<u>Maturity</u>	<u>Yields</u>						
		1 Month		3 Months		6 Months	
1 Month	5.385%	5.385%	0.000%	5.430%	0.045%	5.482%	0.097%
3 Month	5.430%	5.385%	0.045%	5.430%	0.000%	5.482%	0.052%
6 Month	5.482%	5.385%	0.097%	5.430%	0.052%	5.482%	0.000%
1 Year	5.354%	5.385%	-0.031%	5.430%	-0.076%	5.482%	-0.128%
2 Year	4.893%	5.385%	-0.492%	5.430%	-0.537%	5.482%	-0.589%
3 Year	4.575%	5.385%	-0.810%	5.430%	-0.855%	5.482%	-0.907%
5 Year	4.303%	5.385%	-1.082%	5.430%	-1.127%	5.482%	-1.179%
7 Year	4.254%	5.385%	-1.131%	5.430%	-1.176%	5.482%	-1.228%
10 Year	4.158%	5.385%	-1.227%	5.430%	-1.272%	5.482%	-1.324%
20 Year	4.447%	5.385%	-0.938%	5.430%	-0.983%	5.482%	-1.035%
30 Year	4.264%	5.385%	-1.121%	5.430%	-1.166%	5.482%	-1.218%
Maturity	<u>Yields</u>	1 YEAR		2 YEAR		3 YEAR	
1 Month	5.385%	5.354%	-0.031%	4.893%	-0.492%	4.575%	-0.810%
3 Month	5.430%	5.354%	-0.076%	4.893%	-0.537%	4.575%	-0.855%
6 Month	5.482%	5.354%	-0.128%	4.893%	-0.589%	4.575%	-0.907%
1 Year	5.354%	5.354%	0.000%	4.893%	-0.461%	4.575%	-0.779%
2 Year	4.893%	5.354%	-0.461%	4.893%	0.000%	4.575%	-0.318%
3 Year	4.575%	5.354%	-0.779%	4.893%	-0.318%	4.575%	0.000%
5 Year	4.303%	5.354%	-1.051%	4.893%	-0.590%	4.575%	-0.272%
7 Year	4.254%	5.354%	-1.100%	4.893%	-0.639%	4.575%	-0.321%
10 Year	4.158%	5.354%	-1.196%	4.893%	-0.735%	4.575%	-0.417%
20 Year	4.447%	5.354%	-0.907%	4.893%	-0.446%	4.575%	-0.128%
30 Year	4.264%	5.354%	-1.090%	4.893%	-0.629%	4.575%	-0.311%
Maturity	Yields	5 YEAR		7 YEAR		10 YEAR	
1 Month	5.385%	4.303%	-1.082%	4.254%	-1.131%	4.158%	-1.227%
3 Month			-1.127%	4.05.40/	4.4700/	4.158%	-1.272%
	5.430%	4.303%	-1.121/0	4.254%	-1.176%	4.13076	-1.2/270
6 Month	5.430% 5.482%	4.303% 4.303%	-1.179%	4.254%	-1.176%	4.158%	-1.324%
6 Month 1 Year							
	5.482%	4.303%	-1.179%	4.254%	-1.228%	4.158%	-1.324%
1 Year	5.482% 5.354%	4.303% 4.303%	-1.179% -1.051%	4.254% 4.254%	-1.228% -1.100%	4.158% 4.158%	-1.324% -1.196%
1 Year 2 Year	5.482% 5.354% 4.893%	4.303% 4.303% 4.303%	-1.179% -1.051% -0.590%	4.254% 4.254% 4.254%	-1.228% -1.100% -0.639%	4.158% 4.158% 4.158%	-1.324% -1.196% -0.735%
1 Year 2 Year 3 Year	5.482% 5.354% 4.893% 4.575%	4.303% 4.303% 4.303% 4.303%	-1.179% -1.051% -0.590% -0.272%	4.254% 4.254% 4.254% 4.254%	-1.228% -1.100% -0.639% -0.321%	4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417%
1 Year 2 Year 3 Year 5 Year	5.482% 5.354% 4.893% 4.575% 4.303%	4.303% 4.303% 4.303% 4.303% 4.303%	-1.179% -1.051% -0.590% -0.272% 0.000%	4.254% 4.254% 4.254% 4.254% 4.254%	-1.228% -1.100% -0.639% -0.321% -0.049%	4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145%
1 Year 2 Year 3 Year 5 Year 7 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144% -0.039%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year 30 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447% 4.264%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144% -0.039%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year 30 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447% 4.264%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 20 YEAR	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144% -0.039%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 30 YEARS	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193% 0.010%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year 30 Year Maturity 1 Month	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447% 4.264% Yields 5.385%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144% -0.039%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193% 0.010% -1.121%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year 30 Year Maturity 1 Month 3 Month	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447% 4.264% Yields 5.385% 5.430%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.4303% 4.447%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144% -0.039% -0.938% -0.983%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.264%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193% 0.010% -1.121% -1.166%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year 30 Year Maturity 1 Month 3 Month 6 Month	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447% 4.264% Yields 5.385% 5.430% 5.482%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.447% 4.447% 4.447%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144% -0.039% -0.938% -0.938% -1.035%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.264% 4.264%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193% 0.010% -1.121% -1.166% -1.218%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year 30 Year Maturity 1 Month 3 Month 6 Month 1 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447% 4.264% Yields 5.385% 5.430% 5.482% 5.354%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.447% 4.447% 4.447% 4.447%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144% -0.039% -0.938% -0.983% -1.035% -0.907%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.264% 4.264% 4.264%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193% 0.010% -1.121% -1.166% -1.218% -1.090%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year 30 Year Maturity 1 Month 3 Month 6 Month 1 Year 2 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447% 4.264% Yields 5.385% 5.430% 5.482% 5.354% 4.893%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.447% 4.447% 4.447% 4.447% 4.447%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144% -0.039% -0.983% -1.035% -0.9907% -0.446%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.264% 4.264% 4.264% 4.264% 4.264%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193% 0.010% -1.121% -1.166% -1.218% -1.090% -0.629%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year 30 Year Maturity 1 Month 3 Month 6 Month 1 Year 2 Year 3 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447% 4.264% Yields 5.385% 5.430% 5.482% 5.354% 4.893% 4.575%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.447% 4.447% 4.447% 4.447% 4.447%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144% -0.039% -0.983% -1.035% -0.907% -0.446% -0.128%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193% 0.010% -1.121% -1.166% -1.218% -1.090% -0.629% -0.311%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year 30 Year Maturity 1 Month 3 Month 6 Month 1 Year 2 Year 3 Year 5 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447% 4.264% 	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.447% 4.447% 4.447% 4.447% 4.447% 4.447%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144% -0.039% -0.983% -1.035% -0.907% -0.446% -0.128% 0.144%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193% 0.010% -1.121% -1.166% -1.218% -1.090% -0.629% -0.311% -0.039%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year 30 Year Maturity 1 Month 3 Month 6 Month 1 Year 2 Year 3 Year 5 Year 7 Year 7 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447% 4.264% Yields 5.385% 5.430% 5.482% 5.354% 4.893% 4.575% 4.303% 4.254%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.4447% 4.447% 4.447% 4.447% 4.447% 4.447% 4.447% 4.447%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144% -0.039% -0.938% -0.983% -1.035% -0.907% -0.446% -0.128% 0.144% 0.193%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193% 0.010% -1.121% -1.166% -1.218% -1.090% -0.629% -0.311% -0.039% 0.010%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%
1 Year 2 Year 3 Year 5 Year 7 Year 10 Year 20 Year 30 Year Maturity 1 Month 3 Month 6 Month 1 Year 2 Year 3 Year 5 Year 7 Year 10 Year	5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158% 4.447% 4.264% Yields 5.385% 5.430% 5.482% 5.354% 4.893% 4.575% 4.303% 4.254% 4.158%	4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.303% 4.447% 4.447% 4.447% 4.447% 4.447% 4.447% 4.447% 4.447% 4.447% 4.447% 4.447% 4.447% 4.447%	-1.179% -1.051% -0.590% -0.272% 0.000% -0.049% -0.145% 0.144% -0.039% -0.983% -1.035% -0.907% -0.446% -0.128% 0.144% 0.193% 0.289%	4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.254% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264% 4.264%	-1.228% -1.100% -0.639% -0.321% -0.049% 0.000% -0.096% 0.193% 0.010% -1.121% -1.166% -1.218% -1.090% -0.629% -0.311% -0.039% 0.010% 0.106%	4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158% 4.158%	-1.324% -1.196% -0.735% -0.417% -0.145% -0.096% 0.000% 0.289%