	4.59
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22 Aug 2023	31 Aug 2023	5.15
23 Aug 2023	31 Aug 2023	5.08
24 Aug 2023	31 Aug 2023	4.98
25 Aug 2023	31 Aug 2023	5.02
28 Aug 2023	31 Aug 2023	5.02

29 Aug 2023	31 Aug 2023	4.99
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31 Aug 2023	31 Aug 2023	4.87
01 Sept 2023	30 Sept 2023	4.83
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11 Sept 2023	30 Sept 2023	4.99
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26 Sept 2023	30 Sept 2023	5.21
27 Sept 2023	30 Sept 2023	5.18
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13 Oct 2023	31 Oct 2023	5.44
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08 Nov 2023	30 Nov 2023	5.14
09 Nov 2023	30 Nov 2023	5.04
10 Nov 2023	30 Nov 2023	5.15
13 Nov 2023	30 Nov 2023	5.20
14 Nov 2023	30 Nov 2023	5.17
15 Nov 2023	30 Nov 2023	5.03

16 Nov 2023	30 Nov 2023	5.02
17 Nov 2023	30 Nov 2023	4.92
20 Nov 2023	30 Nov 2023	4.95
21 Nov 2023	30 Nov 2023	4.93
22 Nov 2023	30 Nov 2023	4.95
23 Nov 2023	30 Nov 2023	4.95
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31 Jan 2024	31 Jan 2024	4.60
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02 Feb 2024	29 Feb 2024	4.56
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08 Feb 2024	29 Feb 2024	4.76

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12 Feb 2024	29 Feb 2024	4.87
13 Feb 2024	29 Feb 2024	4.87
14 Feb 2024	29 Feb 2024	4.94
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12 Apr 2024	30 Apr 2024	4.88
15 Apr 2024	30 Apr 2024	4.82
16 Apr 2024	30 Apr 2024	4.90
17 Apr 2024	30 Apr 2024	4.97
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19 Apr 2024	30 Apr 2024	4.86
22 Apr 2024	30 Apr 2024	4.93
23 Apr 2024	30 Apr 2024	4.88
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29 Apr 2024	30 Apr 2024	4.96
30 Apr 2024	30 Apr 2024	4.90
01 May 2024	31 May 2024	4.92

02 May 2024	31 May 2024	4.87
03 May 2024	31 May 2024	4.83
06 May 2024	31 May 2024	4.77
07 May 2024	31 May 2024	4.72
08 May 2024	31 May 2024	4.67
09 May 2024	31 May 2024	4.74
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16 Jul 2024	31 Jul 2024	4.37
17 Jul 2024	31 Jul 2024	4.39
18 Jul 2024	31 Jul 2024	4.35
19 Jul 2024	31 Jul 2024	4.37
22 Jul 2024	31 Jul 2024	4.40

23 Jul 2024	31 Jul 2024	4.40
24 Jul 2024	31 Jul 2024	4.41
25 Jul 2024	31 Jul 2024	4.43
26 Jul 2024	31 Jul 2024	4.38
29 Jul 2024	31 Jul 2024	4.36
30 Jul 2024	31 Jul 2024	4.40
31 Jul 2024	31 Jul 2024	4.34
01 Aug 2024	31 Aug 2024	4.27
02 Aug 2024	31 Aug 2024	4.24
05 Aug 2024	31 Aug 2024	4.16
06 Aug 2024	31 Aug 2024	4.22
07 Aug 2024	31 Aug 2024	4.31
08 Aug 2024	31 Aug 2024	4.29
09 Aug 2024	31 Aug 2024	4.26
12 Aug 2024	31 Aug 2024	4.25
13 Aug 2024	31 Aug 2024	4.23
14 Aug 2024	31 Aug 2024	4.17
15 Aug 2024	31 Aug 2024	4.15
16 Aug 2024	31 Aug 2024	4.13
19 Aug 2024	31 Aug 2024	4.19
20 Aug 2024	31 Aug 2024	4.21
21 Aug 2024	31 Aug 2024	4.17
22 Aug 2024	31 Aug 2024	4.18
23 Aug 2024	31 Aug 2024	4.20
26 Aug 2024	31 Aug 2024	4.17
27 Aug 2024	31 Aug 2024	4.22
28 Aug 2024	31 Aug 2024	4.26
29 Aug 2024	31 Aug 2024	4.29
30 Aug 2024	31 Aug 2024	4.27
02 Sept 2024	30 Sept 2024	4.31
03 Sept 2024	30 Sept 2024	4.30
04 Sept 2024	30 Sept 2024	4.22
05 Sept 2024	30 Sept 2024	4.19
06 Sept 2024	30 Sept 2024	4.17
09 Sept 2024	30 Sept 2024	4.23
10 Sept 2024	30 Sept 2024	4.21
11 Sept 2024	30 Sept 2024	4.15
12 Sept 2024	30 Sept 2024	4.15
13 Sept 2024	30 Sept 2024	4.10
16 Sept 2024	30 Sept 2024	4.07
17 Sept 2024	30 Sept 2024	4.10
18 Sept 2024	30 Sept 2024	4.13
19 Sept 2024	30 Sept 2024	4.18
20 Sept 2024	30 Sept 2024	4.18
23 Sept 2024	30 Sept 2024	4.21
24 Sept 2024	30 Sept 2024	4.21
25 Sept 2024	30 Sept 2024	4.20
26 Sept 2024	30 Sept 2024	4.23
27 Sept 2024	30 Sept 2024	4.23
30 Sept 2024	30 Sept 2024	4.25
01 Oct 2024	31 Oct 2024	4.23
02 Oct 2024	31 Oct 2024	4.23
03 Oct 2024	31 Oct 2024	4.27
04 Oct 2024	31 Oct 2024	4.27
07 Oct 2024	31 Oct 2024	4.32
08 Oct 2024	31 Oct 2024	4.30

09 Oct 2024	31 Oct 2024	4.30
10 Oct 2024	31 Oct 2024	4.36
11 Oct 2024	31 Oct 2024	4.40
14 Oct 2024	31 Oct 2024	4.45
15 Oct 2024	31 Oct 2024	4.42
16 Oct 2024	31 Oct 2024	4.40
17 Oct 2024	31 Oct 2024	4.40
18 Oct 2024	31 Oct 2024	4.43
21 Oct 2024	31 Oct 2024	4.43
22 Oct 2024	31 Oct 2024	4.48
23 Oct 2024	31 Oct 2024	4.51
24 Oct 2024	31 Oct 2024	4.49
25 Oct 2024	31 Oct 2024	4.42
29 Oct 2024	31 Oct 2024	4.44
30 Oct 2024	31 Oct 2024	4.45
31 Oct 2024	31 Oct 2024	4.47
01 Nov 2024	30 Nov 2024	4.47
04 Nov 2024	30 Nov 2024	4.56
05 Nov 2024	30 Nov 2024	4.55
06 Nov 2024	30 Nov 2024	4.67
07 Nov 2024	30 Nov 2024	4.71
08 Nov 2024	30 Nov 2024	4.66
11 Nov 2024	30 Nov 2024	4.68
12 Nov 2024	30 Nov 2024	4.67
13 Nov 2024	30 Nov 2024	4.74
14 Nov 2024	30 Nov 2024	4.79
15 Nov 2024	30 Nov 2024	4.78
18 Nov 2024	30 Nov 2024	4.74
19 Nov 2024	30 Nov 2024	4.69
20 Nov 2024	30 Nov 2024	4.69
21 Nov 2024	30 Nov 2024	4.71
22 Nov 2024	30 Nov 2024	4.67
25 Nov 2024	30 Nov 2024	4.56
26 Nov 2024	30 Nov 2024	4.50
27 Nov 2024	30 Nov 2024	4.54
28 Nov 2024	30 Nov 2024	4.48
29 Nov 2024	30 Nov 2024	4.46
02 Dec 2024	31 Dec 2024	4.42
03 Dec 2024	31 Dec 2024	4.38
04 Dec 2024	31 Dec 2024	4.41
05 Dec 2024	31 Dec 2024	4.45
06 Dec 2024	31 Dec 2024	4.46
09 Dec 2024	31 Dec 2024	4.42
10 Dec 2024	31 Dec 2024	4.41
11 Dec 2024	31 Dec 2024	4.42
12 Dec 2024	31 Dec 2024	4.48
13 Dec 2024	31 Dec 2024	4.51
16 Dec 2024	31 Dec 2024	4.53
17 Dec 2024	31 Dec 2024	4.55
18 Dec 2024	31 Dec 2024	4.53
19 Dec 2024	31 Dec 2024	4.57
20 Dec 2024	31 Dec 2024	4.64
23 Dec 2024	31 Dec 2024	4.56
24 Dec 2024	31 Dec 2024	4.57
27 Dec 2024	31 Dec 2024	4.51
30 Dec 2024	31 Dec 2024	4.59

31 Dec 2024	31 Dec 2024	4.52
03 Jan 2025	31 Jan 2025	4.51
06 Jan 2025	31 Jan 2025	4.56
07 Jan 2025	31 Jan 2025	4.58
08 Jan 2025	31 Jan 2025	4.65
09 Jan 2025	31 Jan 2025	4.63
10 Jan 2025	31 Jan 2025	4.64
13 Jan 2025	31 Jan 2025	4.71
14 Jan 2025	31 Jan 2025	4.79
15 Jan 2025	31 Jan 2025	4.86
16 Jan 2025	31 Jan 2025	4.76
17 Jan 2025	31 Jan 2025	4.74
20 Jan 2025	31 Jan 2025	4.74
21 Jan 2025	31 Jan 2025	4.66
22 Jan 2025	31 Jan 2025	4.66
23 Jan 2025	31 Jan 2025	4.66
24 Jan 2025	31 Jan 2025	4.63
27 Jan 2025	31 Jan 2025	4.63
28 Jan 2025	31 Jan 2025	4.56
29 Jan 2025	31 Jan 2025	4.54
30 Jan 2025	31 Jan 2025	4.57
31 Jan 2025	31 Jan 2025	4.59
03 Feb 2025	28 Feb 2025	4.53
04 Feb 2025	28 Feb 2025	4.55
05 Feb 2025	28 Feb 2025	4.54
07 Feb 2025	28 Feb 2025	4.57
10 Feb 2025	28 Feb 2025	4.60
11 Feb 2025	28 Feb 2025	4.60
12 Feb 2025	28 Feb 2025	4.65
13 Feb 2025	28 Feb 2025	4.66
14 Feb 2025	28 Feb 2025	4.61
17 Feb 2025	28 Feb 2025	4.64
18 Feb 2025	28 Feb 2025	4.65
19 Feb 2025	28 Feb 2025	4.68
20 Feb 2025	28 Feb 2025	4.67
21 Feb 2025	28 Feb 2025	4.68
24 Feb 2025	28 Feb 2025	4.63
25 Feb 2025	28 Feb 2025	4.59
26 Feb 2025	28 Feb 2025	4.59
27 Feb 2025	28 Feb 2025	4.60
28 Feb 2025	28 Feb 2025	4.50
03 Mar 2025	31 Mar 2025	4.52
04 Mar 2025	31 Mar 2025	4.49
05 Mar 2025	31 Mar 2025	4.60
06 Mar 2025	31 Mar 2025	4.69
07 Mar 2025	31 Mar 2025	4.63
10 Mar 2025	31 Mar 2025	4.64
11 Mar 2025	31 Mar 2025	4.62
12 Mar 2025	31 Mar 2025	4.68
13 Mar 2025	31 Mar 2025	4.66
14 Mar 2025	31 Mar 2025	4.66
17 Mar 2025	31 Mar 2025	4.69
18 Mar 2025	31 Mar 2025	4.68
19 Mar 2025	31 Mar 2025	4.65
20 Mar 2025	31 Mar 2025	4.59
21 Mar 2025	31 Mar 2025	4.61

24 Mar 2025	31 Mar 2025	4.62
25 Mar 2025	31 Mar 2025	4.62
26 Mar 2025	31 Mar 2025	4.62
27 Mar 2025	31 Mar 2025	4.68
28 Mar 2025	31 Mar 2025	4.65
31 Mar 2025	31 Mar 2025	4.59
01 Apr 2025	30 Apr 2025	4.58
02 Apr 2025	30 Apr 2025	4.54
03 Apr 2025	30 Apr 2025	4.44
04 Apr 2025	30 Apr 2025	4.34
07 Apr 2025	30 Apr 2025	4.39
08 Apr 2025	30 Apr 2025	4.54
09 Apr 2025	30 Apr 2025	4.76
10 Apr 2025	30 Apr 2025	4.65
11 Apr 2025	30 Apr 2025	4.77
14 Apr 2025	30 Apr 2025	4.72
15 Apr 2025	30 Apr 2025	4.59
16 Apr 2025	30 Apr 2025	4.59
17 Apr 2025	30 Apr 2025	4.53
22 Apr 2025	30 Apr 2025	4.56
23 Apr 2025	30 Apr 2025	4.55
24 Apr 2025	30 Apr 2025	4.52
28 Apr 2025	30 Apr 2025	4.45
29 Apr 2025	30 Apr 2025	4.48
30 Apr 2025	30 Apr 2025	4.44
01 May 2025	31 May 2025	4.46
02 May 2025	31 May 2025	4.44
05 May 2025	31 May 2025	4.49
06 May 2025	31 May 2025	4.57
07 May 2025	31 May 2025	4.52
08 May 2025	31 May 2025	4.48
09 May 2025	31 May 2025	4.51
12 May 2025	31 May 2025	4.55
13 May 2025	31 May 2025	4.62
14 May 2025	31 May 2025	4.65
15 May 2025	31 May 2025	4.64
16 May 2025	31 May 2025	4.61
19 May 2025	31 May 2025	4.68
20 May 2025	31 May 2025	4.66
21 May 2025	31 May 2025	4.68
22 May 2025	31 May 2025	4.68
23 May 2025	31 May 2025	4.66
26 May 2025	31 May 2025	4.62
27 May 2025	31 May 2025	4.58
28 May 2025	31 May 2025	4.62
29 May 2025	31 May 2025	4.64
30 May 2025	31 May 2025	4.56
03 Jun 2025	30 Jun 2025	4.60
04 Jun 2025	30 Jun 2025	4.55
05 Jun 2025	30 Jun 2025	4.53
06 Jun 2025	30 Jun 2025	4.62
09 Jun 2025	30 Jun 2025	4.65
10 Jun 2025	30 Jun 2025	4.63
11 Jun 2025	30 Jun 2025	4.62
12 Jun 2025	30 Jun 2025	4.57
13 Jun 2025	30 Jun 2025	4.55

16 Jun 2025	30 Jun 2025	4.63
17 Jun 2025	30 Jun 2025	4.61
18 Jun 2025	30 Jun 2025	4.60
19 Jun 2025	30 Jun 2025	4.59
23 Jun 2025	30 Jun 2025	4.58
24 Jun 2025	30 Jun 2025	4.56
25 Jun 2025	30 Jun 2025	4.51
26 Jun 2025	30 Jun 2025	4.49
27 Jun 2025	30 Jun 2025	4.52
30 Jun 2025	30 Jun 2025	4.54
01 Jul 2025	31 Jul 2025	4.48
02 Jul 2025	31 Jul 2025	4.50
03 Jul 2025	31 Jul 2025	4.53
04 Jul 2025	31 Jul 2025	4.54
07 Jul 2025	31 Jul 2025	4.52
08 Jul 2025	31 Jul 2025	4.55
09 Jul 2025	31 Jul 2025	4.60
10 Jul 2025	31 Jul 2025	4.52
11 Jul 2025	31 Jul 2025	4.52
14 Jul 2025	31 Jul 2025	4.56
15 Jul 2025	31 Jul 2025	4.58
16 Jul 2025	31 Jul 2025	4.59
17 Jul 2025	31 Jul 2025	4.58
18 Jul 2025	31 Jul 2025	4.60
21 Jul 2025	31 Jul 2025	4.57
22 Jul 2025	31 Jul 2025	4.56
23 Jul 2025	31 Jul 2025	4.53
24 Jul 2025	31 Jul 2025	4.58
25 Jul 2025	31 Jul 2025	4.60
28 Jul 2025	31 Jul 2025	4.57
29 Jul 2025	31 Jul 2025	4.56
30 Jul 2025	31 Jul 2025	4.52
31 Jul 2025	31 Jul 2025	4.51
01 Aug 2025	31 Aug 2025	4.52
04 Aug 2025	31 Aug 2025	4.47
05 Aug 2025	31 Aug 2025	4.42
06 Aug 2025	31 Aug 2025	4.45
07 Aug 2025	31 Aug 2025	4.41
08 Aug 2025	31 Aug 2025	4.40
11 Aug 2025	31 Aug 2025	4.41
12 Aug 2025	31 Aug 2025	4.39
13 Aug 2025	31 Aug 2025	4.40
14 Aug 2025	31 Aug 2025	4.40
15 Aug 2025	31 Aug 2025	4.43
18 Aug 2025	31 Aug 2025	4.45
19 Aug 2025	31 Aug 2025	4.49
20 Aug 2025	31 Aug 2025	4.39
21 Aug 2025	31 Aug 2025	4.35
22 Aug 2025	31 Aug 2025	4.38
25 Aug 2025	31 Aug 2025	4.38
26 Aug 2025	31 Aug 2025	4.38
27 Aug 2025	31 Aug 2025	4.37
28 Aug 2025	31 Aug 2025	4.34
29 Aug 2025	31 Aug 2025	4.35
01 Sept 2025	30 Sept 2025	4.37
02 Sept 2025	30 Sept 2025	4.42

03 Sept 2025	30 Sept 2025	4.48
04 Sept 2025	30 Sept 2025	4.43
05 Sept 2025	30 Sept 2025	4.40
08 Sept 2025	30 Sept 2025	4.35
09 Sept 2025	30 Sept 2025	4.31
10 Sept 2025	30 Sept 2025	4.33
11 Sept 2025	30 Sept 2025	4.30
12 Sept 2025	30 Sept 2025	4.28
15 Sept 2025	30 Sept 2025	4.32
16 Sept 2025	30 Sept 2025	4.28
17 Sept 2025	30 Sept 2025	4.27
18 Sept 2025	30 Sept 2025	4.23
19 Sept 2025	30 Sept 2025	4.20
22 Sept 2025	30 Sept 2025	4.23
23 Sept 2025	30 Sept 2025	4.22
24 Sept 2025	30 Sept 2025	4.20
25 Sept 2025	30 Sept 2025	4.22
26 Sept 2025	30 Sept 2025	4.23
29 Sept 2025	30 Sept 2025	4.21
30 Sept 2025	30 Sept 2025	4.19
01 Oct 2025	31 Oct 2025	4.22
02 Oct 2025	31 Oct 2025	4.19
03 Oct 2025	31 Oct 2025	4.21
06 Oct 2025	31 Oct 2025	4.23
07 Oct 2025	31 Oct 2025	4.23
08 Oct 2025	31 Oct 2025	4.18
09 Oct 2025	31 Oct 2025	4.11
10 Oct 2025	31 Oct 2025	4.14
13 Oct 2025	31 Oct 2025	4.10
14 Oct 2025	31 Oct 2025	4.09
15 Oct 2025	31 Oct 2025	4.04
16 Oct 2025	31 Oct 2025	4.00
17 Oct 2025	31 Oct 2025	3.96
20 Oct 2025	31 Oct 2025	4.00
21 Oct 2025	31 Oct 2025	3.97
22 Oct 2025	31 Oct 2025	3.96
23 Oct 2025	31 Oct 2025	3.98
24 Oct 2025	31 Oct 2025	4.00
28 Oct 2025	31 Oct 2025	4.01
29 Oct 2025	31 Oct 2025	4.05
30 Oct 2025	31 Oct 2025	4.09
31 Oct 2025	31 Oct 2025	4.06
03 Nov 2025	30 Nov 2025	4.09
04 Nov 2025	30 Nov 2025	4.10
05 Nov 2025	30 Nov 2025	4.09
06 Nov 2025	30 Nov 2025	4.13
07 Nov 2025	30 Nov 2025	4.08
10 Nov 2025	30 Nov 2025	4.11
11 Nov 2025	30 Nov 2025	4.11
12 Nov 2025	30 Nov 2025	4.10
13 Nov 2025	30 Nov 2025	4.18
14 Nov 2025	30 Nov 2025	4.29
17 Nov 2025	30 Nov 2025	4.30
18 Nov 2025	30 Nov 2025	4.28
19 Nov 2025	30 Nov 2025	4.21
20 Nov 2025	30 Nov 2025	4.25

21 Nov 2025	30 Nov 2025	4.28
24 Nov 2025	30 Nov 2025	4.28
25 Nov 2025	30 Nov 2025	4.27
26 Nov 2025	30 Nov 2025	4.33
27 Nov 2025	30 Nov 2025	4.34
28 Nov 2025	30 Nov 2025	4.36
01 Dec 2025	31 Dec 2025	4.41
02 Dec 2025	31 Dec 2025	4.47
03 Dec 2025	31 Dec 2025	4.40
04 Dec 2025	31 Dec 2025	4.38
05 Dec 2025	31 Dec 2025	4.45
08 Dec 2025	31 Dec 2025	4.53
09 Dec 2025	31 Dec 2025	4.58
10 Dec 2025	31 Dec 2025	4.61
11 Dec 2025	31 Dec 2025	4.57
12 Dec 2025	31 Dec 2025	4.60
15 Dec 2025	31 Dec 2025	4.58
16 Dec 2025	31 Dec 2025	4.54
17 Dec 2025	31 Dec 2025	4.55
18 Dec 2025	31 Dec 2025	4.53
19 Dec 2025	31 Dec 2025	4.49
22 Dec 2025	31 Dec 2025	4.57
23 Dec 2025	31 Dec 2025	4.55
24 Dec 2025	31 Dec 2025	4.55
29 Dec 2025	31 Dec 2025	4.53
30 Dec 2025	31 Dec 2025	4.48
31 Dec 2025	31 Dec 2025	4.50

Appendix B - Item 10

Note: The rate must be:

- taken from the 10 year column
- the last 60 months
- must run from January to December

Months	Rate
Jan	1.04
Feb	1.46
Mar	1.76
Apr	1.67
May	1.81
Jun	1.76
Jul	1.58
Aug	1.65
Sep	1.88
Oct	2.23
Nov	2.57
Dec	2.37
Jan	2.56
Feb	2.73
Mar	3.07
Apr	3.47
May	3.65
Jun	3.98
Jul	3.65
Aug	3.57
Sep	4.06
Oct	4.41
Nov	4.28
Dec	4.21
Jan	4.13
Feb	4.31
Mar	4.34
Apr	4.09
May	4.22
Jun	4.49
Jul	4.64
Aug	4.91
Sep	5.05
Oct	5.47
Nov	5.08
Dec	4.70
Jan	4.65
Feb	4.80
Mar	4.64
Apr	4.82
May	4.75
Jun	4.64
Jul	4.50
Aug	4.22
Sep	4.19
Oct	4.38
Nov	4.63
Dec	4.49
Jan	4.65
Feb	4.61
Mar	4.63
Apr	4.55
May	4.59
Jun	4.58
Jul	4.55
Aug	4.41
Sep	4.29
Oct	4.08
Nov	4.21
Dec	4.52
Total	229.23

Total for the last 5 years	229.23
Average over the last 5 years	3.82
Add 1.74%	5.56
SLS interest rate	5.6