

Federal Reserve Discount Window & Payment System Risk Collateral Margins Table¹
Effective Date: January 2, 2013

Collateral Category ²	Margins for Securities (% of market value or internal fair market value estimate) ³			Margins for Loans (% of internal fair market value estimate)	
	Duration Buckets			Individually Deposited Loans ^{4,5}	Group Deposited Loans ⁴
	0-5	>5-10	>10		
U.S. Treasuries & Fully Guaranteed Agencies					
Bill/Notes/Bonds/Inflation Indexed	99%	97%	96%		
Zero Coupon, STRIPS ⁶	98%	96%	92%		
NCUA Temporary Corporate Credit Union Liquidity Guarantee Program					
Bills/Notes/Bonds - U.S. Dollar Denominated	98%	96%	95%		
Bills/Notes/Bonds - Foreign Denominated ⁷	92%	90%	89%		
Zero Coupon - U.S. Dollar Denominated	97%	95%	91%		
Government Sponsored Enterprises					
Bills/Notes/Bonds	98%	96%	95%		
Zero Coupon	97%	95%	91%		
Foreign Government Agencies					
U.S. Dollar Denominated	98%	96%	93%		
AAA rated - Foreign Denominated ⁷	92%	90%	87%		
Foreign Government, Foreign Government Guaranteed, and Brady Bonds					
AAA rated - U.S. Dollar Denominated	98%	96%	95%		
BBB-AA rated - U.S. Dollar Denominated	97%	95%	94%		
Foreign Denominated ⁷	92%	90%	89%		
Supranationals					
Bills/Notes/Bonds - U.S. Dollar Denominated	98%	96%	95%		
Bills/Notes/Bonds - AAA rated - Foreign Denominated ⁷	92%	90%	89%		
Zero Coupon	97%	95%	91%		
Corporate Bonds					
AAA rated - U.S. Dollar Denominated	97%	95%	94%		
BBB-AA rated - U.S. Dollar Denominated	95%	93%	92%		
AAA rated - Foreign Denominated ⁷	91%	89%	88%		
Covered Bonds					
AAA rated - U.S. Issued	97%	95%	94%		
BBB-AA rated - U.S. Issued	95%	93%	92%		
German Jumbo Pfandbriefe					
AAA rated - U.S. Dollar Denominated	98%	96%	95%		
AAA rated - Foreign Denominated ⁷	92%	90%	89%		
Municipal Bonds					
U.S. Dollar Denominated	98%	96%	95%		
AAA rated - Foreign Denominated ⁷	92%	90%	89%		
Asset Backed Securities					
AAA rated	98%	95%	83%		
BBB-AA rated	89%	86%	82%		
Collateralized Debt Obligations - AAA rated	92%	91%	90%		
Commercial Mortgage Backed Securities - AAA rated	97%	93%	92%		
Agency Backed Mortgages ⁸					
Pass Throughs	98%	96%	95%		
CMOs	98%	96%	90%		
Private Label CMOs - AAA rated	90%	84%	83%		
Trust Preferred Securities	93%	92%	91%		
Term Deposit Facility - Term Deposits	100%				
Certificates of Deposit, Bankers' Acceptances, Commercial Paper, Asset Backed Commercial Paper	97%				
GSE Stock		65%			
Agricultural Loans					
Minimal Risk Rated ⁹				91% to 96%	91%
Normal Risk Rated ¹⁰				67% to 95%	67%
Commercial Loans & Leases					
Minimal Risk Rated ⁹				87% to 96%	87%
Normal Risk Rated ¹⁰				63% to 95%	63%
US Agency Guaranteed Loans				96%	96%
Commercial Real Estate Loans					
Minimal Risk Rated ⁹				78% to 96%	78%
Normal Risk Rated ¹⁰				57% to 95%	57%
Construction Loans					
Minimal Risk Rated ⁹				71% to 96%	71%
Normal Risk Rated ¹⁰				63% to 94%	63%
Raw Land Loans					
Minimal Risk Rated ⁹				54% to 96%	54%
Normal Risk Rated ¹⁰				44% to 94%	44%
1-4 Family Mortgage Loans (first lien)				78% to 96%	76%
1-4 Family Mortgage Loans (second lien, home equity)				77% to 95%	72%
Private Banking Loans				90% to 96%	90%
Consumer Loans - Unsecured				60% to 96%	60%
Consumer Loans & Leases (auto, boat, etc.)				76% to 96%	76%
Consumer Loans - Credit Card Receivables					59%
Consumer Loans - Subprime Credit Card Receivables					54%
Student Loans					83%

Notes:

- The document is for informational purposes only and is subject to change without notice. This margins schedule is not binding on the Federal Reserve System in any particular transaction.
- Obligations of the pledging depository institution are not eligible collateral
- Eligible securities for which a third party price is not available are assigned an internally modeled value. The margin for the >10 duration bucket is applied to such securities.
- Individually deposited loans are loans pledged to the Federal Reserve Banks via the Automated Loan Deposit system. Loans pledged through other means are classified as group deposited loans.
- The margin applied to individually deposited loans is determined by the maturity and coupon of the loan
- Includes structured Guaranteed Notes issued by the FDIC or NCUA which do not accrue interest at a stated rate and do not make any payments prior to maturity
- Eligible foreign currencies are Japanese Yen, Euro, Australian Dollars, Canadian Dollars, British Pounds, Danish Krone, Swiss Francs, and Swedish Krona
- Includes structured Guaranteed Notes issued by the FDIC or NCUA which may be backed by loans, RMBS, CMBS, or ABS
- "Minimal Risk" is equivalent to investment grade.
- "Normal Risk" is equivalent to below investment grade while remaining a "pass credit" from a regulatory standpoint

Agricultural Loans - Minimal Risk Rated

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	96%	96%	96%	95%	93%	91%	91%	91%	91%	91%	91%
3	96%	96%	96%	95%	93%	91%	91%	91%	91%	91%	91%
4	96%	96%	96%	95%	93%	91%	91%	91%	91%	91%	91%
5	96%	96%	96%	95%	93%	91%	91%	91%	91%	91%	91%
6	96%	96%	96%	96%	94%	91%	91%	91%	91%	91%	91%
7	96%	96%	96%	96%	94%	92%	91%	91%	91%	91%	91%
8	96%	96%	96%	96%	96%	94%	91%	91%	91%	91%	91%
9	96%	96%	96%	96%	96%	96%	95%	91%	91%	91%	91%
10	96%	96%	96%	96%	96%	96%	96%	94%	91%	91%	91%
11	96%	96%	96%	96%	96%	96%	96%	96%	95%	92%	92%
12	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
13	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
14	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
15	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
16	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)

Agricultural Loans - Normal Risk Rated

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	95%	95%	91%	84%	76%	70%	67%	67%	67%	67%	67%
3	95%	95%	91%	84%	77%	72%	67%	67%	67%	67%	67%
4	95%	95%	91%	84%	78%	72%	68%	67%	67%	67%	67%
5	95%	95%	91%	84%	78%	73%	68%	67%	67%	67%	67%
6	95%	95%	91%	84%	78%	73%	69%	67%	67%	67%	67%
7	95%	95%	91%	84%	79%	74%	70%	67%	67%	67%	67%
8	95%	95%	91%	85%	79%	74%	70%	67%	67%	67%	67%
9	95%	95%	91%	85%	79%	75%	71%	67%	67%	67%	67%
10	95%	95%	91%	85%	79%	75%	71%	67%	67%	67%	67%
11	95%	95%	91%	85%	80%	75%	72%	68%	67%	67%	67%
12	95%	95%	91%	85%	80%	76%	73%	68%	67%	67%	67%
13	95%	95%	92%	86%	81%	77%	74%	69%	67%	67%	67%
14	95%	95%	92%	86%	82%	78%	74%	70%	67%	67%	67%
15	95%	95%	92%	87%	82%	79%	75%	71%	68%	67%	67%
16	95%	95%	93%	88%	83%	80%	77%	73%	70%	67%	67%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)

Commercial Loans & Leases - Minimal Risk Rated

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	96%	96%	96%	96%	94%	92%	88%	87%	87%	87%	87%
3	96%	96%	96%	96%	94%	92%	89%	87%	87%	87%	87%
4	96%	96%	96%	96%	94%	92%	89%	87%	87%	87%	87%
5	96%	96%	96%	96%	94%	92%	90%	87%	87%	87%	87%
6	96%	96%	96%	96%	95%	93%	90%	87%	87%	87%	87%
7	96%	96%	96%	96%	95%	93%	91%	87%	87%	87%	87%
8	96%	96%	96%	96%	96%	96%	93%	87%	87%	87%	87%
9	96%	96%	96%	96%	96%	96%	96%	92%	87%	87%	87%
10	96%	96%	96%	96%	96%	96%	96%	96%	92%	88%	88%
11	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
12	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
13	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
14	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
15	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
16	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%

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Commercial Loans & Leases - Normal Risk Rated

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	95%	95%	91%	84%	77%	71%	65%	63%	63%	63%	63%
3	95%	95%	91%	84%	78%	73%	68%	63%	63%	63%	63%
4	95%	95%	91%	85%	78%	73%	69%	63%	63%	63%	63%
5	95%	95%	91%	85%	79%	74%	69%	63%	63%	63%	63%
6	95%	95%	91%	85%	79%	74%	70%	64%	63%	63%	63%
7	95%	95%	91%	85%	79%	74%	71%	65%	63%	63%	63%
8	95%	95%	92%	85%	80%	75%	71%	66%	63%	63%	63%
9	95%	95%	92%	85%	80%	75%	72%	67%	64%	64%	64%
10	95%	95%	92%	85%	80%	76%	72%	68%	64%	64%	64%
11	95%	95%	92%	86%	80%	76%	73%	68%	65%	64%	64%
12	95%	95%	92%	86%	81%	77%	73%	69%	66%	65%	65%
13	95%	95%	92%	86%	81%	78%	74%	70%	67%	65%	65%
14	95%	95%	92%	87%	82%	78%	75%	71%	68%	66%	66%
15	95%	95%	93%	87%	83%	80%	76%	72%	69%	67%	67%
16	95%	95%	93%	88%	84%	81%	78%	74%	71%	68%	68%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)

Commercial Real Estate Loans - Minimal Risk Rated

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	96%	96%	95%	91%	87%	83%	78%	78%	78%	78%	78%
3	96%	96%	95%	92%	88%	84%	79%	78%	78%	78%	78%
4	96%	96%	95%	92%	88%	84%	80%	78%	78%	78%	78%
5	96%	96%	95%	92%	88%	84%	80%	78%	78%	78%	78%
6	96%	96%	95%	92%	88%	85%	81%	78%	78%	78%	78%
7	96%	96%	95%	92%	89%	85%	81%	78%	78%	78%	78%
8	96%	96%	96%	93%	89%	86%	82%	78%	78%	78%	78%
9	96%	96%	96%	93%	90%	87%	83%	78%	78%	78%	78%
10	96%	96%	96%	95%	92%	88%	85%	79%	78%	78%	78%
11	96%	96%	96%	96%	95%	92%	88%	82%	78%	78%	78%
12	96%	96%	96%	96%	96%	95%	92%	87%	81%	78%	78%
13	96%	96%	96%	96%	96%	96%	95%	91%	87%	83%	83%
14	96%	96%	96%	96%	96%	96%	96%	95%	92%	89%	89%
15	96%	96%	96%	96%	96%	96%	96%	96%	96%	95%	95%
16	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%

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Commercial Real Estate Loans - Normal Risk Rated

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	95%	94%	89%	81%	73%	65%	58%	57%	57%	57%	57%
3	95%	94%	90%	81%	74%	67%	62%	57%	57%	57%	57%
4	95%	94%	90%	81%	74%	68%	63%	57%	57%	57%	57%
5	95%	94%	90%	82%	75%	69%	64%	58%	57%	57%	57%
6	95%	94%	90%	82%	75%	69%	65%	59%	57%	57%	57%
7	95%	94%	90%	82%	75%	70%	66%	60%	58%	58%	58%
8	95%	95%	90%	82%	75%	70%	66%	61%	59%	59%	59%
9	95%	95%	90%	82%	76%	71%	67%	62%	60%	60%	60%
10	95%	95%	90%	82%	76%	71%	67%	63%	60%	60%	60%
11	95%	95%	90%	82%	76%	72%	68%	64%	61%	61%	61%
12	95%	95%	90%	83%	77%	72%	69%	64%	62%	62%	62%
13	95%	95%	90%	83%	77%	73%	69%	65%	62%	62%	62%
14	95%	95%	90%	83%	78%	74%	70%	66%	63%	62%	62%
15	95%	95%	90%	84%	78%	74%	71%	67%	64%	63%	63%
16	95%	95%	91%	84%	79%	75%	72%	68%	65%	64%	64%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)

Construction Loans - Minimal Risk Rated

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	96%	92%	85%	73%	71%	71%	71%	71%	71%	71%	71%
3	96%	92%	85%	74%	71%	71%	71%	71%	71%	71%	71%
4	96%	92%	86%	74%	71%	71%	71%	71%	71%	71%	71%
5	96%	92%	86%	75%	71%	71%	71%	71%	71%	71%	71%
6	96%	92%	86%	75%	71%	71%	71%	71%	71%	71%	71%
7	96%	92%	86%	75%	71%	71%	71%	71%	71%	71%	71%
8	96%	92%	86%	75%	71%	71%	71%	71%	71%	71%	71%
9	96%	92%	86%	75%	71%	71%	71%	71%	71%	71%	71%
10	96%	92%	86%	76%	71%	71%	71%	71%	71%	71%	71%
11	96%	92%	86%	76%	71%	71%	71%	71%	71%	71%	71%
12	96%	92%	86%	76%	71%	71%	71%	71%	71%	71%	71%
13	96%	92%	86%	76%	71%	71%	71%	71%	71%	71%	71%
14	96%	92%	86%	77%	71%	71%	71%	71%	71%	71%	71%
15	96%	92%	86%	77%	71%	71%	71%	71%	71%	71%	71%
16	96%	92%	86%	77%	71%	71%	71%	71%	71%	71%	71%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)

Construction Loans - Normal Risk Rated

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	94%	90%	82%	67%	63%	63%	63%	63%	63%	63%	63%
3	94%	90%	82%	68%	63%	63%	63%	63%	63%	63%	63%
4	94%	90%	82%	68%	63%	63%	63%	63%	63%	63%	63%
5	94%	90%	82%	69%	63%	63%	63%	63%	63%	63%	63%
6	94%	90%	82%	69%	63%	63%	63%	63%	63%	63%	63%
7	94%	90%	82%	69%	63%	63%	63%	63%	63%	63%	63%
8	94%	90%	82%	69%	63%	63%	63%	63%	63%	63%	63%
9	94%	90%	82%	70%	63%	63%	63%	63%	63%	63%	63%
10	94%	90%	82%	70%	63%	63%	63%	63%	63%	63%	63%
11	94%	90%	82%	70%	63%	63%	63%	63%	63%	63%	63%
12	94%	90%	82%	70%	63%	63%	63%	63%	63%	63%	63%
13	94%	90%	82%	71%	63%	63%	63%	63%	63%	63%	63%
14	94%	90%	82%	71%	63%	63%	63%	63%	63%	63%	63%
15	94%	90%	83%	71%	63%	63%	63%	63%	63%	63%	63%
16	94%	90%	83%	71%	64%	63%	63%	63%	63%	63%	63%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)

Raw Land Loans - Minimal Risk Rated

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	96%	92%	85%	73%	63%	54%	54%	54%	54%	54%	54%
3	96%	92%	85%	74%	65%	57%	54%	54%	54%	54%	54%
4	96%	92%	86%	74%	65%	58%	54%	54%	54%	54%	54%
5	96%	92%	86%	75%	66%	59%	54%	54%	54%	54%	54%
6	96%	92%	86%	75%	66%	60%	55%	54%	54%	54%	54%
7	96%	92%	86%	75%	67%	60%	56%	54%	54%	54%	54%
8	96%	92%	86%	75%	67%	61%	57%	54%	54%	54%	54%
9	96%	92%	86%	75%	67%	62%	57%	54%	54%	54%	54%
10	96%	92%	86%	76%	68%	62%	58%	54%	54%	54%	54%
11	96%	92%	86%	76%	68%	63%	59%	55%	54%	54%	54%
12	96%	92%	86%	76%	69%	63%	60%	56%	54%	54%	54%
13	96%	92%	86%	76%	69%	64%	60%	57%	55%	55%	55%
14	96%	92%	86%	77%	70%	65%	61%	57%	56%	56%	56%
15	96%	92%	86%	77%	70%	65%	62%	58%	56%	56%	56%
16	96%	92%	86%	77%	71%	66%	63%	59%	57%	57%	57%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)

Raw Land Loans - Normal Risk Rated

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	94%	90%	82%	67%	55%	45%	44%	44%	44%	44%	44%
3	94%	90%	82%	68%	57%	49%	44%	44%	44%	44%	44%
4	94%	90%	82%	68%	58%	51%	46%	44%	44%	44%	44%
5	94%	90%	82%	69%	59%	52%	47%	44%	44%	44%	44%
6	94%	90%	82%	69%	59%	53%	49%	46%	46%	46%	46%
7	94%	90%	82%	69%	60%	54%	50%	47%	47%	47%	47%
8	94%	90%	82%	69%	60%	54%	51%	49%	49%	49%	49%
9	94%	90%	82%	70%	61%	55%	52%	50%	50%	50%	50%
10	94%	90%	82%	70%	61%	56%	53%	51%	51%	51%	51%
11	94%	90%	82%	70%	62%	56%	53%	51%	51%	51%	51%
12	94%	90%	82%	70%	62%	57%	54%	52%	52%	52%	52%
13	94%	90%	82%	71%	63%	58%	55%	53%	53%	53%	53%
14	94%	90%	82%	71%	63%	58%	55%	53%	53%	53%	53%
15	94%	90%	83%	71%	63%	59%	56%	54%	54%	54%	54%
16	94%	90%	83%	71%	64%	59%	57%	55%	55%	55%	55%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)

1-4 Family Mortgage Loans (first lien)

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	96%	96%	96%	96%	95%	93%	92%	90%	86%	80%	78%
3	96%	96%	96%	96%	95%	93%	92%	90%	86%	80%	78%
4	96%	96%	96%	96%	95%	93%	92%	90%	86%	80%	78%
5	96%	96%	96%	96%	95%	93%	92%	90%	86%	80%	78%
6	96%	96%	96%	96%	95%	93%	92%	90%	86%	80%	78%
7	96%	96%	96%	96%	95%	94%	92%	90%	87%	80%	78%
8	96%	96%	96%	96%	96%	95%	93%	90%	87%	80%	78%
9	96%	96%	96%	96%	96%	96%	95%	93%	89%	81%	79%
10	96%	96%	96%	96%	96%	96%	96%	96%	93%	85%	83%
11	96%	96%	96%	96%	96%	96%	96%	96%	96%	91%	90%
12	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
13	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
14	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
15	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
16	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)

1-4 Family Mortgage Loans (second lien, home equity)

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	95%	95%	95%	94%	92%	90%	88%	85%	83%	79%	77%
3	95%	95%	95%	94%	92%	90%	88%	85%	83%	79%	77%
4	95%	95%	95%	94%	92%	90%	88%	85%	83%	79%	77%
5	95%	95%	95%	94%	92%	90%	88%	85%	83%	79%	77%
6	95%	95%	95%	94%	92%	90%	88%	85%	83%	79%	77%
7	95%	95%	95%	94%	92%	90%	88%	85%	83%	79%	77%
8	95%	95%	95%	94%	92%	90%	88%	85%	83%	79%	77%
9	95%	95%	95%	94%	92%	90%	88%	85%	83%	80%	78%
10	95%	95%	95%	94%	92%	90%	88%	85%	83%	80%	80%
11	95%	95%	95%	94%	92%	90%	88%	85%	83%	80%	80%
12	95%	95%	95%	94%	92%	90%	88%	86%	83%	80%	80%
13	95%	95%	95%	94%	92%	90%	88%	86%	83%	80%	80%
14	95%	95%	95%	94%	92%	90%	88%	86%	83%	80%	80%
15	95%	95%	95%	94%	92%	90%	88%	86%	83%	80%	80%
16	95%	95%	95%	94%	92%	90%	89%	86%	83%	80%	80%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)

Private Banking Loans

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	96%	96%	94%	90%	90%	90%	90%	90%	90%	90%	90%
3	96%	96%	94%	90%	90%	90%	90%	90%	90%	90%	90%
4	96%	96%	94%	90%	90%	90%	90%	90%	90%	90%	90%
5	96%	96%	94%	90%	90%	90%	90%	90%	90%	90%	90%
6	96%	96%	94%	90%	90%	90%	90%	90%	90%	90%	90%
7	96%	96%	94%	90%	90%	90%	90%	90%	90%	90%	90%
8	96%	96%	94%	90%	90%	90%	90%	90%	90%	90%	90%
9	96%	96%	94%	90%	90%	90%	90%	90%	90%	90%	90%
10	96%	96%	94%	90%	90%	90%	90%	90%	90%	90%	90%
11	96%	96%	95%	91%	90%	90%	90%	90%	90%	90%	90%
12	96%	96%	96%	92%	90%	90%	90%	90%	90%	90%	90%
13	96%	96%	96%	94%	91%	90%	90%	90%	90%	90%	90%
14	96%	96%	96%	96%	93%	91%	90%	90%	90%	90%	90%
15	96%	96%	96%	96%	96%	94%	92%	90%	90%	90%	90%
16	96%	96%	96%	96%	96%	96%	95%	92%	90%	90%	90%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)

Consumer Loans - Unsecured

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	96%	94%	91%	85%	80%	76%	72%	67%	61%	60%	60%
3	96%	94%	91%	85%	80%	76%	72%	67%	61%	60%	60%
4	96%	94%	91%	85%	80%	76%	72%	67%	61%	60%	60%
5	96%	94%	91%	85%	80%	76%	72%	67%	61%	60%	60%
6	96%	94%	91%	85%	80%	76%	72%	67%	61%	60%	60%
7	96%	94%	91%	85%	80%	76%	72%	67%	61%	60%	60%
8	96%	94%	91%	85%	80%	76%	72%	67%	61%	60%	60%
9	96%	94%	91%	85%	80%	76%	72%	67%	61%	60%	60%
10	96%	94%	91%	85%	80%	76%	72%	67%	61%	60%	60%
11	96%	94%	91%	85%	80%	76%	73%	67%	61%	60%	60%
12	96%	94%	91%	85%	80%	76%	73%	67%	62%	60%	60%
13	96%	94%	91%	85%	80%	76%	73%	67%	62%	60%	60%
14	96%	94%	91%	85%	81%	77%	73%	68%	62%	60%	60%
15	96%	94%	91%	86%	81%	77%	73%	68%	63%	60%	60%
16	96%	94%	91%	86%	81%	78%	74%	69%	63%	60%	60%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)

Consumer Loans & Leases (auto, boat, etc.)

Margin Table											
Coupon (%)	Maturity (Years)										
	0.25	0.5	1	2	3	4	5	7	10	20	25
0	96%	96%	93%	89%	85%	82%	79%	76%	76%	76%	76%
3	96%	96%	93%	89%	85%	82%	79%	76%	76%	76%	76%
4	96%	96%	93%	89%	85%	82%	79%	76%	76%	76%	76%
5	96%	96%	93%	89%	85%	82%	79%	76%	76%	76%	76%
6	96%	96%	93%	89%	85%	82%	79%	76%	76%	76%	76%
7	96%	96%	93%	89%	85%	82%	79%	76%	76%	76%	76%
8	96%	96%	93%	89%	85%	82%	79%	76%	76%	76%	76%
9	96%	96%	93%	89%	85%	82%	79%	76%	76%	76%	76%
10	96%	96%	93%	89%	85%	82%	79%	76%	76%	76%	76%
11	96%	96%	93%	89%	85%	82%	79%	76%	76%	76%	76%
12	96%	96%	93%	89%	85%	82%	79%	76%	76%	76%	76%
13	96%	96%	93%	89%	85%	82%	80%	76%	76%	76%	76%
14	96%	96%	93%	89%	86%	83%	80%	76%	76%	76%	76%
15	96%	96%	93%	89%	86%	83%	80%	76%	76%	76%	76%
16	96%	96%	93%	90%	86%	83%	81%	76%	76%	76%	76%

[Federal Reserve Discount Window & Payment System Risk Collateral Margins Table](#)