

### Monthly Effective Rates for 25-Year Debenture

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>2020</b>	3.71	3.46	2.88	3.03	2.76	2.60	2.41	2.27	2.41	2.56	2.53	2.63
<b>2021</b>	2.70	2.76	3.05	3.07	2.94	2.89	2.82	2.87	2.98	2.91	2.92	3.03
<b>2022</b>	3.22	3.60	3.93	4.68	5.12	5.19	5.11	4.98	5.44	6.22	6.31	6.11
<b>2023</b>	6.31	6.02	6.33	5.88	6.03	6.33	6.58	6.55	6.81	7.12	7.01	6.59
<b>2024</b>	6.37	6.39	6.29	6.70	6.56	6.35	6.21	6.05	5.77	6.08		

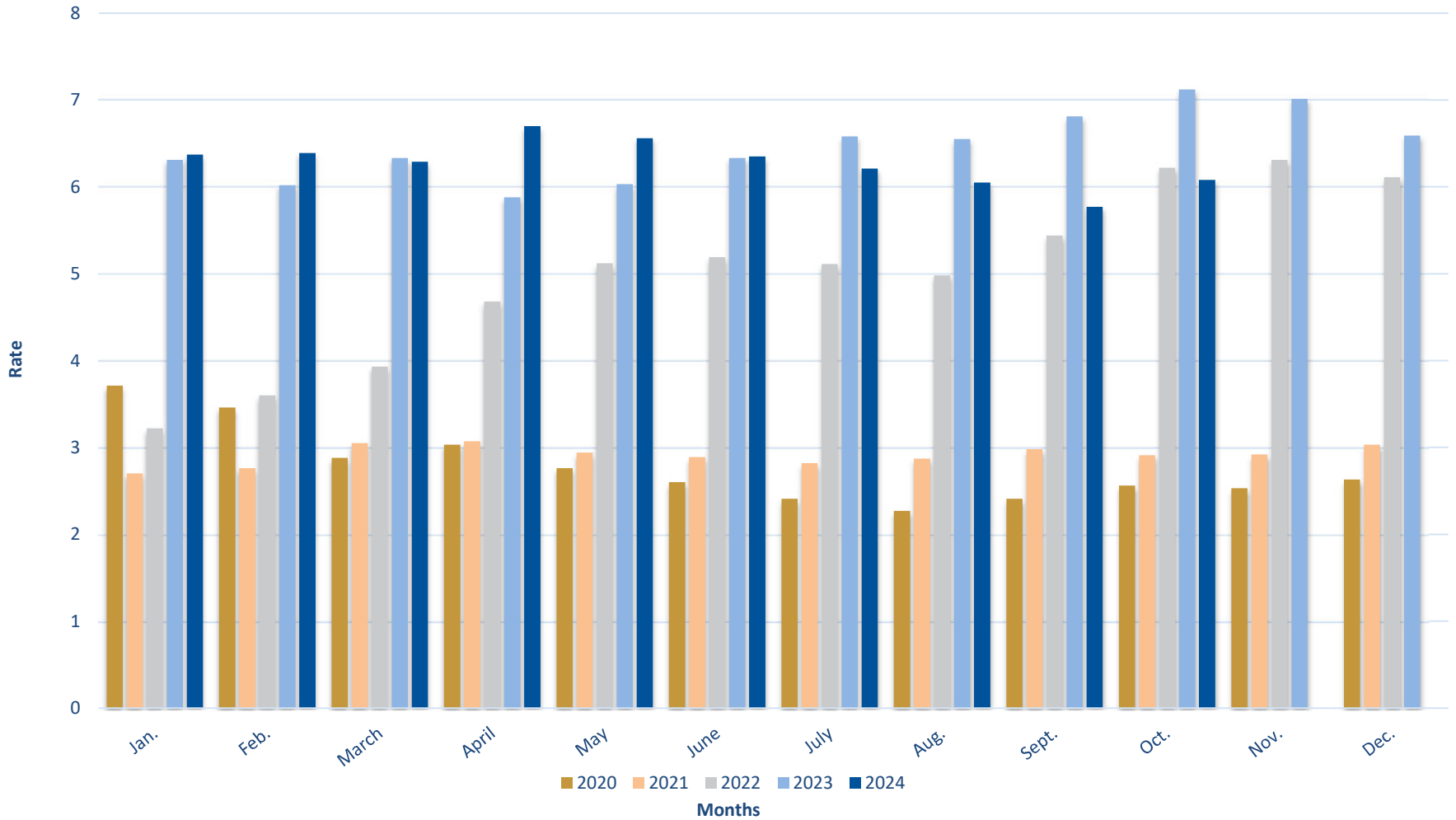
### Monthly Effective Rates for 20-Year Debenture

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>2020</b>	3.64	3.39	2.81	2.96	2.69	2.53	2.35	2.21	2.37	2.53	2.50	2.59
<b>2021</b>	2.66	2.72	3.00	3.02	2.85	2.77	2.70	2.75	2.86	2.76	2.77	2.88
<b>2022</b>	3.07	3.45	3.77	4.62	5.06	5.13	5.05	4.89	5.34	6.13	6.23	6.03
<b>2023</b>	6.28	5.99	6.33	5.96	6.08	6.39	6.64	6.61	6.87	7.18	7.02	6.61
<b>2024</b>	6.43	6.50	6.37	6.77	6.66	6.45	6.28	6.12	5.83	6.15		

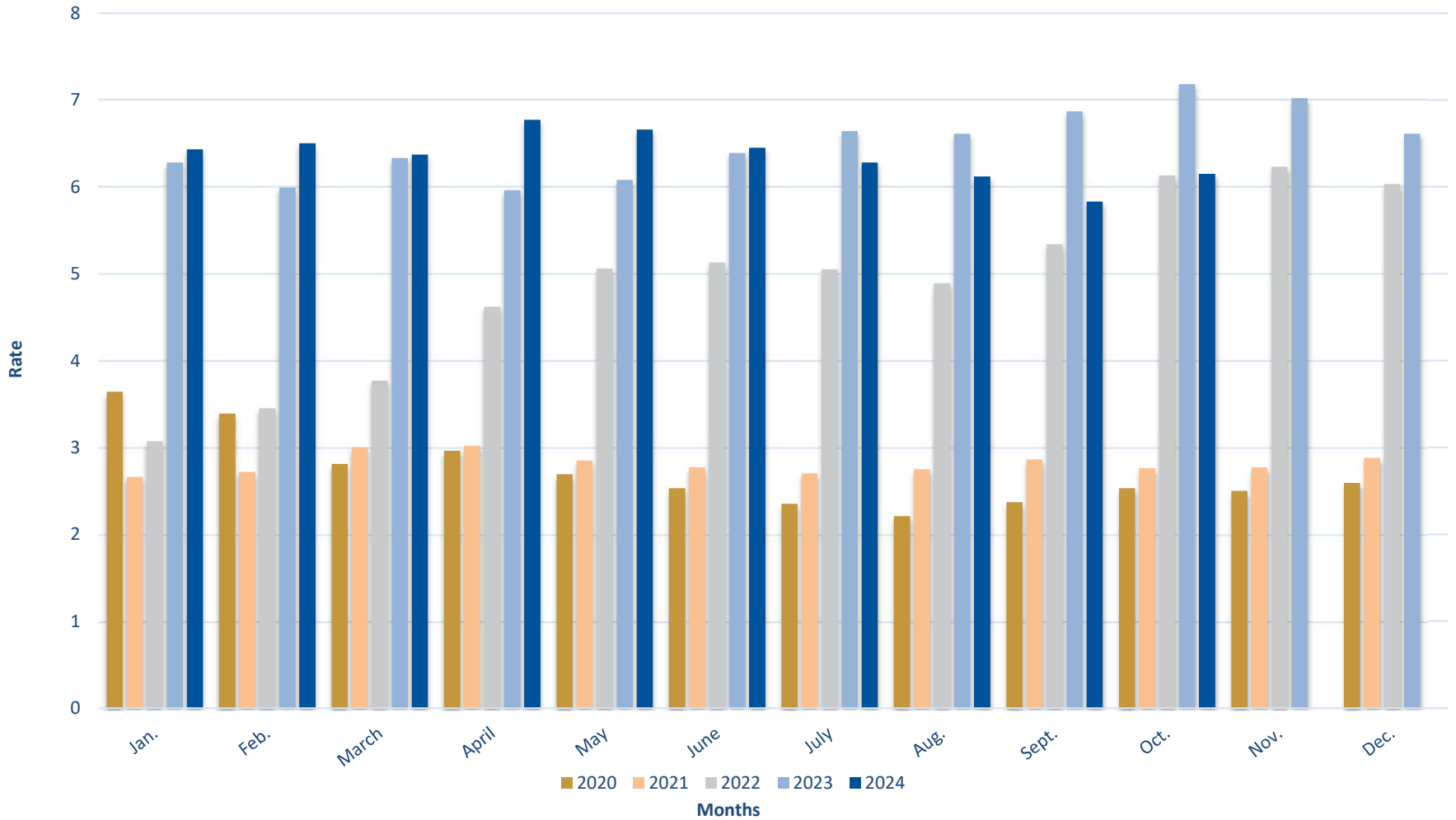
### Monthly Effective Rates for 10-Year Debenture

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>2020</b>	3.80		2.85		2.65		2.40		2.29		2.36	
<b>2021</b>	2.45		2.70		2.62		2.60		2.69		2.79	
<b>2022</b>	3.07		3.82		4.93		4.97		5.32		6.27	
<b>2023</b>	6.43		6.78		6.05		7.08		7.07		7.20	
<b>2024</b>	6.54		6.60		6.91		6.49		5.88			

## Historical Monthly Effective Rates for 25-Year Debenture



## Historical Monthly Effective Rates for 20-Year Debenture



## Bi-Monthly Effective Rates for 10 Year Debenture

