

HISTORICAL INTEREST RATES - ALBERTA CAPITAL FINANCE AUTHORITY

This chart represents historical lending and indicative rates for ACFA borrowers. It has been compiled from data sources within ACFA and efforts have been made to ensure its accuracy, however some data is unavailable.

	2018	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	2018	January 1, 2018	2.146%	2.355%	2.718%	2.936%	3.064%	3.142%
January 15, 2018		2.190%	2.418%	2.810%	3.001%	3.121%	3.200%	3.248%
February 1, 2018		2.269%	2.514%	2.937%	3.134%	3.233%	3.286%	3.313%
February 15, 2018		2.250%	2.515%	2.975%	3.177%	3.304%	3.392%	3.435%
March 1, 2018		2.179%	2.421%	2.828%	3.022%	3.155%	3.242%	3.288%
March 15, 2018		2.181%	2.420%	2.847%	3.098%	3.216%	3.304%	3.390%
April 1, 2018		2.223%	2.456%	2.831%	3.013%	3.138%	3.225%	3.274%
April 15, 2018		2.335%	2.580%	2.951%	3.144%	3.255%	3.321%	3.358%
May 1, 2018		2.360%	2.619%	3.013%	3.215%	3.328%	3.394%	3.432%
May 15, 2018		2.452%	2.716%	3.102%	3.292%	3.392%	3.447%	3.474%
June 1, 2018		2.368%	2.595%	2.937%	3.098%	3.184%	3.228%	3.250%
June 15, 2018		2.341%	2.440%	2.832%	3.046%	3.108%	3.177%	3.250%
July 1, 2018		2.363%	2.554%	2.841%	2.993%	3.075%	3.124%	3.148%
July 15, 2018		2.397%	2.579%	2.861%	3.019%	3.112%	3.165%	3.190%
August 1, 2018		2.501%	2.712%	3.029%	3.193%	3.285%	3.330%	3.348%
August 15, 2018		2.516%	2.694%	2.966%	3.110%	3.199%	3.247%	3.271%
September 1, 2018		2.491%	2.666%	2.952%	3.104%	3.189%	3.236%	3.258%
September 15, 2018		2.547%	2.680%	2.899%	3.051%	3.209%	3.247%	3.204%
October 1, 2018		2.679%	2.872%	3.172%	3.323%	3.398%	3.432%	3.444%
October 15, 2018		2.678%	2.858%	3.160%	3.330%	3.430%	3.483%	3.505%
November 1, 2018		2.747%	2.9200%	3.201%	3.359%	3.454%	3.509%	3.533%
November 15, 2018		2.699%	2.867%	3.155%	3.326%	3.424%	3.482%	3.509%
December 1, 2018		2.649%	2.803%	3.087%	3.274%	3.389%	3.454%	3.485%
December 15, 2018		2.486%	2.686%	3.007%	3.201%	3.254%	3.339%	3.367%
2017	2017	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	January 1, 2017	1.369%	1.706%	2.409%	2.883%	3.185%	3.364%	3.465%
	January 15, 2017	1.352%	1.690%	2.397%	2.875%	3.177%	3.357%	3.461%
	February 1, 2017	1.326%	1.676%	2.432%	2.934%	3.243%	3.432%	3.546%
	February 15, 2017	1.349%	1.701%	2.423%	2.917%	3.235%	3.432%	3.552%
	March 1, 2017	1.087%	1.420%	2.110%	2.589%	2.917%	3.123%	3.245%
	March 15, 2017	1.400%	1.660%	2.277%	2.828%	3.022%	3.315%	3.458%
	April 1, 2017	1.322%	1.641%	2.324%	2.795%	3.108%	3.304%	3.422%
	April 15, 2017	1.342%	1.651%	2.249%	2.701%	3.001%	3.189%	3.300%
	May 1, 2017	1.317%	1.616%	2.195%	2.632%	2.938%	3.135%	3.256%
	May 15, 2017	1.285%	1.596%	2.202%	2.653%	2.975%	3.185%	3.315%
	June 1, 2017	1.243%	1.499%	2.033%	2.448%	2.732%	2.918%	3.034%
	June 15, 2017	1.395%	1.471%	1.995%	2.420%	2.711%	2.915%	2.988%
	July 1, 2017	1.628%	1.918%	2.440%	2.764%	2.969%	3.105%	3.186%
	July 15, 2017	1.725%	2.017%	2.411%	2.820%	3.051%	3.190%	3.271%
	August 1, 2017	1.791%	2.105%	2.549%	2.966%	3.204%	3.348%	3.433%
	August 15, 2017	1.753%	2.023%	2.430%	2.835%	3.076%	3.227%	3.317%
	September 1, 2017	1.823%	2.079%	2.570%	2.886%	3.083%	3.211%	3.287%
	September 15, 2017	2.074%	2.270%	2.6705%	3.023%	3.130%	3.235%	3.300%
	October 1, 2017	2.022%	2.285%	2.772%	3.091%	3.284%	3.405%	3.477%
	October 15, 2017	2.010%	2.245%	2.693%	2.989%	3.176%	3.289%	3.356%
	November 1, 2017	1.880%	2.125%	2.612%	2.971%	3.204%	3.316%	3.340%
	November 15, 2017	1.912%	2.142%	2.560%	2.825%	2.992%	3.097%	3.161%
	December 1, 2017	1.880%	2.109%	2.517%	2.791%	2.958%	3.060%	3.121%
December 15, 2017	1.942%	2.134%	2.532%	2.768%	2.915%	3.0035%	3.164%	

	2016	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	January 1, 2016	1.017%	1.315%	2.019%	2.528%	2.854%	3.057%	3.175%
January 15, 2016	0.906%	1.261%	1.962%	2.476%	2.814%	3.030%	3.161%	
February 1, 2016	1.023%	1.376%	2.073%	2.593%	2.935%	3.153%	3.284%	
February 15, 2016	1.011%	1.337%	2.035%	2.552%	2.885%	3.098%	3.221%	
March 1, 2016	1.073%	1.380%	2.109%	2.624%	2.958%	3.170%	3.295%	
March 15, 2016	1.084%	1.373%	2.081%	2.498%	2.859%	3.153%	3.241%	
April 1, 2016	1.061%	1.320%	1.934%	2.425%	2.769%	2.982%	3.108%	
April 15, 2016	1.091%	1.352%	1.946%	2.435%	2.766%	2.968%	3.084%	
May 1, 2016	1.173%	1.447%	2.129%	2.612%	2.916%	3.099%	3.202%	
May 15, 2016	1.082%	1.344%	1.998%	2.493%	2.828%	3.038%	3.158%	
June 1, 2016	1.132%	1.390%	2.017%	2.510%	2.832%	3.029%	3.142%	
June 15, 2016	1.019%	1.238%	1.860%	2.351%	2.753%	2.881%	2.935%	
July 1, 2016	0.976%	1.166%	1.707%	2.162%	2.460%	2.638%	2.740%	
July 15, 2016	1.031%	1.252%	1.808%	2.256%	2.557%	2.739%	2.842%	
August 1, 2016	1.004%	1.206%	1.740%	2.176%	2.465%	2.638%	2.738%	
August 15, 2016	0.989%	1.210%	1.749%	2.179%	2.470%	2.648%	2.748%	
September 1, 2016	1.033%	1.244%	1.763%	2.189%	2.475%	2.650%	2.750%	
September 15, 2016	1.024%	1.263%	1.782%	2.151%	2.446%	2.649%	2.719%	
October 1, 2016	0.986%	1.199%	1.723%	2.157%	2.450%	2.627%	2.730%	
October 15, 2016	1.023%	1.250%	1.828%	2.273%	2.565%	2.742%	2.847%	
November 1, 2016	1.006%	1.248%	1.862%	2.310%	2.604%	2.785%	2.891%	
November 15, 2016	1.149%	1.459%	2.157%	2.642%	2.950%	3.138%	3.248%	
December 1, 2016	1.281%	1.596%	2.275%	2.735%	3.029%	3.205%	3.306%	
December 15, 2016	1.398%	1.597%	2.299%	2.798%	3.058%	3.245%	3.374%	
	2015	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
January 1, 2015	1.377%	1.602%	2.174%	2.584%	2.844%	3.007%	3.103%	
January 15, 2015	1.231%	1.407%	1.976%	2.384%	2.642%	2.812%	2.915%	
February 1, 2015	0.784%	0.954%	1.538%	1.991%	2.288%	2.485%	2.608%	
February 15, 2015	0.853%	1.086%	1.678%	2.126%	2.430%	2.634%	2.760%	
March 1, 2015	0.893%	1.087%	1.637%	2.068%	2.361%	2.549%	2.663%	
March 15, 2015	0.999%	1.213%	1.779%	2.235%	2.511%	2.782%	2.779%	
April 1, 2015	0.920%	1.116%	1.679%	2.105%	2.387%	2.571%	2.684%	
April 15, 2015	0.926%	1.105%	1.620%	2.031%	2.315%	2.509%	2.633%	
May 1, 2015	1.127%	1.362%	1.931%	2.337%	2.602%	2.776%	2.886%	
May 15, 2015	1.101%	1.372%	2.052%	2.487%	2.770%	2.957%	3.069%	
June 1, 2015	1.003%	1.251%	1.907%	2.347%	2.628%	2.809%	2.918%	
June 15, 2015	1.088%	1.339%	2.031%	2.569%	2.765%	2.943%	3.127%	
July 1, 2015	0.968%	1.238%	1.962%	2.430%	2.725%	2.920%	3.036%	
July 15, 2015	0.913%	1.191%	1.933%	2.413%	2.714%	2.913%	3.032%	
August 1, 2015	0.845%	1.175%	1.805%	2.270%	2.573%	2.769%	2.889%	
August 15, 2015	0.856%	1.113%	1.778%	2.251%	2.563%	2.764%	2.886%	
September 1, 2015	0.901%	1.212%	1.953%	2.459%	2.787%	2.998%	3.121%	
September 15, 2015	0.735%	1.088%	1.835%	2.385%	2.718%	2.973%	3.070%	
October 1, 2015	1.011%	1.323%	2.037%	2.526%	2.847%	3.059%	3.189%	
October 15, 2015	1.028%	1.344%	2.068%	2.579%	2.908%	3.120%	3.246%	
November 1, 2015	1.044%	1.357%	2.089%	2.610%	2.936%	3.142%	3.266%	
November 15, 2015	1.085%	1.417%	2.196%	2.708%	3.023%	3.221%	3.335%	
December 1, 2015	1.103%	1.407%	2.125%	2.612%	2.918%	3.111%	3.225%	
December 15, 2015	0.708%	1.124%	1.949%	2.459%	2.831%	3.039%	3.189%	

2014	2014	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	January 1, 2014	1.654%	2.081%	2.931%	3.426%	3.700%	3.859%	3.948%
	January 15, 2014	1.682%	2.111%	2.949%	3.451%	3.725%	3.882%	3.967%
	February 1, 2014	1.337%	1.696%	2.538%	3.057%	3.358%	3.545%	3.661%
	February 15, 2014	1.392%	1.762%	2.622%	3.158%	3.462%	3.647%	3.760%
	March 1, 2014	1.378%	1.717%	2.514%	3.034%	3.340%	3.527%	3.640%
	March 15, 2014	N/A	1.716%	2.570%	3.125%	3.406%	3.619%	3.730%
	April 1, 2014	1.425%	1.779%	2.603%	3.121%	3.434%	3.619%	3.723%
	April 15, 2014	1.414%	1.765%	2.581%	3.104%	3.416%	3.604%	3.708%
	May 1, 2014	1.422%	1.772%	2.586%	3.094%	3.395%	3.579%	3.685%
	May 15, 2014	1.400%	1.714%	2.481%	2.988%	3.291%	3.478%	3.585%
	June 1, 2014	1.403%	1.691%	2.450%	2.944%	3.241%	3.421%	3.520%
	June 15, 2014	1.440%	1.758%	2.519%	3.008%	3.304%	3.484%	3.579%
	July 1, 2014	1.445%	1.725%	2.448%	2.925%	3.219%	3.400%	3.493%
	July 15, 2014	1.455%	1.744%	2.451%	2.920%	3.208%	3.387%	3.482%
	August 1, 2014	1.446%	1.728%	2.412%	2.855%	3.132%	3.304%	3.398%
	August 15, 2014	1.427%	1.677%	2.329%	2.776%	3.057%	3.232%	3.327%
	September 1, 2014	1.458%	1.698%	2.294%	2.714%	2.984%	3.155%	3.251%
	September 15, 2014	1.520%	1.719%	2.404%	2.814%	3.124%	3.228%	3.359%
	October 1, 2014	1.501%	1.772%	2.437%	2.861%	3.124%	3.292%	3.382%
	October 15, 2014	1.324%	1.575%	2.241%	2.685%	2.964%	3.143%	3.239%
	November 1, 2014	1.472%	1.747%	2.383%	2.800%	3.063%	3.232%	3.325%
	November 15, 2014	1.443%	1.729%	2.384%	2.818%	3.089%	3.258%	3.355%
	December 1, 2014	1.393%	1.649%	2.250%	2.662%	2.925%	3.093%	3.190%
December 15, 2014	1.346%	1.637%	2.314%	2.676%	2.957%	3.096%	3.181%	
2013	2013	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	February 15, 2013	1.462%	1.745%	2.420%	2.875%	3.154%	3.329%	3.421%
	March 1, 2013	1.315%	1.567%	2.231%	2.713%	3.016%	3.206%	3.309%
	March 15, 2013	1.189%	1.458%	2.229%	2.705%	3.033%	3.238%	n/a
	April 2, 2013	1.349%	1.606%	2.235%	2.702%	3.000%	3.195%	3.306%
	April 15, 2013	1.307%	1.537%	2.128%	2.591%	2.899%	3.100%	3.214%
	May 1, 2013	1.300%	1.525%	2.102%	2.551%	2.854%	3.059%	3.181%
	May 15, 2013	1.386%	1.651%	2.282%	2.735%	3.036%	3.234%	3.353%
	June 1, 2013	1.431%	1.702%	2.375%	2.823%	3.113%	3.300%	3.406%
	June 15, 2013	n/a	1.684%	2.499%	2.959%	3.253%	3.324%	n/a
	July 1, 2013	1.620%	1.981%	2.693%	3.181%	3.441%	3.612%	3.720%
	July 15, 2013	1.553%	1.923%	2.712%	3.180%	3.424%	3.592%	3.703%
	August 1, 2013	1.590%	1.958%	2.753%	3.219%	3.466%	3.638%	3.755%
	August 15, 2013	1.645%	2.062%	2.902%	3.387%	3.641%	3.809%	3.916%
	September 1, 2013	1.625%	2.014%	2.867%	3.372%	3.661%	3.831%	3.922%
	September 15, 2013	1.753%	2.199%	3.079%	3.586%	3.866%	4.046%	n/a
	October 1, 2013	1.586%	1.993%	2.825%	3.329%	3.624%	3.796%	3.890%
	October 15, 2013	1.609%	2.038%	2.911%	3.439%	3.750%	3.936%	4.041%
	November 1, 2013	1.570%	2.022%	2.903%	3.424%	3.728%	3.909%	4.017%
	November 15, 2013	1.615%	2.067%	2.954%	3.463%	3.748%	3.910%	4.000%
	December 1, 2013	1.647%	2.088%	2.970%	3.502%	3.802%	3.969%	4.057%
	December 15, 2013	1.428%	1.797%	2.756%	3.295%	3.623%	3.895%	3.906%

2012	2012	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	January 1, 2012	1.330%	1.577%	2.303%	2.755%	3.027%	3.193%	3.280%
	January 15, 2012	1.292%	1.532%	2.232%	2.697%	2.974%	3.148%	3.238%
	February 1, 2012	1.325%	1.527%	2.203%	2.663%	2.947%	3.125%	3.219%
	February 15, 2012	1.503%	1.694%	2.360%	2.800%	3.073%	3.243%	3.331%
	March 1, 2012	1.571%	1.776%	2.403%	2.839%	3.109%	3.277%	3.366%
	March 15, 2012	n/a	1.813%	2.439%	2.769%	3.064%	3.263%	3.315%
	April 1, 2012	1.652%	1.896%	2.552%	2.958%	3.202%	3.354%	3.433%
	April 15, 2012	1.677%	1.916%	2.536%	2.938%	3.184%	3.336%	3.415%
	May 1, 2012	1.769%	1.967%	2.562%	2.965%	3.223%	3.383%	3.461%
	May 15, 2012	1.642%	1.858%	2.440%	2.833%	3.082%	3.242%	3.330%
	June 1, 2012	1.446%	1.649%	2.239%	2.637%	2.901%	3.070%	3.160%
	June 15, 2012	1.383%	1.589%	2.269%	2.634%	2.922%	3.115%	n/a
	July 1, 2012	1.409%	1.626%	2.223%	2.645%	2.930%	3.110%	3.204%
	July 15, 2012	1.352%	1.566%	2.143%	2.556%	2.835%	3.012%	3.108%
	August 1, 2012	1.404%	1.606%	2.167%	2.569%	2.835%	3.003%	3.093%
	August 15, 2012	1.498%	1.728%	2.308%	2.692%	2.950%	3.114%	3.199%
	September 1, 2012	1.467%	1.670%	2.201%	2.623%	2.904%	3.073%	3.158%
	September 15, 2012	1.501%	1.720%	2.308%	2.744%	3.023%	3.194%	3.280%
	October 1, 2012	1.372%	1.592%	2.136%	2.571%	2.856%	3.025%	3.114%
	October 15, 2012	1.403%	1.629%	2.213%	2.654%	2.946%	3.124%	3.214%
	November 1, 2012	1.394%	1.626%	2.212%	2.658%	2.944%	3.116%	3.202%
	November 15, 2012	1.393%	1.621%	2.180%	2.603%	2.884%	3.063%	3.155%
	December 1, 2012	1.354%	1.596%	2.199%	2.629%	2.906%	3.079%	3.166%
	December 15, 2012	1.427%	1.661%	2.253%	2.684%	2.958%	3.130%	3.219%
2011	2011	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	January 1, 2011	2.055%	2.429%	3.213%	3.662%	3.923%	4.085%	4.168%
	January 15, 2011	2.164%	2.572%	3.402%	3.876%	4.146%	4.303%	4.382%
	February 1, 2011	2.019%	2.462%	3.343%	3.838%	4.116%	4.283%	4.366%
	February 15, 2011	2.237%	2.701%	3.545%	3.986%	4.223%	4.367%	4.439%
	March 1, 2011	2.200%	2.629%	3.430%	3.866%	4.112%	4.262%	4.339%
	March 15, 2011	n/a	n/a	3.564%	3.970%	4.269%	4.389%	4.411%
	April 1, 2011	N/A	2.691%	3.522%	N/A	4.197%	4.332%	4.398%
	April 15, 2011	N/A	2.639%	3.464%	N/A	4.163%	4.301%	4.371%
	May 1, 2011	N/A	2.567%	3.393%	N/A	4.121%	4.274%	4.350%
	May 15, 2011	N/A	2.531%	3.344%	N/A	4.046%	4.195%	4.274%
	June 1, 2011	N/A	2.366%	3.214%	N/A	3.929%	4.081%	4.161%
	June 15, 2011	N/A	N/A	3.140%	3.569%	3.904%	4.043%	4.157%
	July 1, 2011	N/A	2.324%	3.195%	N/A	3.992%	4.082%	4.169%
	July 15, 2011	N/A	2.197%	3.044%	N/A	3.776%	3.937%	4.024%
	August 1, 2011	N/A	2.080%	2.894%	N/A	3.644%	3.816%	3.911%
	August 15, 2011	1.325%	1.627%	2.497%	3.031%	3.358%	3.572%	3.693%
	September 1, 2011	1.524%	1.847%	2.728%	3.233%	3.544%	3.732%	3.828%
	September 15, 2011	n/a	1.650%	2.485%	3.013%	3.292%	3.411%	3.616%
	October 1, 2011	1.308%	1.623%	2.481%	2.997%	3.296%	3.478%	3.574%
	October 15, 2011	1.466%	1.796%	2.659%	3.162%	3.452%	3.622%	3.708%
	November 1, 2011	1.484%	1.815%	2.668%	3.168%	3.449%	3.610%	3.691%
	November 15, 2011	1.329%	1.608%	2.424%	2.928%	3.214%	3.393%	3.493%
	December 1, 2011	1.382%	1.689%	2.504%	2.980%	3.261%	3.429%	3.506%
	December 15, 2011	1.251%	1.520%	2.306%	2.788%	3.145%	3.250%	3.310%

2010	2010	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	January 15, 2010	1.805%	2.442%	3.470%	4.116%	4.462%	4.637%	4.703%
	February 1, 2010	1.835%	2.479%	3.504%	4.139%	4.468%	4.620%	4.677%
	February 15, 2010	1.934%	2.597%	3.639%	4.224%	4.523%	4.668%	4.724%
	March 1, 2010	1.960%	2.610%	3.680%	4.259%	4.550%	4.689%	4.741%
	March 15, 2010	n/a	2.562%	3.497%	4.047%	4.276%	4.465%	4.537%
	April 1, 2010	2.039%	2.676%	3.710%	4.277%	4.567%	4.709%	4.766%
	April 15, 2010	2.055%	2.685%	3.701%	4.238%	4.521%	4.672%	4.740%
	May 1, 2010	2.119%	2.712%	3.640%	4.228%	4.546%	4.709%	4.784%
	May 15, 2010	2.133%	2.763%	3.746%	4.295%	4.586%	4.742%	4.822%
	June 1, 2010	2.432%	3.088%	3.667%	4.038%	4.259%	4.391%	4.466%
	June 15, 2010	2.040%	2.575%	3.514%	4.006%	4.252%	4.454%	4.558%
	July 1, 2010	2.490%	3.151%	3.733%	4.072%	4.260%	4.364%	4.415%
	July 15, 2010	2.479%	3.137%	3.729%	4.080%	4.270%	4.379%	4.437%
	August 1, 2010	2.497%	3.147%	3.741%	4.116%	4.318%	4.420%	4.462%
	August 15, 2010	1.849%	2.491%	3.282%	3.795%	4.096%	4.260%	4.338%
	September 1, 2010	1.817%	2.480%	3.302%	3.825%	4.114%	4.266%	4.346%
	September 15, 2010	1.556%	1.907%	2.875%	3.488%	3.845%	4.040%	4.189%
	October 1, 2010	2.058%	2.631%	3.400%	3.897%	4.201%	4.373%	4.440%
	October 15, 2010	2.061%	2.621%	3.326%	3.798%	4.089%	4.259%	4.333%
	November 1, 2010	2.107%	2.665%	3.359%	3.797%	4.074%	4.240%	4.318%
	November 15, 2010	2.113%	2.658%	3.340%	3.793%	4.072%	4.236%	4.312%
	December 1, 2010	1.983%	2.353%	3.164%	3.642%	3.916%	4.078%	4.156%
	December 15, 2010	n/a	2.439%	3.377%	3.885%	4.124%	4.268%	4.398%
2009	2009	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	January 15, 2009	1.687%	2.286%	3.386%	4.024%	4.395%	4.579%	4.641%
	February 1, 2009	2.234%	2.815%	3.793%	4.167%	4.477%	4.629%	4.648%
	February 15, 2009	2.053%	2.701%	3.793%	4.143%	4.463%	4.646%	4.650%
	March 1, 2009	2.198%	2.866%	4.046%	4.394%	4.715%	4.922%	4.932%
	March 16, 2009	Not set	2.538%	3.718%	4.439%	4.915%	5.066%	5.122%
	April 1, 2009	1.888%	2.590%	3.736%	4.087%	4.444%	4.741%	4.701%
	April 15, 2009	1.913%	2.690%	3.798%	4.243%	4.571%	4.764%	4.769%
	May 1, 2009	1.519%	2.212%	3.504%	4.227%	4.631%	4.847%	4.914%
	May 15, 2009	1.593%	2.273%	3.495%	4.240%	4.648%	4.851%	4.935%
	June 1, 2009	1.794%	2.530%	3.692%	4.356%	4.738%	4.939%	4.995%
	June 15, 2009	2.026%	2.809%	3.942%	4.481%	4.855%	4.980%	5.051%
	July 1, 2009	1.794%	2.481%	3.586%	4.203%	4.558%	4.745%	4.781%
	July 15, 2009	1.854%	2.545%	3.659%	4.317%	4.676%	4.847%	4.901%
	August 1, 2009	1.899%	2.601%	3.688%	4.286%	4.613%	4.779%	4.832%
	August 15, 2009	1.785%	2.485%	3.583%	4.207%	4.540%	4.703%	4.752%
	September 1, 2009	1.757%	2.419%	3.464%	4.114%	4.468%	4.642%	4.701%
	September 15, 2009	1.777%	2.413%	3.494%	4.214%	4.590%	4.745%	4.898%
	October 1, 2009	1.722%	2.339%	3.290%	3.910%	4.250%	4.424%	4.495%
	October 15, 2009	1.958%	2.622%	3.597%	4.182%	4.495%	4.650%	4.709%
	November 1, 2009	1.796%	2.454%	3.474%	4.085%	4.414%	4.579%	4.646%
	November 15, 2009	1.810%	2.455%	3.485%	4.107%	4.442%	4.614%	4.681%
	December 1, 2009	1.593%	2.187%	3.227%	3.897%	4.263%	4.449%	4.528%
	December 15, 2009	1.778%	2.284%	3.344%	3.973%	4.395%	4.589%	4.665%

2008	2008	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	January 15, 2008	3.765%	3.865%	4.132%	4.336%	4.462%	4.532%	4.563%
	February 1, 2008	3.617%	3.784%	4.115%	4.362%	4.512%	4.594%	4.637%
	February 15, 2008	3.573%	3.754%	4.140%	4.410%	4.580%	4.677%	4.729%
	March 1, 2008	3.444%	3.588%	3.954%	4.228%	4.404%	4.505%	4.560%
	March 15, 2008	3.443%	3.587%	3.954%	4.227%	4.403%	4.505%	4.560%
	April 1, 2008	3.263%	3.404%	3.765%	4.058%	4.256%	4.369%	4.429%
	April 15, 2008	3.342%	3.535%	3.951%	4.268%	4.475%	4.595%	4.660%
	May 1, 2008	3.298%	3.480%	3.858%	4.161%	4.361%	4.474%	4.531%
	May 15, 2008	3.257%	3.507%	3.898%	4.172%	4.353%	4.455%	4.503%
	June 1, 2008	3.465%	3.711%	4.074%	4.322%	4.484%	4.570%	4.606%
	June 15, 2008	3.937%	4.089%	4.359%	4.562%	4.692%	4.751%	4.771%
	July 1, 2008	3.822%	3.977%	4.217%	4.390%	4.514%	4.573%	4.585%
	July 15, 2008	3.799%	3.883%	4.108%	4.290%	4.412%	4.476%	4.503%
	August 1, 2008	3.459%	3.649%	4.009%	4.273%	4.437%	4.523%	4.566%
	August 15, 2008	3.264%	3.490%	3.902%	4.197%	4.382%	4.475%	4.519%
	September 1, 2008	3.332%	3.601%	4.067%	4.376%	4.577%	4.638%	4.661%
	September 15, 2008	3.146%	3.443%	3.983%	4.291%	4.486%	4.557%	4.594%
	October 1, 2008	3.688%	3.967%	4.449%	4.760%	4.984%	5.042%	5.057%
	October 15, 2008	3.841%	4.164%	4.714%	4.989%	5.224%	5.274%	5.310%
	November 1, 2008	4.304%	4.687%	5.120%	5.420%	5.623%	5.667%	5.680%
	November 15, 2008	4.069%	4.574%	5.080%	5.306%	5.526%	5.554%	5.567%
	December 1, 2008	2.689%	3.290%	4.088%	4.641%	4.903%	4.944%	4.879%
	December 15, 2008	2.583%	3.270%	4.118%	4.524%	4.836%	4.952%	4.963%
2007	2007	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	January 15, 2007	4.227%	4.243%	4.375%	4.514%	4.607%	4.653%	4.670%
	February 1, 2007	4.278%	4.296%	4.419%	4.548%	4.631%	4.676%	4.694%
	February 15, 2007	4.264%	4.276%	4.391%	4.518%	4.604%	4.652%	4.672%
	March 1, 2007	4.195%	4.196%	4.308%	4.436%	4.524%	4.573%	4.596%
	March 15, 2007	4.124%	4.142%	4.279%	4.428%	4.529%	4.587%	4.615%
	April 1, 2007	4.230%	4.246%	4.373%	4.515%	4.612%	4.667%	4.693%
	April 15, 2007	4.385%	4.398%	4.498%	4.615%	4.696%	4.739%	4.756%
	May 1, 2007	4.403%	4.403%	4.479%	4.584%	4.659%	4.699%	4.714%
	May 15, 2007	4.475%	4.486%	4.560%	4.657%	4.724%	4.760%	4.771%
	June 1, 2007	4.801%	4.843%	4.883%	4.929%	4.961%	4.972%	4.962%
	June 15, 2007	4.985%	5.041%	5.116%	5.181%	5.219%	5.234%	5.231%
	July 1, 2007	4.886%	4.920%	5.016%	5.098%	5.137%	5.152%	5.152%
	July 15, 2007	4.974%	5.028%	5.142%	5.231%	5.272%	5.290%	5.294%
	August 1, 2007	4.933%	4.987%	5.090%	5.180%	5.228%	5.245%	5.247%
	August 15, 2007	4.786%	4.826%	4.937%	5.040%	5.107%	5.142%	5.162%
	September 1, 2007	4.825%	4.840%	4.889%	4.971%	5.037%	5.071%	5.089%
	September 15, 2007	4.718%	4.689%	4.722%	4.809%	4.882%	4.924%	4.946%
	October 1, 2007	4.590%	4.577%	4.652%	4.762%	4.852%	4.907%	4.940%
	October 15, 2007	4.775%	4.775%	4.833%	4.920%	4.991%	5.033%	5.051%
	November 1, 2007	4.561%	4.591%	4.679%	4.780%	4.849%	4.883%	4.894%
	November 15, 2007	4.461%	4.500%	4.629%	4.748%	4.827%	4.867%	4.882%
	December 1, 2007	4.251%	4.271%	4.420%	4.568%	4.687%	4.754%	4.785%
	December 15, 2007	4.457%	4.482%	4.587%	4.702%	4.774%	4.810%	4.814%

	2006	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	January 1, 2006	4.016%	4.136%	4.259%	4.379%	4.477%	4.532%	4.559%
January 15, 2006	4.050%	4.098%	4.231%	4.367%	4.477%	4.543%	4.581%	
February 1, 2006	4.131%	4.230%	4.430%	4.583%	4.685%	4.741%	4.772%	
February 15, 2006	4.242%	4.325%	4.498%	4.636%	4.730%	4.781%	4.809%	
March 1, 2006	4.237%	4.305%	4.434%	4.549%	4.636%	4.688%	4.712%	
March 15, 2006	4.211%	4.291%	4.460%	4.588%	4.683%	4.738%	4.767%	
April 1, 2006	4.333%	4.401%	4.548%	4.667%	4.757%	4.807%	4.831%	
April 15, 2006	4.481%	4.575%	4.753%	4.887%	4.982%	5.035%	5.063%	
May 1, 2006	4.498%	4.588%	4.761%	4.893%	4.987%	5.039%	5.067%	
May 15, 2006	4.511%	4.598%	4.768%	4.899%	4.992%	5.044%	5.071%	
June 1, 2006	4.516%	4.606%	4.774%	4.905%	4.997%	5.048%	5.074%	
June 15, 2006	4.525%	4.613%	4.780%	4.909%	5.001%	5.051%	5.077%	
July 1, 2006	4.544%	4.624%	4.788%	4.916%	5.007%	5.056%	5.081%	
July 15, 2006	4.555%	4.630%	4.813%	4.959%	5.054%	5.103%	5.128%	
August 1, 2006	4.454%	4.508%	4.671%	4.812%	4.905%	4.955%	4.980%	
August 15, 2006	4.447%	4.505%	4.662%	4.800%	4.897%	4.950%	4.975%	
September 1, 2006	4.267%	4.282%	4.413%	4.552%	4.657%	4.718%	4.748%	
September 15, 2006	4.276%	4.303%	4.435%	4.585%	4.699%	4.761%	4.787%	
October 1, 2006	4.154%	4.171%	4.308%	4.462%	4.570%	4.626%	4.651%	
October 15, 2006	4.295%	4.334%	4.478%	4.630%	4.736%	4.788%	4.810%	
November 1, 2006	4.206%	4.215%	4.324%	4.459%	4.559%	4.613%	4.637%	
November 15, 2006	4.178%	4.170%	4.265%	4.401%	4.505%	4.559%	4.582%	
December 1, 2006	4.076%	4.068%	4.170%	4.304%	4.408%	4.466%	4.490%	
December 15, 2006	4.086%	4.087%	4.199%	4.334%	4.433%	4.490%	4.513%	
	2005	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	January 1, 2005	3.273%	3.629%	4.274%	4.677%	4.937%	5.095%	5.190%
January 15, 2005	3.254%	3.586%	4.216%	4.619%	4.877%	5.035%	5.131%	
February 1, 2005	3.194%	3.526%	4.162%	4.565%	4.818%	4.972%	5.063%	
February 15, 2005	3.210%	3.528%	4.126%	4.499%	4.740%	4.885%	4.972%	
March 1, 2005	3.228%	3.545%	4.176%	4.568%	4.823%	4.975%	5.061%	
March 15, 2005	3.344%	3.675%	4.297%	4.677%	4.917%	5.060%	5.139%	
April 1, 2005	3.413%	3.725%	4.267%	4.611%	4.833%	4.969%	5.043%	
April 15, 2005	3.256%	3.556%	4.130%	4.491%	4.726%	4.878%	4.973%	
May 1, 2005	3.241%	3.516%	4.080%	4.441%	4.673%	4.824%	4.912%	
May 15, 2005	3.175%	3.442%	3.978%	4.331%	4.560%	4.707%	4.797%	
June 1, 2005	3.196%	3.459%	3.993%	4.343%	4.570%	4.716%	4.805%	
June 15, 2005	3.123%	3.352%	3.863%	4.205%	4.435%	4.590%	4.689%	
July 2, 2005	3.046%	3.245%	3.710%	4.031%	4.253%	4.402%	4.508%	
July 15, 2005	3.213%	3.437%	3.907%	4.223%	4.437%	4.572%	4.649%	
August 1, 2005	3.268%	3.446%	3.865%	4.166%	4.373%	4.507%	4.587%	
August 15, 2005	3.359%	3.527%	3.936%	4.232%	4.446%	4.578%	4.650%	
September 1, 2005	3.217%	3.355%	3.724%	4.005%	4.207%	4.343%	4.424%	
September 15, 2005	3.301%	3.454%	3.811%	4.081%	4.283%	4.415%	4.493%	
October 1, 2005	3.545%	3.676%	3.981%	4.217%	4.401%	4.519%	4.579%	
October 15, 2005	3.615%	3.752%	4.060%	4.296%	4.473%	4.587%	4.651%	
November 1, 2005	3.779%	3.940%	4.226%	4.440%	4.599%	4.694%	4.742%	
November 15, 2005	3.944%	4.067%	4.305%	4.493%	4.631%	4.709%	4.750%	
December 1, 2005	3.992%	4.071%	4.243%	4.403%	4.524%	4.593%	4.631%	
December 15, 2005	4.067%	4.139%	4.298%	4.453%	4.567%	4.631%	4.664%	

	2004	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year	30 Year
	2004	January 15, 2004	3.128%	3.600%	4.390%	4.826%	5.083%	5.242%
February 1, 2004		2.946%	3.446%	4.313%	4.806%	5.096%	5.269%	5.376%
February 15, 2004		2.775%	3.278%	4.172%	4.678%	4.979%	5.165%	5.284%
March 1, 2004		2.720%	3.234%	4.135%	4.639%	4.935%	5.116%	5.232%
March 15, 2004		2.629%	3.129%	4.021%	4.531%	4.841%	5.032%	5.158%
April 1, 2004		2.658%	3.180%	4.093%	4.611%	4.925%	5.123%	5.248%
April 15, 2004		3.018%	3.602%	4.496%	4.978%	5.267%	5.442%	5.547%
May 1, 2004		2.964%	3.547%	4.455%	4.945%	5.232%	5.408%	5.526%
May 15, 2004		3.279%	3.897%	4.776%	5.233%	5.505%	5.666%	5.762%
June 1, 2004		3.307%	3.875%	4.708%	5.150%	5.423%	5.581%	5.667%
June 15, 2004		3.727%	4.282%	5.059%	5.467%	5.713%	5.859%	5.948%
July 2, 2004		3.527%	4.074%	4.832%	5.240%	5.490%	5.641%	5.732%
July 15, 2004		3.487%	4.019%	4.772%	5.182%	5.434%	5.589%	5.682%
August 1, 2004		3.508%	4.031%	4.784%	5.179%	5.425%	5.572%	5.664%
August 15, 2004		3.291%	3.790%	4.549%	4.962%	5.220%	5.382%	5.478%
September 1, 2004		3.281%	3.758%	4.508%	4.917%	5.172%	5.331%	5.434%
September 15, 2004		3.422%	3.862%	4.559%	4.955%	5.199%	5.356%	5.459%
October 1, 2004		3.495%	3.914%	4.587%	4.968%	5.210%	5.368%	5.467%
October 15, 2004		3.418%	3.828%	4.486%	4.870%	5.121%	5.286%	5.392%
November 1, 2004		3.494%	3.859%	4.477%	4.844%	5.089%	5.242%	5.336%
November 15, 2004		3.504%	3.858%	4.478%	4.856%	5.104%	5.255%	5.343%
December 1, 2004		3.260%	3.641%	4.345%	4.773%	5.050%	5.222%	5.325%
December 15, 2004		3.136%	3.501%	4.181%	4.602%	4.872%	5.042%	5.145%
2003		2003	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	January 15, 2003	3-5/8%	4-1/4%	5-1/8%	5-1/2%	5-3/4%	5-7/8%	
	February 1, 2003	3-3/4%	4-1/2%	5-3/8%	5-5/8%	5-7/8%	6.000%	
	February 15, 2003	4.000%	4-5/8%	5-3/8%	5-5/8%	5-7/8%	5-7/8%	
	March 1, 2003	4.000%	4-5/8%	5-3/8%	5-5/8%	5-7/8%	6.000%	
	March 15, 2003	4.000%	4-5/8%	5-3/8%	5-5/8%	5-7/8%	5-7/8%	
	April 1, 2003	4-1/8%	4-1/2%	5-1/4%	5-5/8%	5-7/8%	5-7/8%	
	April 15, 2003	4-1/4%	4-3/4%	5-1/2%	5-3/4%	6.000%	6.000%	
	May 1, 2003	4-3/8%	4-7/8%	5-1/2%	5-3/4%	6.000%	6.000%	
	May 15, 2003	4-1/8%	4-5/8%	5-3/8%	5-5/8%	5-7/8%	5-7/8%	
	June 1, 2003	4.000%	4-1/2%	5-1/4%	5-1/2%	5-3/4%	5-7/8%	
	June 15, 2003	3-5/8%	4-1/8%	4-7/8%	5-1/4%	5-1/2%	5-1/2%	
	July 2, 2003	3-1/4%	3-3/4%	4-1/2%	4-7/8%	5-1/4%	5-1/4%	
	July 15, 2003	3-1/2%	4.000%	4-7/8%	5-1/8%	5-1/2%	5-1/2%	
	August 1, 2003	3-5/8%	4-1/4%	5-1/8%	5-3/8%	5-5/8%	5-3/4%	
	August 15, 2003	3-1/2%	4-1/4%	5-1/4%	5-1/2%	5-3/4%	5-7/8%	
	September 1, 2003	3-3/4%	4-1/2%	5-3/8%	5-5/8%	5-7/8%	6.000%	
	September 15, 2003	3-3/4%	4-1/2%	5-1/4%	5-5/8%	5-7/8%	5-7/8%	
	October 1, 2003	3-3/4%	4-3/8%	5-1/8%	5-1/2%	5-3/4%	5-7/8%	
	October 15, 2003	3-1/2%	4-1/8%	5.000%	5-3/8%	5-5/8%	5-5/8%	
	November 1, 2003	3-5/8%	4-1/4%	5-1/4%	5-1/2%	5-3/4%	5-7/8%	
	November 15, 2003	3-3/4%	4-3/8%	5-1/4%	5-1/2%	5-3/4%	5-7/8%	
	December 1, 2003	3-7/8%	4-1/2%	5-3/8%	5-5/8%	5-7/8%	5-7/8%	
	December 15, 2003	3-3/4%	4-3/8%	5-1/8%	5-3/8%	5-5/8%	5-3/4%	

2002	2002	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	January 15, 2002	4.000%	4-7/8%	5-3/4%	5-7/8%	6-1/8%	6-1/8%
	February 1, 2002	3-3/4%	4-5/8%	5-1/2%	5-3/4%	6.000%	6.000%
	February 15, 2002	4.000%	4-7/8%	5-5/8%	5-7/8%	6.000%	6-1/8%
	March 1, 2002	4-1/8%	4-7/8%	5-5/8%	5-7/8%	6-1/8%	6-1/8%
	March 15, 2002	4-1/8%	4-7/8%	5-5/8%	5-7/8%	6.000%	6-1/8%
	April 1, 2002	4-3/4%	5-3/8%	5-7/8%	6-1/8%	6-1/4%	6-1/4%
	April 15, 2002	5.000%	5-1/2%	6.000%	6-1/8%	6-1/4%	6-3/8%
	May 1, 2002	4-3/4%	5-3/8%	5-7/8%	6-1/8%	6-1/4%	6-1/4%
	May 15, 2002	4-5/8%	5-1/4%	5-7/8%	6-1/8%	6-1/4%	6-1/4%
	June 1, 2002	4-5/8%	5-1/4%	5-7/8%	6-1/8%	6-1/4%	6-1/4%
	June 15, 2002	4-5/8%	5-1/8%	5-3/4%	6.000%	6-1/8%	6-1/8%
	July 2, 2002	4-5/8%	5-1/8%	5-5/8%	5-7/8%	6.000%	6-1/8%
	July 15, 2002	4-3/8%	5.000%	5-5/8%	5-7/8%	6.000%	6-1/8%
	August 1, 2002	4-3/8%	4-7/8%	5-5/8%	5-7/8%	6.000%	6-1/8%
	August 15, 2002	4.000%	4-5/8%	5-1/2%	5-3/4%	6.000%	6-1/8%
	September 1, 2002	3-5/8%	4-3/8%	5-1/4%	5-1/2%	5-3/4%	5-7/8%
	September 15, 2002	4.000%	4-5/8%	5-3/8%	5-5/8%	5-3/4%	5-7/8%
	October 1, 2002	3-7/8%	4-3/8%	5-1/8%	5-3/8%	5-5/8%	5-3/4%
	October 15, 2002	3-7/8%	4-3/8%	5-1/8%	5-3/8%	5-5/8%	5-3/4%
	November 1, 2002	3-3/4%	4-3/8%	5-1/4%	5-1/2%	5-3/4%	5-7/8%
	November 15, 2002	3-7/8%	4-1/2%	5-1/2%	5-3/4%	5-7/8%	6.000%
	December 1, 2002	3-3/4%	4-3/8%	5-1/4%	5-1/2%	5-3/4%	5-7/8%
December 15, 2002	3-7/8%	4-1/2%	5-3/8%	5-5/8%	5-7/8%	5-7/8%	
2001	2001	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	January 15, 2001	5-3/8%	5-1/2%	5-5/8%	5-7/8%	6-1/8%	6.000%
	February 1, 2001	5-1/4%	5-3/8%	5-3/4%	6.000%	6-1/4%	6-1/8%
	February 15, 2001	5-1/4%	5-3/8%	5-3/4%	6.000%	6-1/4%	6-1/4%
	March 1, 2001	5-1/8%	5-3/8%	5-5/8%	5-7/8%	6-1/8%	6-1/8%
	March 15, 2001	5.000%	5-1/4%	5-5/8%	5-7/8%	6-1/8%	6-1/8%
	April 1, 2001	5.000%	5-1/8%	5-1/2%	5-3/4%	6.000%	6.000%
	April 15, 2001	5.000%	5-1/4%	5-3/4%	6.000%	6-1/4%	6-1/4%
	May 1, 2001	5-1/8%	5-3/8%	5-3/4%	6.000%	6-1/4%	6-1/4%
	May 15, 2001	5-1/4%	5-1/2%	6.000%	6-1/8%	6-3/8%	6-3/8%
	June 1, 2001	5-1/4%	5-5/8%	6-1/8%	6-1/4%	6-1/2%	6-3/8%
	June 15, 2001	5-1/2%	5-7/8%	6-1/4%	6-3/8%	6-1/2%	6-1/2%
	July 2, 2001	5-1/4%	5-5/8%	6.000%	6-1/8%	6-1/4%	6-1/4%
	July 15, 2001	5-1/4%	5-5/8%	6.000%	6-1/4%	6-3/8%	6-3/8%
	August 1, 2001	5-3/8%	5-3/4%	6-1/8%	6-3/8%	6-1/2%	6-1/2%
	August 15, 2001	5-1/8%	5-1/2%	6.000%	6-1/4%	6-3/8%	6-3/8%
	September 1, 2001	5.000%	5-3/8%	5-7/8%	6-1/8%	6-1/4%	6-1/4%
	September 15, 2001	4-3/4%	5-1/8%	5-5/8%	5-7/8%	6-1/8%	6-1/8%
	October 1, 2001	4-3/8%	4-7/8%	5-1/2%	5-3/4%	6-1/8%	6-1/8%
	October 15, 2001	4-1/8%	4-7/8%	5-5/8%	5-7/8%	6-3/8%	6-3/8%
	November 1, 2001	4.000%	4-7/8%	5-3/4%	5-7/8%	6-1/4%	6-1/4%
	November 15, 2001	3-5/8%	4-1/2%	5-3/8%	5-1/2%	6.000%	6.000%
	December 1, 2001	3-3/8%	4-3/8%	5-1/4%	5-1/2%	5-7/8%	5-3/4%
December 15, 2001	4.000%	4-7/8%	5-5/8%	5-3/4%	6.000%	6.000%	

	2000	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	2000	January 15, 2000	6-1/4%	6-1/2%	6-1/2%	6-1/2%	6-5/8%
February 1, 2000		6-1/2%	6-5/8%	6-3/4%	6-3/4%	6-7/8%	6-7/8%
February 15, 2000		6-5/8%	6-3/4%	6-3/4%	6-3/4%	6-3/4%	6-3/4%
March 1, 2000		6-5/8%	6-3/4%	6-3/4%	6-3/4%	6-5/8%	6-5/8%
March 15, 2000		6-1/4%	6-3/8%	6-3/8%	6-3/8%	6-3/8%	6-1/4%
April 1, 2000		6-3/8%	6-3/8%	6-3/8%	6-3/8%	6-1/4%	6-1/4%
April 15, 2000		6-1/4%	6-3/8%	6-3/8%	6-3/8%	6-3/8%	6-1/4%
May 1, 2000		6-1/8%	6-1/8%	6-1/4%	6-1/4%	6-1/4%	6-1/4%
May 15, 2000		6-3/8%	6-1/2%	6-1/2%	6-1/2%	6-1/2%	6-3/8%
June 1, 2000		6-5/8%	6-5/8%	6-5/8%	6-5/8%	6-3/4%	6-5/8%
June 15, 2000		6-1/2%	6-1/2%	6-1/2%	6-1/2%	6-5/8%	6-1/2%
July 2, 2000		6-1/4%	6-1/4%	6-1/4%	6-3/8%	6-1/2%	6-3/8%
July 15, 2000		6-1/4%	6-1/4%	6-1/4%	6-3/8%	6-3/8%	6-1/4%
August 1, 2000		6-1/8%	6-1/8%	6-1/4%	6-3/8%	6-3/8%	6-1/4%
August 15, 2000		6-1/8%	6-1/8%	6-1/4%	6-3/8%	6-3/8%	6-1/4%
September 1, 2000		6-1/8%	6-1/8%	6-1/8%	6-1/4%	6-1/4%	6-1/8%
September 15, 2000		6-1/8%	6-1/8%	6-1/4%	6-3/8%	6-3/8%	6-1/4%
October 1, 2000		6.000%	6.000%	6-1/8%	6-1/4%	6-1/4%	6-1/4%
October 15, 2000		6.000%	6.000%	6.000%	6-1/4%	6-3/8%	6-1/4%
November 1, 2000		5-7/8%	6.000%	6.000%	6-1/8%	6-1/4%	6-1/8%
November 15, 2000		5-7/8%	6.000%	6.000%	6-1/8%	6-1/4%	6-1/4%
December 1, 2000		6-1/8%	6-1/8%	6-1/8%	6-1/4%	6-3/8%	6-1/4%
December 15, 2000		5-7/8%	5-7/8%	5-7/8%	6.000%	6-1/8%	6-1/8%
1999		1999	3 Year	5 Year	10 Year	15 Year	20 Year
	January 15, 1999	5.000%	5.000%	5-1/8%	5-3/8%	5-1/2%	5-5/8%
	February 1, 1999	5.000%	5.000%	5-1/4%	5-3/8%	5-1/2%	5-3/4%
	February 15, 1999	5.000%	5.000%	5-1/8%	5-1/4%	5-3/8%	5-5/8%
	March 1, 1999	5-1/8%	5-1/8%	5-1/4%	5-3/8%	5-1/2%	5-5/8%
	March 15, 1999	5-3/8%	5-1/2%	5-1/2%	5-5/8%	5-5/8%	5-3/4%
	April 1, 1999	5-3/8%	5-3/8%	5-1/2%	5-5/8%	5-5/8%	5-3/4%
	April 15, 1999	5-1/8%	5-1/4%	5-3/8%	5-1/2%	5-1/2%	5-3/4%
	May 1, 1999	4-7/8%	5.000%	5-1/8%	5-1/4%	5-3/8%	5-1/2%
	May 15, 1999	5.000%	5-1/8%	5-3/8%	5-3/8%	5-1/2%	5-5/8%
	June 1, 1999	5-1/8%	5-3/8%	5-1/2%	5-5/8%	5-3/4%	5-7/8%
	June 15, 1999	5-1/2%	5-5/8%	5-3/4%	5-3/4%	5-7/8%	5-7/8%
	July 2, 1999	5-3/4%	5-3/4%	5-7/8%	6.000%	6-1/8%	6-1/8%
	July 15, 1999	5-5/8%	5-3/4%	5-7/8%	6.000%	6.000%	6-1/8%
	August 1, 1999	5-1/2%	5-5/8%	5-3/4%	5-7/8%	5-7/8%	6.000%
	August 15, 1999	5-3/4%	5-7/8%	6.000%	6-1/8%	6-1/8%	6-1/4%
	September 1, 1999	6-1/8%	6-1/8%	6-1/4%	6-3/8%	6-3/8%	6-1/2%
	September 15, 1999	5-3/4%	5-7/8%	6.000%	6-1/8%	6-1/8%	6-1/4%
	October 1, 1999	5-3/4%	5-7/8%	6.000%	6-1/8%	6-1/4%	6-1/4%
	October 15, 1999	5-3/4%	5-7/8%	6.000%	6-1/8%	6-1/4%	6-1/4%
	November 1, 1999	6-1/8%	6-1/4%	6-3/8%	6-1/2%	6-1/2%	6-5/8%
	November 15, 1999	6-1/4%	6-3/8%	6-1/2%	6-5/8%	6-5/8%	6-3/4%
	December 1, 1999	6-1/8%	6-1/4%	6-1/4%	6-3/8%	6-1/2%	6-1/2%
	December 15, 1999	6-1/8%	6-1/4%	6-3/8%	6-3/8%	6-1/2%	6-1/2%

	1998	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	1998	January 15, 1998	5-3/8%	5-1/2%	5-3/4%	5-7/8%	6.000%
February 1, 1998		5.000%	5-1/8%	5-3/8%	5-5/8%	5-3/4%	6.000%
February 15, 1998		5-1/8%	5-1/4%	5-5/8%	5-3/4%	5-7/8%	6.000%
March 1, 1998		5-1/4%	5-3/8%	5-5/8%	5-3/4%	5-7/8%	6.000%
March 15, 1998		5-3/8%	5-1/2%	5-5/8%	5-7/8%	6.000%	6-1/8%
April 1, 1998		5-1/4%	5-3/8%	5-5/8%	5-3/4%	5-7/8%	6.000%
April 15, 1998		5-1/4%	5-3/8%	5-1/2%	5-3/4%	5-7/8%	6.000%
May 1, 1998		5-1/8%	5-1/4%	5-3/8%	5-1/2%	5-5/8%	5-7/8%
May 15, 1998		5-3/8%	5-3/8%	5-5/8%	5-3/4%	5-7/8%	6.000%
June 1, 1998		5-3/8%	5-1/2%	5-5/8%	5-3/4%	5-7/8%	6.000%
June 15, 1998		5-1/4%	5-3/8%	5-1/2%	5-5/8%	5-3/4%	5-7/8%
July 2, 1998		5-3/8%	5-3/8%	5-1/2%	5-5/8%	5-5/8%	5-3/4%
July 15, 1998		5-3/8%	5-1/2%	5-1/2%	5-5/8%	5-3/4%	5-3/4%
August 1, 1998		5-3/8%	5-3/8%	5-3/8%	5-1/2%	5-5/8%	5-3/4%
August 15, 1998		5-1/2%	5-5/8%	5-5/8%	5-5/8%	5-3/4%	5-7/8%
September 1, 1998		5-5/8%	5-5/8%	5-3/4%	5-3/4%	5-7/8%	6.000%
September 15, 1998		6-1/8%	6-1/8%	6-1/8%	6-1/8%	6-1/4%	6-1/4%
October 1, 1998		5-1/2%	5-1/2%	5-5/8%	5-5/8%	5-3/4%	6.000%
October 15, 1998		5-1/8%	5-1/8%	5-3/8%	5-5/8%	5-3/4%	5-3/4%
November 1, 1998		5.000%	5-1/8%	5-1/2%	5-3/4%	5-7/8%	6.000%
November 15, 1998		4-7/8%	5.000%	5-3/8%	5-5/8%	5-3/4%	5-7/8%
December 1, 1998		5-1/8%	5-1/4%	5-1/2%	5-5/8%	5-3/4%	5-7/8%
December 15, 1998		5-1/8%	5-1/4%	5-3/8%	5-1/2%	5-5/8%	5-3/4%
1997		1997	3 Year	5 Year	10 Year	15 Year	20 Year
	January 15, 1997	4-7/8%	5-1/2%	6-1/2%	6-3/4%	7-1/8%	7-1/4%
	February 1, 1997	5-1/8%	6.000%	6-7/8%	7-1/8%	7-1/2%	7-5/8%
	February 15, 1997	5.000%	5-7/8%	6-3/4%	7-1/8%	7-1/2%	7-5/8%
	March 1, 1997	4-3/4%	5-1/2%	6-3/8%	6-3/4%	7-1/8%	7-1/4%
	March 15, 1997	4-7/8%	5-5/8%	6-1/2%	6-3/4%	7-1/8%	7-1/4%
	April 1, 1997	5-1/8%	5-7/8%	6-5/8%	6-7/8%	7-1/4%	7-3/8%
	April 15, 1997	5-1/4%	6.000%	6-3/4%	7.000%	7-1/4%	7-3/8%
	May 1, 1997	5-3/4%	6-3/8%	7.000%	7-1/4%	7-1/2%	7-5/8%
	May 15, 1997	5-5/8%	6-3/8%	7.000%	7-1/8%	7-3/8%	7-1/2%
	June 1, 1997	5-3/8%	6.000%	6-3/4%	7.000%	7-1/8%	7-1/4%
	June 15, 1997	5-3/8%	6-1/8%	6-3/4%	7.000%	7-1/4%	7-1/4%
	July 2, 1997	5-1/8%	5-3/4%	6-3/8%	6-5/8%	6-7/8%	7.000%
	July 15, 1997	5-1/8%	5-5/8%	6-3/8%	6-5/8%	6-7/8%	7.000%
	August 1, 1997	5.000%	5-1/2%	6-1/8%	6-3/8%	6-5/8%	6-3/4%
	August 15, 1997	5-1/8%	5-3/8%	6.000%	6-1/4%	6-3/8%	6-1/2%
	September 1, 1997	5-1/8%	5-1/2%	6-1/8%	6-3/8%	6-5/8%	6-3/4%
	September 15, 1997	5-1/8%	5-1/2%	6-1/8%	6-3/8%	6-5/8%	6-3/4%
	October 1, 1997	5-1/8%	5-1/2%	6-1/4%	6-3/8%	6-5/8%	6-3/4%
	October 15, 1997	5.000%	5-1/4%	5-7/8%	6-1/8%	6-3/8%	6-1/2%
	November 1, 1997	5.000%	5-1/4%	5-3/4%	6.000%	6-1/4%	6-3/8%
	November 15, 1997	4-7/8%	5-1/8%	5-5/8%	5-7/8%	6-1/8%	6-1/4%
	December 1, 1997	4-7/8%	5-1/8%	5-5/8%	5-7/8%	6.000%	6-1/4%
	December 15, 1997	5-1/8%	5-1/4%	5-3/4%	5-7/8%	6.000%	6-1/8%

	1996	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	1996	January 15, 1996	6-3/8%	6-3/4%	7-3/8%	7-1/2%	7-7/8%
February 1, 1996		6-3/8%	6-3/4%	7-1/2%	7-5/8%	8.000%	8-1/8%
February 15, 1996		6.000%	6-5/8%	7-3/8%	7-1/2%	7-7/8%	8.000%
March 1, 1996		5-3/4%	6-3/8%	7-1/8%	7-1/2%	7-7/8%	8.000%
March 15, 1996		6-3/8%	7.000%	7-3/4%	8.000%	8-1/4%	8-3/8%
April 1, 1996		6-3/4%	7-1/4%	8.000%	8-1/8%	8-1/2%	8-1/2%
April 15, 1996		6-5/8%	7-1/8%	7-7/8%	8.000%	8-3/8%	8-3/8%
May 1, 1996		6-7/8%	7-3/8%	8.000%	8-1/8%	8-3/8%	8-1/2%
May 15, 1996		6-1/2%	7-1/8%	8.000%	8-1/8%	8-1/2%	8-1/2%
June 1, 1996		6-3/4%	7-3/8%	8-1/8%	8-1/4%	8-1/2%	8-5/8%
June 15, 1996		6-1/2%	7-1/8%	7-7/8%	8.000%	8-1/4%	8-3/8%
July 2, 1996		6-3/4%	7-1/4%	8.000%	8-1/8%	8-3/8%	8-1/2%
July 15, 1996		6-5/8%	7-1/8%	7-7/8%	8.000%	8-3/8%	8-3/8%
August 1, 1996		6-3/4%	7-1/4%	7-7/8%	8.000%	8-3/8%	8-3/8%
August 15, 1996		6-5/8%	7-1/8%	7-7/8%	8.000%	8-1/4%	8-3/8%
September 1, 1996		5-7/8%	6-5/8%	7-3/8%	7-5/8%	7-7/8%	8.000%
September 15, 1996		6-1/8%	6-3/4%	7-1/2%	7-3/4%	8.000%	8-1/8%
October 1, 1996		6.000%	6-3/4%	7-1/2%	7-3/4%	8.000%	8-1/8%
October 15, 1996		5-5/8%	6-3/8%	7-1/4%	7-1/2%	7-7/8%	7-7/8%
November 1, 1996		5-1/8%	6.000%	6-7/8%	7-1/4%	7-5/8%	7-5/8%
November 15, 1996		5.000%	5-3/4%	6-5/8%	6-7/8%	7-1/4%	7-3/8%
December 1, 1996		4-3/4%	5-3/8%	6-1/4%	6-1/2%	6-7/8%	7.000%
December 15, 1996		4-3/8%	5-1/4%	6-1/4%	6-1/2%	6-7/8%	7.000%
		1995	3 Year	5 Year	10 Year	15 Year	20 Year
1995	January 15, 1995	9-1/4%	9-1/4%	9-1/2%	9-1/2%	9-5/8%	9-5/8%
	February 1, 1995	9-1/2%	9-5/8%	9-7/8%	9-7/8%	10.000%	10.000%
	February 15, 1995	9-5/8%	9-1/2%	9-3/4%	9-3/4%	9-7/8%	9-7/8%
	March 1, 1995	9.000%	9-1/8%	9-3/8%	9-3/8%	9-1/2%	9-1/2%
	March 15, 1995	8-5/8%	8-3/4%	9.000%	9.000%	9-1/4%	9-1/4%
	April 1, 1995	8-5/8%	8-3/4%	9.000%	9.000%	9-1/8%	9-1/8%
	April 15, 1995	8-3/8%	8-1/2%	8-7/8%	8-7/8%	9-1/8%	9-1/8%
	May 1, 1995	8-1/8%	8-1/4%	8-3/4%	8-3/4%	9.000%	9.000%
	May 15, 1995	8-1/8%	8-1/8%	8-5/8%	8-5/8%	8-7/8%	8-7/8%
	June 1, 1995	7-3/8%	7-3/4%	8-1/4%	8-1/4%	8-5/8%	8-5/8%
	June 15, 1995	7-1/2%	7-3/4%	8-3/8%	8-3/8%	8-3/4%	8-3/4%
	July 2, 1995	7-3/8%	7-5/8%	8-1/4%	8-1/4%	8-5/8%	8-5/8%
	July 15, 1995	7-1/4%	7-5/8%	8-1/8%	8-1/8%	8-1/2%	8-5/8%
	August 1, 1995	7-1/8%	7-1/2%	8-1/8%	8-1/8%	8-1/2%	8-5/8%
	August 15, 1995	7-3/4%	8-1/8%	8-5/8%	8-3/4%	9.000%	9-1/8%
	September 1, 1995	7-3/4%	8-1/8%	8-5/8%	8-3/4%	9.000%	9-1/8%
	September 15, 1995	7-1/2%	7-7/8%	8-1/4%	8-3/8%	8-5/8%	8-3/4%
	October 1, 1995	7-3/4%	8.000%	8-3/8%	8-1/2%	8-3/4%	8-3/4%
	October 15, 1995	7-1/2%	7-3/4%	8-1/8%	8-1/4%	8-1/2%	8-5/8%
	November 1, 1995	7-1/8%	7-1/2%	7-7/8%	8.000%	8-3/8%	8-3/8%
	November 15, 1995	7-3/8%	7-5/8%	8-1/8%	8-1/4%	8-1/2%	8-5/8%
	December 1, 1995	6-7/8%	7-3/8%	7-7/8%	8.000%	8-3/8%	8-3/8%
	December 15, 1995	6-5/8%	7.000%	7-1/2%	7-5/8%	8.000%	8.000%

1994	1994	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	January 15, 1994	5-1/8%	6.000%	7.000%	7-5/8%	7-3/4%	7-7/8%
	February 1, 1994	5.000%	5-3/4%	6-7/8%	7-3/8%	7-1/2%	7-5/8%
	February 15, 1994	4-3/4%	5-5/8%	6-5/8%	7-1/4%	7-3/8%	7-1/2%
	March 1, 1994	5-1/4%	6.000%	6-7/8%	7-3/8%	7-1/2%	7-5/8%
	March 15, 1994	5-3/4%	6-1/2%	7-3/8%	7-7/8%	8.000%	8-1/8%
	April 1, 1994	6-5/8%	7-1/8%	7-3/4%	8-1/4%	8-3/8%	8-3/8%
	April 15, 1994	7-3/4%	8-1/8%	8-1/2%	8-7/8%	9.000%	9.000%
	May 1, 1994	7-1/2%	7-7/8%	8-3/8%	8-3/4%	8-7/8%	8-7/8%
	May 15, 1994	7-5/8%	7-7/8%	8-1/2%	8-3/4%	8-7/8%	8-7/8%
	June 1, 1994	8-1/4%	8-5/8%	9.000%	9-1/8%	9-1/4%	9-1/4%
	July 2, 1994	8-3/8%	8-3/4%	9-1/4%	9-3/8%	9-1/2%	9-1/2%
	July 15, 1994	9.000%	9-1/4%	9-3/4%	9-3/4%	9-7/8%	10.000%
	August 1, 1994	8-7/8%	9-1/8%	9-1/2%	9-5/8%	9-3/4%	9-3/4%
	August 15, 1994	8-7/8%	9-1/4%	9-3/4%	9-7/8%	10.000%	10.000%
	September 1, 1994	8-1/2%	8-7/8%	9-1/2%	9-1/2%	9-5/8%	9-3/4%
	September 15, 1994	8.000%	8-1/2%	9-1/8%	9-1/4%	9-3/8%	9-3/8%
	October 1, 1994	8-1/4%	8-3/4%	9-1/4%	9-1/2%	9-5/8%	9-5/8%
	October 15, 1994	8-1/8%	8-5/8%	9-1/4%	9-1/2%	9-5/8%	9-5/8%
	November 1, 1994	8-1/4%	8-3/4%	9-3/8%	9-1/2%	9-5/8%	9-3/4%
November 15, 1994	8-1/4%	8-3/4%	9-1/2%	9-5/8%	9-3/4%	9-3/4%	
December 1, 1994	8-3/8%	9.000%	9-5/8%	9-5/8%	9-3/4%	9-7/8%	
December 15, 1994	8-1/2%	9.000%	9-1/2%	9-5/8%	9-3/4%	9-3/4%	
1993	1993	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	January 15, 1993	7-3/4%	8.000%	8-3/4%	9-1/8%	9-1/8%	9-1/4%
	February 1, 1993	7-7/8%	8.000%	8-7/8%	9-1/4%	9-3/8%	9-3/8%
	February 15, 1993	7-5/8%	7-7/8%	8-3/4%	9-1/8%	9-1/4%	9-3/8%
	March 1, 1993	7-1/4%	7-5/8%	8-1/2%	9.000%	9-1/8%	9-1/8%
	March 15, 1993	7.000%	7-3/8%	8-1/8%	8-3/4%	8-7/8%	8-7/8%
	April 1, 1993	7.000%	7-3/8%	8-1/8%	8-3/4%	8-7/8%	8-7/8%
	April 15, 1993	7.000%	7-3/8%	8-1/8%	8-3/4%	8-7/8%	9.000%
	May 1, 1993	7.000%	7-3/8%	8-1/8%	8-3/4%	8-7/8%	8-7/8%
	May 15, 1993	7-1/4%	7-1/2%	8-1/8%	8-3/4%	8-7/8%	9.000%
	June 1, 1993	7-1/8%	7-1/2%	8-1/4%	8-3/4%	8-7/8%	9.000%
	June 15, 1993	7-1/8%	7-3/8%	8-1/8%	8-5/8%	8-7/8%	8-7/8%
	July 2, 1993	7.000%	7-1/4%	8.000%	8-1/2%	8-3/4%	8-7/8%
	July 15, 1993	6-5/8%	7-1/8%	7-7/8%	8-3/8%	8-5/8%	8-5/8%
	August 1, 1993	6-3/8%	6-3/4%	7-3/4%	8-1/4%	8-1/2%	8-1/2%
	August 15, 1993	6-1/8%	6-3/4%	7-5/8%	8-1/8%	8-3/8%	8-1/2%
	September 1, 1993	6-3/8%	6-3/4%	7-1/2%	8.000%	8-1/4%	8-1/4%
	September 15, 1993	6.000%	6-1/2%	7-1/4%	7-3/4%	8.000%	8-1/8%
	October 1, 1993	6-1/4%	6-5/8%	7-1/4%	7-3/4%	8.000%	8.000%
	October 15, 1993	6-1/4%	6-3/4%	7-5/8%	8.000%	8-1/4%	8-3/8%
November 1, 1993	5-3/4%	6-3/8%	7-1/4%	7-3/4%	8.000%	8.000%	
November 15, 1993	5-5/8%	6-1/4%	7-3/8%	7-7/8%	8-1/8%	8-1/8%	
December 1, 1993	5-5/8%	6-1/4%	7-3/8%	7-7/8%	8.000%	8-1/8%	
December 15, 1993	5-1/2%	6-1/4%	7-3/8%	7-7/8%	8.000%	8-1/8%	

	1992	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	1992	January 15, 1992	7-7/8%	8-3/8%	8-7/8%	9-3/8%	9-5/8%
February 1, 1992		7-3/4%	8-1/8%	8-3/4%	9-1/4%	9-1/2%	9-1/2%
February 15, 1992		8-1/8%	8-5/8%	9-1/8%	9-5/8%	9-3/4%	9-3/4%
March 1, 1992		8-1/8%	8-1/2%	9.000%	9-5/8%	9-3/4%	9-3/4%
March 15, 1992		8-1/8%	8-1/2%	9.000%	9-5/8%	9-3/4%	9-3/4%
April 1, 1992		9.000%	9-3/8%	9-1/2%	10.000%	10-1/8%	10-1/8%
April 15, 1992		8-7/8%	9-1/4%	9-1/2%	9-7/8%	10.000%	10-1/8%
May 1, 1992		8-3/8%	9.000%	9-1/2%	9-7/8%	10.000%	10-1/8%
May 15, 1992		8-5/8%	9-1/4%	9-3/4%	10-1/8%	10-1/4%	10-1/4%
June 1, 1992		8-1/4%	8-3/4%	9-1/4%	9-5/8%	9-7/8%	9-7/8%
June 15, 1992		7-7/8%	8-1/2%	9-1/8%	9-5/8%	9-7/8%	9-7/8%
July 2, 1992		7-5/8%	8-1/4%	8-7/8%	9-3/8%	9-5/8%	9-5/8%
July 15, 1992		7-3/8%	7-7/8%	8-3/4%	9-1/4%	9-1/2%	9-1/2%
August 1, 1992		6-5/8%	7-3/8%	8-3/8%	9.000%	9-1/4%	9-1/4%
August 15, 1992		6-1/4%	6-7/8%	8.000%	8-5/8%	8-7/8%	8-7/8%
September 1, 1992		6-1/4%	6-3/4%	7-3/4%	8-1/2%	8-5/8%	8-3/4%
September 15, 1992		6-3/8%	7.000%	7-7/8%	8-5/8%	8-3/4%	8-7/8%
October 1, 1992		6-1/2%	7.000%	7-7/8%	8-5/8%	8-5/8%	8-3/4%
October 15, 1992		7-3/8%	7-3/4%	8-1/2%	9-1/8%	9-1/8%	9-1/8%
November 1, 1992		7-1/8%	7-5/8%	8-3/8%	9.000%	9.000%	9-1/8%
November 15, 1992		6-5/8%	7-1/8%	8-1/4%	8-7/8%	9.000%	9.000%
December 1, 1992		7-1/4%	7-5/8%	8-1/2%	9.000%	9-1/8%	9-1/4%
December 15, 1992		7-5/8%	8.000%	8-3/4%	9-1/4%	9-3/8%	9-3/8%
1991		1991	3 Year	5 Year	10 Year	15 Year	20 Year
	January 15, 1991	11-1/4%	11-1/8%	11-1/4%	11-1/8%	11-1/8%	11-1/8%
	February 1, 1991	11.000%	11.000%	11-1/8%	11-1/8%	11-1/8%	11-1/8%
	February 15, 1991	10-5/8%	10-3/4%	10-7/8%	10-7/8%	10-7/8%	10-7/8%
	March 1, 1991	10.000%	10-1/8%	10-3/8%	10-1/2%	10-1/2%	10-1/2%
	March 15, 1991	10-1/8%	10-1/4%	10-3/8%	10-1/2%	10-5/8%	10-5/8%
	April 1, 1991	9-7/8%	10-1/8%	10-3/8%	10-1/2%	10-5/8%	10-5/8%
	April 15, 1991	9-7/8%	10-1/8%	10-3/8%	10-1/2%	10-5/8%	10-5/8%
	May 1, 1991	9-3/4%	10-1/8%	10-1/4%	10-1/2%	10-5/8%	10-5/8%
	May 15, 1991	9-3/4%	10-1/8%	10-1/4%	10-1/2%	10-5/8%	10-5/8%
	June 1, 1991	9-3/4%	10-1/8%	10-1/4%	10-1/2%	10-5/8%	10-5/8%
	June 15, 1991	9-5/8%	10.000%	10-1/4%	10-1/2%	10-5/8%	10-5/8%
	July 2, 1991	10.000%	10-3/8%	10-5/8%	10-3/4%	10-7/8%	10-7/8%
	July 15, 1991	10.000%	10-3/8%	10-3/4%	10-7/8%	11-1/8%	11-1/8%
	August 1, 1991	9-7/8%	10-3/8%	10-3/4%	10-3/4%	10-7/8%	10-7/8%
	August 15, 1991	9-7/8%	10-1/4%	10-5/8%	10-3/4%	10-7/8%	10-7/8%
	September 1, 1991	9-5/8%	10-1/8%	10-3/8%	10-5/8%	10-3/4%	10-3/4%
	September 15, 1991	9-1/2%	10.000%	10-1/4%	10-1/2%	10-5/8%	10-5/8%
	October 1, 1991	9-3/8%	9-3/4%	10-1/8%	10-1/4%	10-3/8%	10-3/8%
	October 15, 1991	9.000%	9-3/8%	9-3/4%	10.000%	10-1/8%	10-1/8%
	November 1, 1991	8-5/8%	9-1/8%	9-5/8%	9-7/8%	10-1/8%	10-1/8%
	November 15, 1991	8-1/8%	8-3/4%	9-3/8%	9-5/8%	9-7/8%	9-7/8%
	December 1, 1991	8-1/4%	8-3/4%	9-1/4%	9-5/8%	9-7/8%	9-7/8%
	December 15, 1991	8-3/8%	8-3/4%	9-3/8%	9-3/4%	10.000%	10.000%

	1990	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	1990	January 15, 1990	N/A	10-1/2%	10-3/8%	10-1/4%	10-1/8%
February 1, 1990		N/A	10-5/8%	10-5/8%	10-1/2%	10-1/2%	10-1/2%
February 15, 1990		N/A	10-3/4%	10-3/4%	10-3/4%	10-3/4%	10-3/4%
March 1, 1990		N/A	11-1/4%	11.000%	11.000%	10-7/8%	10-7/8%
March 15, 1990		N/A	11-3/4%	11-1/2%	11-1/4%	11-1/8%	11-1/8%
April 1, 1990		N/A	12-1/8%	11-7/8%	11-3/4%	11-5/8%	11-5/8%
April 15, 1990		N/A	12-1/4%	12.000%	11-3/4%	11-5/8%	11-5/8%
May 1, 1990		N/A	13.000%	12-5/8%	12-1/4%	12.000%	12.000%
May 15, 1990		N/A	13.000%	12-5/8%	12-3/8%	12-1/8%	12-1/8%
June 1, 1990		N/A	12-3/8%	12.000%	11-7/8%	11-5/8%	11-5/8%
June 15, 1990		N/A	12-3/8%	12.000%	11-3/4%	11-5/8%	11-1/2%
July 2, 1990		N/A	12.000%	11-1/2%	11-3/8%	11-1/4%	11-1/8%
July 15, 1990		N/A	12.000%	11-1/2%	11-3/8%	11-1/4%	11-1/4%
August 1, 1990		N/A	12-1/8%	11-5/8%	11-1/2%	11-3/8%	11-3/8%
August 15, 1990		11-7/8%	11-3/4%	11-3/8%	11-3/8%	11-3/8%	11-3/8%
September 1, 1990		11-3/8%	11-3/8%	11-3/8%	11-3/8%	11-3/8%	11-3/8%
September 15, 1990		11-3/8%	11-3/8%	11-5/8%	11-5/8%	11-5/8%	11-5/8%
October 1, 1990		11-1/8%	11-1/4%	11-5/8%	11-1/2%	11-1/2%	11-1/2%
October 15, 1990		11-7/8%	12.000%	12-1/8%	12-1/8%	12-1/8%	12-1/8%
November 1, 1990		11-7/8%	12.000%	12-1/4%	12-1/4%	12-1/4%	12-1/4%
November 15, 1990		11-3/4%	11-7/8%	12.000%	12.000%	12.000%	12.000%
December 1, 1990		11-1/4%	11-3/8%	11-1/2%	11-3/8%	11-3/8%	11-3/8%
December 15, 1990		11-3/8%	11-3/8%	11-1/2%	11-1/2%	11-1/2%	11-1/2%
		1989	3 Year	5 Year	10 Year	15 Year	20 Year
1989	January 15, 1989	N/A	10-7/8%	10-7/8%	10-7/8%	11.000%	11.000%
	February 1, 1989	N/A	11.000%	11.000%	11.000%	11-1/8%	11-1/8%
	February 15, 1989	N/A	10-3/4%	10-3/4%	10-3/4%	10-3/4%	10-3/4%
	March 1, 1989	N/A	11.000%	11.000%	11.000%	11.000%	11.000%
	March 15, 1989	N/A	11-1/2%	11-1/4%	11-1/4%	11-1/4%	11-1/4%
	May 1, 1989	N/A	11-3/8%	11-1/8%	11-1/8%	11-1/8%	11-1/8%
	May 15, 1989	N/A	10-7/8%	10-7/8%	10-7/8%	10-7/8%	10-7/8%
	June 1, 1989	N/A	10-5/8%	10-3/4%	10-3/4%	10-3/4%	10-3/4%
	June 15, 1989	N/A	10-3/8%	10-3/8%	10-3/8%	10-3/8%	10-1/2%
	July 2, 1989	N/A	10.000%	10.000%	10-1/8%	10-1/4%	10-1/4%
	July 15, 1989	N/A	10.000%	10.000%	10-1/8%	10-1/8%	10-1/8%
	August 1, 1989	N/A	9-7/8%	9-7/8%	10-1/8%	10-1/4%	10-1/4%
	August 15, 1989	N/A	9-3/4%	9-7/8%	10-1/8%	10-1/4%	10-1/4%
	September 1, 1989	N/A	9-7/8%	10.000%	10-1/8%	10-1/8%	10-1/8%
	September 15, 1989	N/A	10-1/8%	10-1/8%	10-1/8%	10-1/8%	10-1/8%
	October 15, 1989	N/A	10-1/2%	10-1/2%	10-1/2%	10-1/2%	10-1/2%
	November 1, 1989	N/A	10-3/8%	10-1/4%	10-1/4%	10-1/4%	10-1/4%
	November 15, 1989	N/A	10-1/4%	10-1/8%	10-1/8%	10-1/8%	10-1/8%
	December 15, 1989	N/A	10-3/4%	10-1/2%	10-3/8%	10-3/8%	10-3/8%

1988	1988	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	February 1, 1988	N/A	10-3/8%	10-3/4%	11.000%	11-3/8%	11-1/2%
	February 15, 1988	N/A	9-5/8%	10.000%	10-1/4%	10-1/2%	10-5/8%
	March 1, 1988	N/A	9-5/8%	9-7/8%	10-1/8%	10-3/8%	10-1/2%
	April 1, 1988	N/A	9-3/4%	10-1/8%	10-3/8%	10-3/4%	10-3/4%
	April 15, 1988	N/A	9-7/8%	10-3/8%	10-5/8%	10-7/8%	11.000%
	May 15, 1988	N/A	10-1/8%	10-5/8%	10-7/8%	11-1/4%	11-1/4%
	June 1, 1988	N/A	10-3/8%	10-3/4%	11.000%	11-1/4%	11-3/8%
	June 15, 1988	N/A	10-1/4%	10-5/8%	10-7/8%	11-1/8%	11-1/4%
	July 15, 1988	N/A	10-1/8%	10-3/8%	10-5/8%	10-7/8%	10-7/8%
	August 1, 1988	N/A	10-3/8%	10-5/8%	10-7/8%	11-1/8%	11-1/8%
	September 1, 1988	N/A	10-3/4%	11.000%	11-1/8%	11-3/8%	11-3/8%
	September 15, 1988	N/A	10-7/8%	11-1/8%	11-1/4%	11-1/2%	11-1/2%
	October 1, 1988	N/A	10-5/8%	10-7/8%	11.000%	11-1/8%	11-1/8%
	October 15, 1988	N/A	10-1/2%	10-3/4%	11.000%	11-1/8%	11-1/8%
	November 1, 1988	N/A	10-1/4%	10-1/2%	10-3/4%	10-7/8%	10-7/8%
November 15, 1988	N/A	10-1/8%	10-3/8%	10-1/2%	10-5/8%	10-5/8%	
December 1, 1988	N/A	10-5/8%	10-3/4%	10-7/8%	11.000%	11.000%	
1987	1987	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	January 15, 1987	N/A	9-1/8%	9-1/4%	9-1/2%	9-3/4%	9-7/8%
	February 15, 1987	N/A	8-1/2%	9.000%	9-1/8%	9-3/8%	9-1/2%
	May 15, 1987	N/A	9-3/4%	10.000%	10-1/4%	10-1/2%	10-5/8%
	July 15, 1987	N/A	9-5/8%	9-7/8%	10.000%	10-1/8%	10-1/4%
	August 1, 1987	N/A	9-7/8%	10-1/8%	10-1/4%	10-1/2%	10-5/8%
	August 15, 1987	N/A	10-1/4%	10-1/2%	10-5/8%	10-7/8%	10-7/8%
	September 15, 1987	N/A	10-3/8%	10-3/4%	10-7/8%	11-1/8%	11-1/8%
	October 1, 1987	N/A	11-1/8%	11-3/8%	11-1/2%	11-5/8%	11-3/4%
	November 1, 1987	N/A	11-5/8%	11-3/4%	12.000%	12-1/8%	12-1/4%
	November 15, 1987	N/A	10-1/8%	10-3/8%	10-3/4%	11-1/8%	11-1/4%
	December 1, 1987	N/A	10-1/4%	10-1/2%	10-7/8%	11-1/4%	11-3/8%
December 15, 1987	N/A	10-5/8%	10-7/8%	11-1/8%	11-1/2%	11-5/8%	
1986	1986	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	January 15, 1986	N/A	9-7/8%	10-3/8%	10-5/8%	10-3/4%	10-7/8%
	February 15, 1986	N/A	10-3/8%	10-3/4%	11.000%	11-1/8%	11-1/4%
	March 15, 1986	N/A	9-7/8%	10-1/8%	10-3/8%	10-1/2%	10-5/8%
	May 1, 1986	N/A	9-1/4%	9-3/8%	9-1/2%	9-5/8%	9-3/4%
	July 2, 1986	N/A	9-5/8%	9-3/4%	10.000%	10-1/8%	10-1/4%
	August 1, 1986	N/A	9-1/4%	9-3/8%	9-1/2%	9-3/4%	9-7/8%
October 15, 1986	N/A	9-1/2%	9-5/8%	9-3/4%	10.000%	10-1/8%	
1985	1985	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	January 15, 1985	N/A	12.000%	12-1/2%	12-7/8%	13.000%	13.000%
	February 15, 1985	N/A	11-1/2%	12-1/8%	12-3/8%	12-1/2%	12-1/2%
	March 15, 1985	N/A	12-3/8%	12-3/4%	12-7/8%	13-1/8%	13-1/4%
	May 1, 1985	N/A	11-5/8%	12-1/8%	12-1/4%	12-3/8%	12-1/2%
	June 15, 1985	N/A	10-7/8%	11-3/8%	11-1/2%	11-5/8%	11-3/4%
December 1, 1985	N/A	10-1/8%	10-5/8%	10-7/8%	11.000%	11-1/8%	
1984	1984	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	April 1, 1984	N/A	12-1/8%	12-1/2%	12-5/8%	13%	13.000%
	May 1, 1984	N/A	12-7/8%	13-1/2%	13-5/8%	13-7/8%	14.000%
	July 15, 1984	N/A	13-5/8%	14-1/8%	14-1/4%	14-3/8%	14-1/2%
	August 15, 1984	N/A	14.000%	14-1/8%	14-1/4%	14-3/8%	14-1/2%
	September 15, 1984	N/A	13-1/4%	13-3/8%	13-1/2%	13-5/8%	13-3/4%
December 1, 1984	N/A	12-3/8%	12-7/8%	13.000%	13-1/8%	13-1/8%	

1983	1983	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	March 15, 1983	N/A	11-3/4%	12-1/2%	13.000%	13-1/4%	13-1/4%
	May 15, 1983	N/A	11-1/2%	12-3/8%	12-3/4%	13-1/8%	13-1/4%
	December 1, 1983	N/A	11-1/2%	12-3/8%	12-5/8%	12-5/8%	12-5/8%
1982	1982	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	May 1, 1982	N/A	16.000%	16.000%	16.000%	16.000%	16.000%
	August 1, 1982	N/A	17.000%	17.000%	17.000%	17.000%	17.000%
	September 1, 1982	N/A	16.000%	16.000%	16.000%	16.000%	16.000%
	October 1, 1982	N/A	15.000%	15-1/4%	15-1/2%	15-3/4%	15-3/4%
	November 1, 1982	N/A	14.000%	14-1/2%	14-3/4%	15-1/4%	15-1/4%
	December 1, 1982	N/A	12.000%	12-3/4%	13.000%	13-1/4%	13-1/4%
1981	1981	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	March 15, 1981	N/A	13-1/2%	13-1/2%	13-3/4%	14.000%	14.000%
	April 1, 1981	N/A	14.000%	14-1/8%	14-1/4%	14-1/4%	14-3/8%
	June 15, 1981	N/A	16-3/8%	16-3/8%	16-3/8%	16-3/8%	16-3/8%
	July 15, 1981	N/A	16-1/4%	16-1/4%	16-1/4%	16-1/4%	16-1/4%
	September 1, 1981	N/A	17-1/2%	17-1/2%	17-1/2%	17-1/2%	17-1/2%
	September 15, 1981	N/A	18-1/8%	18-1/8%	18-1/8%	18-1/8%	18-1/8%
	October 15, 1981	N/A	19.000%	19.000%	19.000%	19.000%	19.000%
	November 15, 1981	N/A	18-1/4%	18-1/4%	18-1/4%	18-1/4%	18-1/4%
December 1, 1981	N/A	16-1/2%	16-1/2%	16-1/2%	16-1/2%	16-1/2%	
1980	1980	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	March 1, 1980	N/A	13-5/8%	13-7/8%	13-7/8%	13-7/8%	13-7/8%
	July 2, 1980	N/A	11-3/4%	12.000%	12-1/8%	12-1/4%	12-5/8%
	August 15, 1980	N/A	11-1/4%	11-5/8%	11-7/8%	12.000%	12-1/8%
	September 1, 1980	N/A	12-3/8%	12-3/4%	13-1/4%	13-3/8%	13-1/2%
	November 1, 1980	N/A	13-1/8%	13-1/4%	13-3/8%	13-3/8%	13-1/2%
	December 1, 1980	N/A	13-1/4%	13-1/2%	13-5/8%	13-3/4%	13-3/4%
1979	1979	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	March 15, 1979	N/A	10-1/8%	10-1/4%	10-3/8%	10-1/2%	10-1/2%
	November 1, 1979	N/A	11-1/4%	11-1/8%	11-1/8%	11-1/8%	11-1/8%
	December 1, 1979	N/A	12.000%	12.000%	12.000%	12.000%	12.000%
1978	1978	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	March 1, 1978	N/A	8-3/4%	9.000%	9-1/2%	9-3/4%	9-3/4%
	August 1, 1978	N/A	9.000%	9-1/4%	9-1/2%	9-3/4%	9-3/4%
	December 1, 1978	N/A	10.000%	10-1/8%	10-1/4%	10-3/8%	10-3/8%
1977	1977	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	February 15, 1977	N/A	8-1/2%	8-3/4%	9.000%	9-1/4%	9-1/4%
1976	1976	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	March 1, 1976	N/A	9.000%	9-1/2%	10.000%	10.000%	10.000%
1975	1975	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	September 1, 1975	N/A	10-3/8%	10-3/8%	10-3/8%	10-3/8%	10-3/8%
	October 1, 1975	N/A	10-1/2%	10-1/2%	10-1/2%	10-1/2%	10-1/2%
1974	1974	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	June 1, 1974	N/A	8-3/4%	8-3/4%	8-3/4%	8-3/4%	8-3/4%
	August 1, 1974	N/A	9-3/8%	9-3/8%	9-3/8%	9-3/8%	9-3/8%
1973	1973	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	August 1, 1973	N/A	8-1/4%	8-1/4%	8-1/4%	8-1/4%	8-1/4%
1971	1971	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	March 1, 1971	N/A	7-3/4%	7-3/4%	7-3/4%	7-3/4%	7-3/4%
1970	1970	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	January 1, 1970	N/A	8-1/2%	8-1/2%	8-1/2%	8-1/2%	8-1/2%
1969	1969	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	July 1, 1969	N/A	8.000%	8.000%	8.000%	8.000%	8.000%

1968	1968	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	January 1, 1968	N/A	7.000%	7.000%	7.000%	7.000%	7.000%
	April 1, 1968	N/A	7-1/2%	7-1/2%	7-1/2%	7-1/2%	7-1/2%
1967	1967	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	January 1, 1967	N/A	6.000%	6.000%	6.000%	6.000%	6.000%
1960	1960	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	July 1, 1960	N/A	5-3/4%	5-3/4%	5-3/4%	5-3/4%	5-3/4%
1959	1959	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	July 1, 1959	N/A	5-5/8%	5-5/8%	5-5/8%	5-5/8%	5-5/8%
	December 1, 1959	N/A	6.000%	6.000%	6.000%	6.000%	6.000%
1957	1957	3 Year	5 Year	10 Year	15 Year	20 Year	25 Year
	January 1, 1957	N/A	4-3/4%	4-3/4%	4-3/4%	4-3/4%	4-3/4%