

REPORT OF INDEPENDENT AUDITORS AND CONSOLIDATED FINANCIAL STATEMENTS

BETHPAGE FEDERAL CREDIT UNION AND SUBSIDIARIES

December 31, 2018 and 2017



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Report of Independent Auditors

The Board of Directors and Supervisory Committee Bethpage Federal Credit Union and Subsidiaries

Report on Financial Statements

We have audited the accompanying consolidated financial statements of Bethpage Federal Credit Union and Subsidiaries (the "Credit Union"), which comprise the consolidated statements of financial condition as of December 31, 2018 and 2017, and the related consolidated statements of income, comprehensive income, changes in members' equity, and cash flows for the years then ended, and the related notes to the consolidated financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Bethpage Federal Credit Union and Subsidiaries as of December 31, 2018 and 2017, and the results of their operations and cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Moss Adams LLP

Portland, Oregon March 28, 2019

Bethpage Federal Credit Union and Subsidiaries Consolidated Statements of Financial Condition (dollars in thousands)

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AGGETG	December 31,		
	2018	2017	
	2010	2017	
Cash and cash equivalents	\$ 139,060	\$ 730,229	
Investments:			
Available-for-sale	1,552,499	1,380,314	
Trading	370,000	-	
Other	34,674	46,440	
Loans held for sale	25,494	35,489	
Loans receivable, net	5,986,847	5,476,469	
Accrued interest receivable	27,448	23,281	
Mortgage servicing rights, net	29,341	27,337	
Property and equipment, net	49,221	47,023	
Goodwill	56,788	56,788	
Other intangibles	19,900	20,079	
National Credit Union Share Insurance Fund deposit	65,304	59,491	
Foreclosed and repossessed assets	7,491	4,194	
Other assets	36,680	40,798	
Total assets	\$ 8,400,747	\$ 7,947,932	
LIABILITIES AND MEMBERS' EC	QUITY		
LIABILITIES			
Members' shares	\$ 7,315,688	\$ 6,668,821	
Borrowed funds	300,000	500,000	
Accrued expenses and other liabilities	116,321	156,334	
Accided experience and early habilities	110,021	100,001	
Total liabilities	7,732,009	7,325,155	
COMMITMENTS AND CONTINGENT LIABILITIES (NOTES 6 & 1	10)		
MEMBERS' EQUITY			
Retained earnings	701,636	638,962	
Equity acquired in merger	5,304	5,304	
Accumulated other comprehensive loss	(38,202)	(21,489)	
Total members' equity	668,738	622,777	
Total members equity	000,730	022,111	
Total liabilities and members' equity	\$ 8,400,747	\$ 7,947,932	

Bethpage Federal Credit Union and Subsidiaries Consolidated Statements of Income (dollars in thousands)

	Years Ended December 31,			
		2018		2017
INTEREST INCOME Interest and fees on loans receivable Interest on investments and cash equivalents	\$	233,521 47,189	\$	196,321 40,731
Total interest income		280,710		237,052
INTEREST EXPENSE Dividends on members' shares Interest on borrowed funds		82,977 4,627		48,477 5,863
Total interest expense		87,604		54,340
Net interest income		193,106		182,712
PROVISION FOR LOAN LOSSES		25,807		40,831
Net interest income after provision for loan losses		167,299		141,881
NON-INTEREST INCOME Members' shares service charges and other fees Mortgage servicing and loan fees Gain on sale of mortgage loans Investment services and insurance fees - commissions Bargain purchase gain Other non-interest income Total non-interest income		26,894 16,616 9,892 6,703 - 4,286		23,175 15,027 12,847 6,889 5,161 912
NON-INTEREST EXPENSES Salaries and benefits Operations Data processing Occupancy Education and promotional Professional services		67,752 45,755 27,990 10,790 10,260 6,469		63,921 43,294 25,726 10,159 9,187 6,637
Total non-interest expenses		169,016		158,924
NET INCOME	\$	62,674	\$	46,968

Bethpage Federal Credit Union and Subsidiaries Consolidated Statements of Comprehensive Income (dollars in thousands)

	Years Ended December 31,			ber 31,
		2018	2017	
NET INCOME	\$	62,674	\$	46,968
OTHER COMPREHENSIVE LOSS Investments available-for-sale: Net unrealized losses on securities				
available-for-sale arising during the period Reclassification adjustment for realized gains from		(19,061)		(3,209)
sales included in other non-interest income Defined benefit pension plans:		-		(637)
Net gain (loss) arising during the period Reclassification adjustment for amortization of prior service cost and net losses included in salaries		232		(2,899)
and benefits		2,116		1,840
Total other comprehensive loss		(16,713)	_	(4,905)
COMPREHENSIVE INCOME	\$	45,961	\$	42,063

Bethpage Federal Credit Union and Subsidiaries Consolidated Statements of Changes in Members' Equity (dollars in thousands)

	Retained Earnings		-		Accumulated	
	Undivided Earnings	Regular Reserve	Total Retained Earnings	Equity Acquired in Merger	Other Comprehensive Loss	
Balance, December 31, 2016	\$ 570,610	\$ 21,384	\$ 591,994	\$ -	\$ (16,584)	
Net income	46,968	-	46,968	-	-	
Equity acquired in merger	-	-	-	5,304	-	
Other comprehensive loss					(4,905)	
Balance, December 31, 2017	617,578	21,384	638,962	5,304	(21,489)	
Net income	62,674	-	62,674	-	-	
Other comprehensive loss					(16,713)	
Balance, December 31, 2018	\$ 680,252	\$ 21,384	\$ 701,636	\$ 5,304	\$ (38,202)	

Bethpage Federal Credit Union and Subsidiaries Consolidated Statements of Cash Flows (dollars in thousands)

		Years Ended	Decem	per 31,
		2018		2017
CASH FLOWS FROM OPERATING ACTIVITIES				
Net income	\$	62,674	\$	46,968
Adjustments to reconcile net income to net cash provided by	Ψ	02,014	Ψ	40,000
operating activities:				
Amortization of mortgage servicing rights		4,875		4,286
Amortization of net premium on investments		22,927		31,765
Provision for loan losses		25,807		40,831
Bargain purchase gain on acquisition				(5,161)
Gain on sale of investments available-for-sale		_		(637)
Purchases of trading securities		(370,000)		-
Gain on sale of mortgage loans		(9,892)		(12,847)
Mortgage loans originated for sale		(703,692)		(776,121)
Proceeds from sale of mortgage loans		717,203		804,075
Depreciation and amortization		5,342		6,051
Amortization of core deposit intangible		179		118
Write down of foreclosed and repossessed assets		974		564
Gain on sales of foreclosed and repossessed assets		(202)		(31)
Increase in accrued interest receivable		(4,167)		(2,802)
Decrease (Increase) in other assets		4,427		(10,125)
(Decrease) increase in accrued expenses and other liabilities		(38,477)		9,348
Net cash provided by operating activities		(282,022)		136,282
CASH FLOWS FROM INVESTING ACTIVITIES				
Purchases of investments available-for-sale		(612,962)		(114,854)
Proceeds from maturities of investments available-for-sale		398,789		310,040
Proceeds from sale of investments available-for-sale		-		81,860
Proceeds from sales of foreclosed and repossessed assets		2,052		727
Net decrease (increase) in other investments		11,766		(16,716)
Net increase in loans receivable		(542,306)		(581,807)
Increase in the National Credit Union Share Insurance Fund deposit		(5,813)		(3,411)
Purchases of property and equipment		(7,540)		(15,664)
Net cash received in acquisitions				8,052
Net cash used in investing activities		(756,014)		(331,773)
CASH FLOWS FROM FINANCING ACTIVITIES				
Net (decrease) increase in short-term borrowed funds		(200,000)		400,000
Net increase in members' shares		646,867		465,534
Net cash provided by financing activities		446,867		865,534
NET CHANGE IN CASH AND CASH EQUIVALENTS		(591,169)		670,043
Cash and cash equivalents at beginning of year		730,229		60,186
Cash and cash equivalents at end of year	\$	139,060	_\$	730,229

Bethpage Federal Credit Union and Subsidiaries Consolidated Statements of Cash Flows (dollars in thousands)

	Years Ended December 31,			
		2018		2017
SUPPLEMENTAL CASH FLOW INFORMATION Cash paid during the year for: Dividends on members' shares Interest on borrowed funds	<u>\$</u> \$	82,966 4,845	<u>\$</u>	48,471 5,485
Schedule of noncash investment activities: Transfer from loans receivable to foreclosed and repossessed assets	\$	6,121	\$	2,533
Acquisition: Assets acquired and recognized Liabilities assumed	\$	-	\$	117,676 107,211
Equity acquired in merger	\$	-	\$	5,304

Note 1 - Organization and Summary of Significant Accounting Policies

Organization

Bethpage Federal Credit Union (the "Credit Union") is a cooperative association holding an open charter under the provisions of the Federal Credit Union Act. The National Credit Union Administration (NCUA), is the regulatory agency that ensures the powers and privileges conferred on the Credit Union are used properly.

Principles of consolidation

The accompanying consolidated financial statements include the accounts of the Credit Union and its wholly-owned subsidiary, Bethpage Management Services, LLC ("BMS"). BMS owns 100% of Bethpage Risk Management, LLC and Bethpage Commercial, LLC, and 51% of Land Bound Services, LLC. All material intercompany balances and transactions have been eliminated in consolidation. Amounts included in the consolidated financial statements and related footnote disclosures are presented in thousands.

Use of estimates in the preparation of financial statements

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America ("U.S. GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of income and expenses during the reporting period. Actual results could differ from those estimates.

The principal estimates that are particularly susceptible to significant change in the near term relate to the determination of the allowance for loan losses, fair value of impaired loans, other than temporary impairment of investment securities, mortgage servicing rights, net realizable value of other real estate owned, fair value of derivatives and other financial instruments, impairment of goodwill and other intangibles and projected benefit obligations of defined benefit plans.

Acquisition accounting

Credit Union business combinations are accounted for using the acquisition method of accounting pursuant to Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 805, Business Combinations. Under the acquisition method of accounting, assets acquired, including identifiable intangibles, and liabilities assumed are recorded at estimated fair value at the date of acquisition. Any difference in purchase consideration over the fair value of assets acquired and liabilities assumed results in the recognition of goodwill should purchase consideration exceed net estimated fair values, or bargain purchase gain, should estimated net fair values exceed purchase consideration. With Credit Union acquisitions, purchase consideration is often referred to as estimated fair value of equity acquired. Expenses incurred in connection with an acquisition are expensed as incurred.

Equity method investments

The Credit Union has certain investments which are accounted for under the equity method of accounting, whereby the Credit Union's net investment is increased or decreased by allocated profits and losses, respectively. Additional investments increase the Credit Union's investment while distributions decrease the Credit Union's net investment. See Note 13.

Note 1 - Organization and Summary of Significant Accounting Policies (continued)

Cash, cash equivalents, and cash flows

Cash and cash equivalents consist of cash on hand, demand deposits with other financial institutions, and overnight investments. Cash and cash equivalents generally have a maturity of 90 days or less at the time of purchase. For purposes of reporting cash flows, loans receivable, other investments, members' shares and borrowed funds are reported net. Amounts due from financial institutions may exceed federally insured limits. At December 31, 2018 and 2017, there were approximately \$8,743 and \$6,301, respectively, in credit union and bank deposits with individual balances in excess of the insured limit.

Investments

Trading securities are reported at fair value. Realized and unrealized gains or losses on investments classified as trading securities are reported in the consolidated statements of income in other non-interest income. Investment securities that the Credit Union intends to hold for an indefinite period of time, but not necessarily to maturity, are classified as available-for-sale and are carried at fair value. Unrealized gains and losses on investments classified as available-for-sale have been accounted for as accumulated other comprehensive loss. Realized gains and losses on the sale of investments available-for-sale are determined using the specific identification method. Amortization of premiums and discounts, including fair value adjustments from business combinations, are recognized in interest income over the period to maturity.

Declines in the fair value of individual investments available-for-sale below their respective carrying value that are other than temporary will result in write-downs of the individual securities to their fair value. Factors affecting the determination of whether an other-than-temporary impairment has occurred include a downgrading of the security by a rating agency, a significant deterioration in the financial condition of the issuer, or that management would not have the ability to hold a security for a period of time sufficient to allow for any anticipated recovery in fair value. Other investments are classified separately and are stated at cost.

The Credit Union periodically evaluates each individual investment for impairment. Based upon the impairment testing completed as of December 31, 2018 and 2017, the Credit Union determined that there were no investments that were other than temporarily impaired.

Certificates of deposit

Certificates of deposit with other financial institutions are time deposits that generally are non-negotiable and non-transferable, and may incur substantial penalties for withdrawal prior to maturity.

Note 1 - Organization and Summary of Significant Accounting Policies (continued)

Federal Home Loan Bank stock

The Credit Union is a member of Federal Home Loan Bank of New York ("FHLBNY"). As a member of the FHLBNY, the Credit Union is required to acquire and hold shares of its capital stock. At December 31, 2018 and 2017, the Credit Union held FHLBNY stock with par value of \$32,680 and \$38,317, respectively.

No ready market exists for the FHLBNY stock, and it has no quoted market value. Therefore, the Credit Union's investment in FHLBNY stock is carried at cost and tested for impairment. At December 31, 2018 and 2017, management did not believe the stock was impaired.

Other investments

In order to utilize various service offerings, the Credit Union maintains a capital account with a Corporate Credit Union. The member capital account is an uninsured equity capital account with a Corporate Credit Union. No ready market exists for the equity capital, and there is no quoted market value. The Credit Union's investment in the Corporate Credit Union is carried at cost and tested for impairment.

Loans held for sale

Mortgage loans originated and intended for sale in the secondary market are carried at the lower of aggregate cost or estimated fair value. Mortgage loans held for sale are generally sold with the mortgage servicing rights retained by the Credit Union.

Acquired loans and leases

Loans purchased or acquired in a business combination are referred to as acquired loans. Acquired loans are valued as of the acquisition date in accordance with FASB, ASC Topic 805, Business Combinations. Loans acquired with evidence of credit deterioration since origination for which it is probable that all contractually required payments will not be collected are referred to as purchased credit impaired (PCI) loans. PCI loans are accounted for under FASB ASC Topic 310-30, Loans and Debt Securities Acquired with Deteriorated Credit Quality. Under FASB ASC Topic 805 and FASB ASC Topic 310-30, all acquired loans are recorded at fair value at acquisition date, factoring in credit losses expected to be incurred over the life of the loan. Accordingly, an allowance for loan losses is not carried over or recorded as of the acquisition date. Fair value is defined as the present value of the future estimated principal and interest payments of the loan, with the discount rate used in the present value calculation representing the estimated effective yield of the loan. Default rates, loss severity, prepayment speed and other relevant assumptions are periodically reassessed and the estimate of future payments is adjusted accordingly.

In the case of PCI loans, the difference between expected cash flows and the contractual cash flows from principal and interest is considered credit deterioration and is not accreted into income (nonaccretable difference). The difference between the expected cash flows from each loan and the recorded fair value is accreted into interest income over the life of each loan (accretable yield). Interest income recognition is discontinued on a loan if management determines sufficient uncertainty exists about the timing and amount of expected future cash flows. In such instances, all cash flows received are applied against the carrying value of the loan on a cost-recovery basis. Periodically, management reassesses the expected future cash flows for all PCI loans.

Note 1 - Organization and Summary of Significant Accounting Policies (continued)

Increases in cash flows will cause increases in interest income over the remaining life of a loan. Cash flow declines will typically result in recognition of impairment of a loan through establishment of an allowance for loan losses and charge to the provision for loan losses.

Acquired loans that are not PCI loans are referred to as purchased non-credit impaired (PNCI) loans. PNCI loans are accounted for under FASB ASC Topic 310-20, Receivables – Nonrefundable Fees and Other Costs, in which interest income is accrued on a level-yield basis for performing loans. For income recognition purposes, this method assumes that the fair value of loans acquired and all contractual cash flows will be collected, and no allowance for loan losses is established at the time of acquisition. Post-acquisition date, an allowance for loan losses may need to be established for acquired loans through a provision charged to earnings for credit losses incurred subsequent to acquisition. Under ASC 310-20, the loss would be measured based on the probable shortfall in relation to the contractual note requirements, consistent with the allowance for loan loss methodology for similar loans.

Originated loans receivable, net of allowance for loan losses and deferred net loan origination fees and costs

Loans are stated at the amount of unpaid principal, reduced by an allowance for loan losses and adjusted by deferred net loan origination costs. Interest on loans receivable is recognized over the term of the loans and is calculated using the effective interest method on principal amounts outstanding. Loan fees and certain direct loan origination costs are deferred, and the net fee or cost is recognized as an adjustment to interest income.

The Credit Union determines a loan to be delinquent when payments have not been made according to contractual terms, typically evidenced by nonpayment of a monthly installment by the due date.

The Credit Union maintains its allowance for loan losses in accordance with FASB ASC Topic 450, Contingencies, and FASB ASC 310, Receivables. Both statements require the Credit Union to evaluate the collectability of interest and principal loan payments. The accrual of a loss is required when it is probable that a loss has been incurred and the amount of the loss can be reasonably estimated. Impaired loans are measured based upon the present value of expected future cash flows discounted at the loan's effective interest rate or, as an alternative, at the loan's observable market price or fair value of the collateral.

A loan is defined under FASB ASC 310 as impaired when, based on current information and events, it is probable that a creditor will be unable to collect all amounts due according to the contractual terms of the loan agreement. In applying the impairment provisions of FASB ASC 310, the Credit Union considers its investment in consumer loans to be homogeneous and therefore they are excluded from individual identification for evaluation of impairment. These homogeneous loan groups are evaluated for impairment on a collective basis under FASB ASC 450.

Note 1 - Organization and Summary of Significant Accounting Policies (continued)

With respect to the Credit Union's investment in residential, commercial and other loans, and its evaluation of impairment thereof, management believes such loans are collateral dependent and, as a result, impaired loans are carried as a practical expedient at the lower of cost or fair value of the collateral.

A troubled debt restructuring occurs when, due to a member's financial difficulty, the Credit Union grants a more than insignificant concession that it would not otherwise consider. The concession can take the form of an interest rate or principal reduction or an extension of payments of principal or interest, or a combination of concessions. As a result of these concessions, restructured loans are impaired as the Credit Union will not collect all amounts due, both principal and interest, in accordance with the original loan agreement. Impairment reserves on non-collateral dependent restructured loans are measured by comparing the present value of expected future cash flows on the restructured loans discounted at the interest rate of the original loan agreement to the loan's carrying value. The estimated value of the concession for these loans is included in the allowance for loan loss estimate. Restructured loans performing in accordance with their new terms are not included in nonaccrual loans unless there is uncertainty as to the ultimate collection of principal or interest.

It is the Credit Union's policy to charge-off unsecured loans that are more than 150 days delinquent. Similarly, non-homogeneous collateral-dependent loans which are more than 90 days delinquent are considered to constitute more than a minimum delay in repayment and are individually evaluated for impairment under FASB ASC 310 at that time.

The allowance for loan losses is adjusted by a provision for loan losses recorded as an expense and decreased by charge-offs (net of recoveries). Loans are charged against the allowance for loan losses when management believes that collectability of the principal is unlikely. The allowance is an amount management believes will be adequate to absorb estimated incurred losses on existing loans. Management's periodic evaluation of the adequacy of the allowance is based on the Credit Union's past loan loss experience, known and inherent risks in the portfolio, adverse situations that may affect the borrower's ability to repay, estimated value of any underlying collateral, and current economic conditions. While management uses the best information available to make its evaluations, further adjustments to the allowance may be necessary if there are significant changes in economic conditions. Additionally, state and federal regulations, upon examination, may require the Credit Union to make additional provisions or adjustments to its allowance.

Accrued interest on loans

Interest is accrued as earned unless the collectability of the loan is in doubt. Accrual of interest on loans is discontinued when management believes that, after considering economics, business conditions, and collection efforts, the borrower's financial condition is such that collection of principal and interest is doubtful. The Credit Union's policy is to stop accruing interest when the loan becomes 90 days delinquent or if the collection of principal or interest is considered doubtful.

Note 1 - Organization and Summary of Significant Accounting Policies (continued)

All interest accrued but not collected for loans that are placed on nonaccrual status or subsequently charged off is reversed against interest income. Income is subsequently recognized on the cash basis until, in management's judgment, the borrower's ability to make periodic interest and principal payments has returned to normal and future payments are reasonably assured, in which case the loan is returned to accrual status.

The Credit Union's policy is that loans placed on nonaccrual will typically remain on nonaccrual status until all principal and interest payments are brought current and the prospect for future payment in accordance with the loan agreement appear relatively certain. The Credit Union's policy for commercial troubled debt restructurings generally refers to six months of payment performance as sufficient to warrant a return to accrual status.

Transfers and servicing of financial assets

FASB ASC 860, Transfers and Servicing, requires the Credit Union to recognize as a separate asset the right to service mortgage loans for others. An institution that acquires mortgage servicing rights through either the purchase or the origination of mortgage loans and sells those loans with servicing rights retained must allocate a portion of the cost of the loans to the mortgage servicing rights. Under FASB ASC 860, the Credit Union could elect to either amortize the mortgage servicing rights over the life of the loan or carry the mortgage servicing rights at fair value. Under both methodologies, the mortgage servicing rights would be tested for impairment. Management has elected to amortize the mortgage servicing rights in proportion to and over the period of estimated net servicing income.

Mortgage servicing rights are periodically evaluated for impairment based on the fair value of those rights. Fair values are estimated using discounted cash flows based on current market rates of interest and current expected future prepayment rates. For purposes of measuring impairment, the rights are stratified by one or more predominant risk characteristics of the underlying loans. The amount of impairment recognized is the amount, if any, by which the amortized cost of the rights for each stratum exceed their fair value.

The mortgage servicing rights recorded by the Credit Union were segregated into pools for valuation purposes, using as pooling criteria the loan type, loan term, investor, interest rate, maturity date, origination date, and coupon rate. Once pooled, each grouping of loans was evaluated on a discounted earnings basis to determine the present value of future earnings that a purchaser could expect to realize from each portfolio. Earnings were projected from a variety of sources including loan servicing fees, interest earned on float, net interest earned on escrows, miscellaneous income, and costs to service the loans. The present value of future earnings is the economic value of the pool, *i.e.*, the net realizable present value to a potential acquirer of the servicing rights.

The valuation of mortgage servicing rights is influenced by market factors, including servicing volumes and market prices, as well as management's assumptions regarding mortgage prepayment speeds, interest rates and servicing costs. Management also utilizes periodic third-party valuations by market professionals to evaluate the fair value of its capitalized mortgage servicing rights asset.

Note 1 – Organization and Summary of Significant Accounting Policies (continued)

Property and equipment

Land is carried at cost. Buildings, furniture and equipment, data processing and leasehold improvements are carried at cost, less accumulated depreciation and amortization. Buildings, furniture and equipment and data processing are depreciated using the straight-line method over the estimated useful lives of the assets. The estimated useful lives used to compute depreciation and amortization are as follows:

Buildings10-40 yearsFurniture and equipment3-15 yearsData processing2-5 yearsAutomobiles5 years

The cost of leasehold improvements is amortized using the straight-line method over the shorter of the terms of related leases or the useful lives of the improvements.

Goodwill

Goodwill represents the excess of the acquisition price over the fair value of the net liabilities assumed in the Montauk Credit Union acquisition in 2016. Goodwill is not amortized and is periodically assessed for impairment, in accordance with FASB ASC 350-20, Intangibles – Goodwill and Other.

The Credit Union performs a goodwill impairment analysis on an annual basis as of December 31st. Additionally, the Credit Union performs a goodwill impairment evaluation on an interim basis when events or circumstances indicate impairment potentially exists. A significant amount of judgment is involved in determining if an indicator of impairment has occurred. Such indicators may include, among others, a significant decline in the Credit Union's expected future cash flows; a significant adverse change in legal factors or in the business climate; adverse action or assessment by a regulator; and unanticipated competition.

When assessing goodwill for impairment, the Credit Union assesses qualitative factors to determine whether it is necessary to perform a quantitative impairment test. The quantitative impairment test involves a two-step process. The first step compares the fair value of a reporting unit to its carrying value. If the reporting unit's fair value is less than its carrying value, the Credit Union would be required to proceed to the second step. In the second step the Credit Union calculates the implied fair value of the reporting unit's goodwill. The implied fair value of goodwill is determined in the same manner as goodwill recognized in a business combination. The estimated fair value of the reporting unit is allocated to all of the reporting unit's assets and liabilities, including any unrecognized identifiable intangible assets, as if the reporting unit had been acquired in a business combination and the estimated fair value of the reporting unit is the price paid to acquire it. The allocation process is performed only for purposes of determining the amount of goodwill impairment.

No assets or liabilities are written up or down, nor are any additional unrecognized identifiable intangible assets recorded as a part of this process. Any excess of the estimated purchase price over the fair value of the reporting unit's net assets represents the implied fair value of goodwill. If the carrying amount of the goodwill is greater than the implied fair value of that goodwill, an impairment loss would be recognized as a charge to earnings in an amount equal to that excess.

Note 1 - Organization and Summary of Significant Accounting Policies (continued)

As of December 31, 2018 and 2017, the Credit Union concluded goodwill was not impaired.

Other intangibles

Other intangibles is comprised of the credit union charter acquired in the Montauk Credit Union business combination in 2016, which is an indefinite life intangible asset. Intangible assets with indefinite useful lives are not amortized and are reviewed for impairment at least annually, similar to goodwill impairment or, more frequently if impairment indicators arise. As of December 31, 2018 and 2017, the Credit Union concluded the intangible asset was not impaired.

Core deposit intangibles

Core deposit intangibles (CDI) are acquired in business combinations and initially recorded at fair value. The fair value is based on the present value of the expected cost savings attributable to the core deposit funding, relative to an alternative source of funding and is included in "Other Intangibles" in the statements of financial condition. The CDI is amortized over an estimated useful life that approximates the existing deposit relationships acquired, and are also reviewed for impairment. The CDI is being amortized using the straight-line method over an estimated useful life of 7 years. Amortization of intangible assets is included in dividends on members' shares in the consolidated statements of income. No impairment losses separate from the scheduled amortization have been recognized in the periods presented.

National Credit Union Share Insurance Fund deposit

The deposit in the National Credit Union Share Insurance Fund ("NCUSIF") is in accordance with National Credit Union Administration ("NCUA") regulations, which require the maintenance of a deposit by each federally insured Credit Union in an amount equal to 1% of its insured members' shares. The deposit would be refunded to the Credit Union if its insurance coverage is terminated, if it converts its insurance coverage to another source, or if management of the fund is transferred from the NCUA board.

Foreclosed and repossessed assets

Foreclosed and repossessed assets acquired through foreclosure or other proceedings are carried at fair value on the date of acquisition plus certain capitalized costs, net of estimated disposal costs. When these assets are acquired, any excess of the loan balance over the estimated fair value is charged to the allowance for loan losses. Carrying costs such as maintenance, interest and taxes are charged to expense as incurred. Subsequent impairments are recognized in non-interest expense. Because of changing market conditions, there are inherent uncertainties in the assumptions with respect to the estimated fair value of foreclosed and repossessed assets. Because of these inherent uncertainties, the amount ultimately realized from foreclosed and repossessed assets may differ from the amounts reflected in the consolidated financial statements.

Note 1 – Organization and Summary of Significant Accounting Policies (continued)

Derivative financial instruments

Mortgage loan commitments – Mortgage loan commitments are considered derivative loan commitments if the loan that will result from exercise of the commitment will be held for sale upon funding. The Credit Union enters into commitments to fund residential mortgage loans at specified times in the future, with the intention that these loans will subsequently be sold in the secondary market. A mortgage loan commitment binds the Credit Union to lend funds to a potential borrower at a specified interest rate and within a specified period of time, generally up to 60 days after inception of the rate lock.

Outstanding derivative loan commitments expose the Credit Union to the risk that the price of the loans arising from exercise of the loan commitment might decline from inception of the rate lock to funding of the loan due to increases in mortgage interest rates. If interest rates increase, generally the value of these loan commitments decreases. Conversely, if interest rates decrease, generally the value of these loan commitments increases. Loan commitments that are derivatives are recognized at fair value on the consolidated statements of financial condition in other assets or other liabilities with changes in fair values recorded in gain on sale of mortgage loans.

The Credit Union records no value for a loan commitment at inception (at the time the commitment is issued to a borrower) and does not recognize the value of the expected normal servicing rights until the underlying loan is sold. Subsequent to inception, changes in the fair value of loan commitments are recognized based on changes in the fair value of the underlying mortgage loan due to interest rate changes, changes in the probability the derivative loan commitment will be exercised and the passage of time. In estimating fair value, the Credit Union assigns a probability to a loan commitment based on an expectation that it will be exercised and the loan will be funded.

Forward loan sale commitments – The Credit Union utilizes forward loan sale commitments to mitigate the risk of potential decreases in the values of loans that might result from the exercise of the derivative loan commitments. With a forward loan sale contract, the Credit Union commits to deliver an individual mortgage loan of a specified principal amount and quality to an investor if the loan to the underlying borrower closes. Generally, the price the investor will pay the seller for an individual loan is specified prior to the loan being funded.

The Credit Union's forward sale contracts generally meet the definition of derivative instruments. Accordingly, forward loan sale commitments are recognized at fair value on the consolidated statements of financial condition in other assets or other liabilities with changes in their fair values recorded in gain on sale of mortgage loans. The Credit Union estimates the fair value of its forward loan sales commitments using a methodology similar to that used for derivative loan commitments.

Note 1 – Organization and Summary of Significant Accounting Policies (continued)

Members' shares

Members' shares are the deposit accounts of the owners of the Credit Union. Share ownership entitles the members to vote in the annual elections of the Board of Directors and on other corporate matters. Irrespective of the amount of shares owned, no member has more than one vote. Members' shares are subordinated to all other liabilities of the Credit Union upon liquidation. Dividends on members' shares are based on available earnings at the end of a dividend period and are not guaranteed by the Credit Union. Dividend rates are set by the Credit Union's management.

Income taxes

The Credit Union is federally chartered under the Federal Credit Union Act; therefore, no income tax returns are required to be filed. The Credit Union's wholly-owned subsidiaries are disregarded entities for tax purposes and, therefore, operations of the subsidiaries resulted in no income taxes for the years ended December 31, 2018 and 2017.

The Credit Union recognizes interest accrued and penalties related to unrecognized tax benefits as an administrative expense. During the years ended December 31, 2018 and 2017, the Credit Union recognized no interest or penalties. Additionally, the Credit Union had no unrecognized tax benefits as of December 31, 2018 and 2017.

Employee pension plan benefits

The Credit Union has a qualified, noncontributory defined benefit pension plan covering employees hired before March 1, 2012. The Credit Union's policy is to fund an amount in excess of the minimum amount required under the Employee Retirement Income Security Act ("ERISA"). The Credit Union accounts for the pension plan in accordance with FASB ASC 715, Compensation.

FASB ASC 715 requires an employer to (a) recognize in its balance sheet the overfunded or underfunded status of a defined benefit postretirement plan measured as the difference between the fair value of plan assets and the benefit obligation; (b) measure a plan's assets and its obligations that determine its funded status as of the date of its year-end statement of financial condition; and (c) recognize as a component of other comprehensive income (loss) the actuarial gains and losses and the prior service costs and credits that arise during the period. FASB ASC 715 does not change how an employer determines the amount of net periodic benefit cost.

Note 1 – Organization and Summary of Significant Accounting Policies (continued)

Comprehensive income

Comprehensive income consists of net income and other comprehensive loss. Accounting principles generally require that recognized revenue, expenses, gains, and losses be included in net income. Certain changes in assets and liabilities, such as unrealized or realized gains and losses on investments available-for-sale and pension liability adjustments, are reported as a separate component of the members' equity section of the consolidated statement of financial condition under the caption "Accumulated other comprehensive loss," and in the consolidated statements of comprehensive income.

The following are changes in accumulated other comprehensive loss by component for the years ending December 31, 2018 and 2017:

	on In	alized Gains ovestments oble-for-Sale	 ned Benefit sion Items	Total
December 31, 2017 Beginning balance	\$	13,184	\$ (29,768)	\$ (16,584)
Other comprehensive loss before reclassification		(3,209)	(2,899)	(6,108)
Amounts reclassified from accumulated other comprehensive income (loss)		(637)	1,840	1,203
Net current period other comprehensive loss		(3,846)	(1,059)	(4,905)
Ending balance	\$	9,338	\$ (30,827)	\$ (21,489)
December 31, 2018 Beginning balance	\$	9,338	\$ (30,827)	\$ (21,489)
Other comprehensive income (loss) before reclassification		(19,061)	232	(18,829)
Amounts reclassified from accumulated other comprehensive income (loss)		<u>-</u>	 2,116	2,116
Net current period other comprehensive income (loss)		(19,061)	2,348	(16,713)
Ending balance	\$	(9,723)	\$ (28,479)	\$ (38,202)

Note 1 - Organization and Summary of Significant Accounting Policies (continued)

Fair value of financial instruments

The Credit Union generally holds its earning assets, other than investments available-for-sale and loans held for sale, to maturity and settles its liabilities at maturity. However, fair value estimates are made at a specific point in time and are based on relevant market information. These estimates do not reflect any premium or discount that could result from offering for sale at one time the Credit Union's entire holdings of a particular instrument. Accordingly, as assumptions change, such as interest rates and prepayments, fair value estimates change and these amounts may not necessarily be realized in an immediate sale.

Disclosure of fair value does not require fair value information for items that do not meet the definition of a financial instrument or certain other financial instruments specifically excluded from its requirements. These items include property and equipment, leases, and equity. Further, fair value disclosure does not attempt to value future income or business. These items may be material and, accordingly, the fair value information presented does not purport to represent, nor should it be construed to represent, the underlying "market" or franchise value of the Credit Union.

The Credit Union accounts for and discloses fair value using the guidance of FASB ASC 820, Fair Value Measurement and Disclosures. FASB ASC 820 defines fair value, establishes a framework for measuring fair value, and expands disclosure about fair value. FASB ASC 820 defines fair value as the price that would be received to sell an asset or paid to transfer a liability (an exit price) in an orderly transaction between market participants on the measurement date. FASB ASC 820 also establishes a fair value hierarchy which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The fair value hierarchy includes three levels of inputs that may be used to measure fair value. A financial instrument's level within the fair value hierarchy is based on the lowest level of input significant to the fair value measurement.

Level 1 – Quoted prices (unadjusted) in active markets for identical assets or liabilities that the Credit Union has the ability to access at the measurement date.

Level 2 – Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities in active markets; quoted prices in markets that are not active for identical or similar assets or liabilities; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.

Level 3 – Unobservable inputs that are supported by little or no market activity and significant to the fair value of the assets or liabilities that are developed using the reporting entities' estimates and assumptions, which reflect those that market participants would use.

Note 1 - Organization and Summary of Significant Accounting Policies (continued)

A description of the valuation methodologies used for financial instruments measured at fair value on a recurring basis, as well as the classification of the instruments pursuant to the valuation hierarchy, are as follows:

Investment securities classified as trading or available-for-sale are reported using Level 1, Level 2 and Level 3 inputs. Level 1 instruments generally include equity securities valued based on quoted market prices in active markets. Level 2 instruments include agency issued securities, municipal bonds, mortgage-backed securities, collateralized mortgage obligations and certain auction rate securities. For these securities, the Credit Union obtains fair value measurements from an independent pricing service. The fair value measurements consider observable data that may include dealer quotes, market spreads, cash flows, the U.S. Treasury yield curve, live trading levels, trade execution data, market consensus prepayment speeds, credit information and the bonds' terms and conditions, among other things.

Level 3 securities consist of instruments that are not readily marketable and may only be redeemed with the issuer at par such as Federal Home Loan Bank ("FHLB") stock and certain auction rate securities. The FHLB stock is stated at par value, which is deemed to approximate fair value.

Impaired loans are evaluated and valued at the time the loan is identified as impaired, at the lower of the recorded investment in the loan or market value. The loans identified as impaired are collateral dependent secured by real estate. Market value is determined using the value of the collateral securing the loans and is therefore classified as Level 3. The value of the real estate is determined by independent licensed appraisers contracted by the Credit Union to perform the assessment. The appraised value is then discounted based upon management's experience, which includes estimated disposal costs, understanding of the member and the member's business as well as economic conditions.

Impaired loans are reviewed and evaluated on a quarterly basis for additional impairment and adjusted accordingly, based upon the pertinent conditions.

Fair values of foreclosed and repossessed assets, primarily real estate, automobiles and taxi medallions, are measured based on the assets' observable market price. For real estate, prices are derived from independent appraisals, while automobiles are based on observable market prices for comparable vehicles. For tax medallions, prices are derived from published sales of medallions less liquidation expenses. Foreclosed and repossessed assets are classified within Level 3 of the fair value hierarchy.

Subsequent events

Subsequent events are events or transactions that occur after the date of the consolidated statements of financial condition but before consolidated financial statements are issued. The Credit Union recognizes in the consolidated financial statements the effects of all subsequent events that provide additional evidence about conditions that existed at the date of the consolidated statements of financial condition, including the estimates inherent in the process of preparing the consolidated financial statements.

The Credit Union has evaluated subsequent events through March 28, 2019, which is the date the consolidated financial statements became available for issuance.

Note 2 - Business Combination

Effective May 19, 2017, the Credit Union acquired Northwell Health Federal Credit Union (Northwell), headquartered in Jericho, New York. The transaction was accounted for as a business combination. The acquisition allowed the Credit Union to expand its footprint into key strategic markets, and added approximately 17,000 members and 2 branches. No consideration was paid for the acquisition. The Credit Union acquired all of the assets and assumed all liabilities of Northwell. The fair values of assets acquired, intangibles recognized, liabilities assumed, and equity acquired as of the acquisition date were as follows:

	Fa	air Value
Assets acquired and recognized:		
Loans	\$	64,764
Cash and cash equivalents	,	8,052
Other investments		104
Certificates of deposit		10,058
Securities available-for-sale		28,673
Accrued interest receivable		201
NCUSIF capitalization deposit		982
Core deposit intangible		1,246
Other assets		3,596
Total assets acquired and recognized	\$	117,676
Liabilities assumed:		
Members' shares	\$	103,754
Other liabilities		3,457
Total liabilities assumed	\$	107,211
Net assets acquired	\$	10,465
Equity acquired in merger		5,304
Bargain purchase gain	\$	5,161

The results of operations of Northwell are included in the Credit Union's consolidated financial statements from the date of the acquisition. Acquisition-related expenses of \$1,611 were incurred during the year ended December 31, 2017, in connection with this acquisition, and are recognized in the consolidated statements of income within the line item "Professional services."

As of May 19, 2017, the unpaid principal balance on PNCI loans was \$57,494. The fair value of the PNCI loans was \$56,353 resulting in a discount of \$1,141 recorded on these loans. The principal cash flows not expected to be collected on these loans was estimated at \$1,508. This purchase discount is being accreted into income over the life of the loans on an effective yield basis.

Note 2 – Business Combination (continued)

The following table presents the PCI loans as of the acquisition date:

Undiscounted contractual cash flows	\$ 11,383
Undiscounted contractual cash flows not expected to be collected (non-accretable difference)	(2,614)
Undiscounted contractual cash flows expected to be collected Accretable yield at acquisition	8,769 (358)
Estimated fair value of purchased credit impaired loans	\$ 8,411

Note 3 - Investments

Investments classified as available-for-sale consist of the following:

	Amortized Cost	Unrealized Gains	Unrealized Losses	Fair Value
<u>December 31, 2018</u>				
Agency issued securities Agency issued MBS/CMOs* Municipal bonds	\$ 305,699 1,026,919 229,604	\$ 142 4,959 328	\$ (6,346) (6,068) (2,738)	\$ 299,495 1,025,810 227,194
	\$ 1,562,222	\$ 5,429	\$ (15,152)	\$ 1,552,499
<u>December 31, 2017</u>				
Agency issued securities Agency issued MBS/CMOs* Municipal bonds	\$ 414,764 783,238 172,974	\$ 4,267 8,590 365	\$ (521) (1,824) (1,539)	\$ 418,510 790,004 171,800
	\$ 1,370,976	\$ 13,222	\$ (3,884)	\$ 1,380,314

^{*}MBS and CMO represent Mortgage Backed Securities and Collateralized Mortgage Obligations, respectively.

There were no sales of securities available-for-sale during the year ended December 31, 2018. Gross gains of approximately \$637 resulting from sales of securities available-for-sale were realized during the year ended December 31, 2017. No losses were realized in 2017.

Note 3 – Investments (continued)

Gross unrealized losses and fair value by length of time that the individual investments available-for-sale have been in a continuous unrealized loss position at December 31, 2018 and 2017 are as follows:

	Less than	12 months	More than	12 months	Tot	tal
		Unrealized		Unrealized		Unrealized
	Fair Value	Losses	Fair Value	Losses	Fair Value	Losses
<u>December 31, 2018</u>						
Agency issued securities Agency issued MBS/CMOs Municipal bonds	\$ 220,107 421,978 53,209	\$ (4,715) (2,953) (282)	\$ 51,038 138,186 123,552	\$ (1,631) (3,115) (2,456)	\$ 271,145 560,164 176,761	\$ (6,346) (6,068) (2,738)
	\$ 695,294	\$ (7,950)	\$ 312,776	\$ (7,202)	\$1,008,070	\$ (15,152)
<u>December 31, 2017</u>						
Agency issued securities Agency issued MBS/CMOs Municipal bonds	\$ 8,288 98,450 64,163	\$ (16) (627) (405)	\$ 67,252 94,257 61,548	\$ (505) (1,197) (1,134)	\$ 75,540 192,707 125,711	\$ (521) (1,824) (1,539)
	\$ 170,901	\$ (1,048)	\$ 223,057	\$ (2,836)	\$ 393,958	\$ (3,884)

There were a total of 180 investments available-for-sale in an unrealized loss position less than 12 months and a total of 162 investments available-for-sale in an unrealized loss position greater than 12 months at December 31, 2018. There were a total of 84 investments available-for-sale in an unrealized loss position less than 12 months and a total of 110 investments available-for-sale in an unrealized loss position greater than 12 months at December 31, 2017.

The unrealized losses associated with these investments are considered temporary as the Credit Union does not have the intention to sell nor does it expect to be required to sell the investments prior to recovery or maturity. Management believes that the temporary unrealized loss is due to the interest rate and liquidity environment. Such determination was based upon an evaluation of the creditworthiness of the issuers and/or guarantors, the underlying collateral, if applicable, as well as the continuing performance of the securities. Management also evaluates other facts and circumstances that may be indicative of an other-than-temporary impairment condition. These include, but are not limited to, an evaluation of the type of security and length of time and extent to which the fair value has been less than cost, as well as certain collateral related characteristics.

There were no unrealized holding gains or losses arising during the year ended December 31, 2018 from trading securities.

Note 3 - Investments (continued)

Other investments consist of the following:

	 Decem	nber 31,	
	 2018		2017
Certificates of deposit in banks and savings institutions FHLBNY stock Member capital account in Corporate Credit Union	\$ 1,490 32,680 504	\$	7,619 38,317 504
	\$ 34,674	\$	46,440

Certificates of deposit are generally nonnegotiable and nontransferable, and may incur substantial penalties for withdrawal prior to maturity.

Investments by maturity as of December 31, 2018, are summarized as follows:

	 Amortized Cost	 Fair Value	Other estments
No contractual maturity – FHLBNY stock and			
member capital in Corporate Credit Union	\$ -	\$ -	\$ 33,184
Less than 1 year maturity	318,584	312,301	747
1–5 years maturity	155,939	154,523	743
5–10 years maturity	60,780	59,865	_
Mortgage-backed securities and CMOs	 1,026,919	 1,025,810	
	\$ 1,562,222	\$ 1,552,499	\$ 34,674

Expected maturities of mortgage-backed securities may differ from contractual maturities because borrowers may have the right to prepay the obligations and are, therefore, classified separately with no specific maturity date.

Collateral pledged for potential borrowings are summarized below:

	Decem	iber 3	31,		
	2018		2017		
Investments available-for-sale	\$ 793,219	\$	1,152,660		
Federal Home Loan Bank stock	32,680		38,317		

Note 4 - Loans Receivable and Credit Quality

Loans receivable consist of the following at December 31:

				Past	Due	Manuali			Purchased Credit	2040
	1	Month	21	Months		Months or More	Total	Current	Impaired Loans	2018 Total
Real estate loans:										
Residential fixed rate mortgages Residential non-owner occupied	\$	776 -	\$	343	\$	9,003	\$ 10,122	\$ 462,029 4,269	\$ -	\$ 472,151 4,269
Hybrid/balloon mortgages		3,752		1,146		5,030	9,928	1,472,382	-	1,482,310
Home equity line of credit, variable rate Home equity masterlines		11,174 187		1,561		5,034	17,769 187	1,411,355 137,618	-	1,429,124 137,805
Home equity loans		5.068		772		10,317	16.157	301.098	-	317.255
Commercial real estate		-		-		2,044	2,044	1,040,391	-	1,042,435
Commercial real estate participation loans		.					.	55,671	-	55,671
Vehicle loans Consumer loans		6,785 951		1,539 442		1,056 740	9,380 2,133	801,535 65,583	-	810,915 67,716
Commercial loans		951		1.004		2.073	3.174	32,432	22,349	57,716 57.955
Commercial participation loans		-		-		-	-	1,800	3,492	5,292
Consumer credit cards		876		613		1,575	 3,064	118,848		121,912
	\$	29,666	\$	7,420	\$	36,872	\$ 73,958	\$ 5,905,011	\$ 25,841	6,004,810
Allowance for loan loss Net deferred origination costs										(55,619) 37,656
Total										\$ 5,986,847
				Past	Duo				Purchased Credit	
	_			газі		Months			Impaired	2017
	1	Month	21	Vonths		r More	Total	Current	Loans	Total
Real estate loans:										
Residential fixed rate mortgages Residential non-owner occupied	\$	630	\$	978 -	\$	8,909	\$ 10,517 -	\$ 480,072 860	\$ 6	\$ 490,595 860
Hybrid/balloon mortgages		706		-		5,840	6,546	1,436,436	-	1,442,982
Home equity line of credit, variable rate Home equity loans		5,107 4,649		1,856 337		3,469 9,500	10,432 14,486	1,497,986 297,806	-	1,508,418 312,292
Commercial real estate		-,043		-		9,500	-	870,085	-	870,085
Commercial real estate participation loans		-		-		-	-	15,032	-	15,032
Vehicle loans		4,327		1,213		1,903	7,443	565,944	-	573,387
Consumer loans		1,077		501		867	2,445	69,647	3	72,095
Commercial loans Commercial participation loans		1,448		1,520		17,046	20,014	31,714 1,800	38,734 4,716	90,462 6,516
Consumer credit cards		867		763		1,699	 3,329	110,936	4,710	114,265
	\$	18,811	\$	7,168	\$	49,233	\$ 75,212	\$ 5,378,318	\$ 43,459	5,496,989
Allowance for loan loss Net deferred origination costs										(56,991)
										36,471

The Credit Union has purchased commercial loan participations originated by various other credit unions. All of these loan participations were purchased without recourse and are collateralized by real property and taxi medallions.

Note 4 – Loans Receivable and Credit Quality (continued)

The Credit Union offers nontraditional hybrid/balloon mortgage loans to its members. Hybrid/balloon loans consist of loans that are fixed for an initial period of three, five, seven, or ten years. After this period, the mortgages are converted to variable rate using the fully indexed rate capped at an annual increase of two percent, which can result in significant payment increase to the borrower.

The Credit Union categorizes commercial and real estate loans into risk categories based on numerous factors. Some of those factors include, but are not limited to, financial strength, industry/economic trends, and credit history. Each loan is assessed individually and grouped into a sub-category such as commercial, commercial real estate, commercial loan participations – real estate, residential, home equity masterlines, home equity and home equity lines of credit. An analysis of loans categorized and rated for risk is performed at least semi-annually. The risk rating grades ("Grades") listed below are used when each loan is analyzed:

Special Mention – A special mention loan has potential weaknesses that deserve management's close attention. If left uncorrected, these potential weaknesses may result in deterioration of the repayment prospects for the asset or in the Credit Union's credit position at some future date. Special mention assets are not adversely classified and do not expose the Credit Union to sufficient risk to warrant adverse classification.

Substandard – A substandard loan is inadequately protected by the current net worth and paying capacity of the obligor or by the collateral pledged, if any. Assets so classified must have a well-defined weakness, or weaknesses that jeopardize the liquidation of the debt. They are characterized by the distinct possibility that the Credit Union will sustain some loss if the deficiencies are not corrected.

Doubtful – A doubtful loan has all the weaknesses inherent in one classified as substandard with the added characteristic that the weaknesses make collection or liquidation in full highly questionable and improbable on the basis of currently known facts, conditions, and values.

Loss – A loss loan is considered uncollectible and of such little value that their continuance as bankable assets is not warranted.

All loans that are deemed to not fall within these risk ratings are given a "Pass" risk rating.

Note 4 – Loans Receivable and Credit Quality (continued)

The following is a summary of the credit risk profile of the commercial and real estate loans (principal balance only) and includes PCI loans:

					Dece	ember 31, 2018			
					Loan F	Participations			ome Equity lasterlines,
			Co	mmercial	Comr	mercial and	Residential	Loai	ns and Equity
	Co	mmercial	Re	eal Estate	Real E	Estate Loans	Mortgages	Lin	es of Credit
Grade:									
Pass	\$	10,019	\$	1,023,324	\$	54,618	\$ 1,917,509	\$	1,851,235
Special Mention		2,143		16,436		-	16,786		11,209
Substandard		29,274		2,675		3,410	6,580		5,940
Doubtful		16,519		_		2,935	17,855		15,800
Total	\$	57,955	\$	1,042,435	\$	60,963	\$ 1,958,730	\$	1,884,184
					Dece	ember 31, 2017			
					_	mmercial		Ho	ome Equity
					Re	al Estate		Loa	ns and Home
				mmercial		rticipation	Residential	Eq	uity Lines of
	Co	mmercial	Re	eal Estate		Loans	Mortgages		Credit
Grade:									
Pass	\$	6,855	\$	849,537	\$	13,708	\$ 1,890,167	\$	1,790,209
Special Mention		12,949		17,368		-	17,840		11,006
Substandard		32,243		3,180		3,779	7,956		4,975
Doubtful		38,415				4,061	18,474		14,520
Total	\$	90,462	\$	870,085	\$	21,548	\$ 1,934,437	\$	1,820,710

Note 4 – Loans Receivable and Credit Quality (continued)

For consumer loans, the Credit Union evaluates credit quality based on payment activity. Those loans that are 90 days or more past due are considered non-performing, while all remaining loans are evaluated as performing. The following is a summary of the credit risk profile of loans (principal balance only) by payment activity:

			Decem	ber 31, 2018		
	Consumer			onsumer	,	Vehicle
	Cı	redit Card		Other		Loans
Performing Non-performing	\$	120,337 1,575	\$	66,951 765	\$	809,772 1,143
Total	\$	121,912	\$	67,716	\$	810,915
			Decem	ber 31, 2017		
		onsumer redit Card	_	onsumer Other		Vehicle Loans
Performing Non-performing	\$	112,566 1,699	\$	71,210 885	\$	571,408 1,979
Total	\$	114,265	\$	72,095	\$	573,387

Note 4 – Loans Receivable and Credit Quality (continued)

The following tables summarize loans that were individually evaluated for impairment at December 31:

					:	2018				
		ecorded /estment	Р	Jnpaid rincipal Balance		elated owance	R	verage ecorded vestment	li	nterest ncome cognized
With no related allowance recorded:										
Commercial Residential mortgages Home equity masterlines, loans and	\$	2,534 28,702	\$	2,608 29,140	\$	-	\$	2,196 29,149	\$	71 945
equity lines of credit Consumer		23,565 41		23,876 41		<u>-</u>		23,876 44		1,022 4
Total		54,842		55,665		-		55,265		2,042
With an allowance recorded:										
Commercial Commercial real estate including		18,751		21,256		10,446		18,846		876
participations		21,954		21,965		1,885		21,928		1,314
Residential mortgages Home equity loans and home		9,745		9,933		1,155		9,893		465
equity lines of credit Consumer		8,960 36		9,014 36		3,074 7		9,001 43		190 4
Total		59,446		62,204		16,567		59,711		2,849
Total impaired loans	\$	114,288	\$	117,869	\$	16,567	\$	114,976	\$	4,891
						2017				
		ecorded vestment	Р	Jnpaid rincipal Balance	Re	elated owance	R	verage ecorded vestment	li	nterest ncome cognized
With no related allowance recorded:			Р	rincipal	Re	elated	R	ecorded	li	ncome
With no related allowance recorded: Commercial Residential mortgages			Р	rincipal	Re	elated	R	ecorded	li	ncome
Commercial	Inv	vestment 4,441	P E	rincipal Balance 4,879	Re Allo	elated	R Inv	ecorded vestment 4,461	Red	ncome cognized 259
Commercial Residential mortgages Home equity loans and home equity lines of credit	Inv	4,441 23,023 18,169	P E	4,879 23,298	Re Allo	elated	R Inv	4,461 23,270 18,105	Red	cognized 259 841 786
Commercial Residential mortgages Home equity loans and home equity lines of credit Consumer Total	Inv	4,441 23,023 18,169 48	P E	4,879 23,298 18,298 48	Re Allo	elated	R Inv	4,461 23,270 18,105 50	Red	259 841 786 3
Commercial Residential mortgages Home equity loans and home equity lines of credit Consumer	Inv	4,441 23,023 18,169 48	P E	4,879 23,298 18,298 48	Re Allo	elated	R Inv	4,461 23,270 18,105 50	Red	259 841 786 3
Commercial Residential mortgages Home equity loans and home equity lines of credit Consumer Total With an allowance recorded: Commercial	Inv	4,441 23,023 18,169 48 45,681 24,420 23,641	P E	4,879 23,298 18,298 46,523 26,748 23,672	Re Allo	elated owance	R Inv	4,461 23,270 18,105 50 45,886 24,919 23,931	Red	259 841 786 3 1,889 1,357
Commercial Residential mortgages Home equity loans and home equity lines of credit Consumer Total With an allowance recorded: Commercial Commercial real estate including participations Residential mortgages Home equity loans and home	Inv	4,441 23,023 18,169 48 45,681	P E	4,879 23,298 18,298 48 46,523 26,748 23,672 17,564	Re Allo	elated owance	R Inv	4,461 23,270 18,105 50 45,886 24,919 23,931 17,409	Red	259 841 786 3 1,889
Commercial Residential mortgages Home equity loans and home equity lines of credit Consumer Total With an allowance recorded: Commercial Commercial real estate including participations Residential mortgages	Inv	4,441 23,023 18,169 48 45,681 24,420 23,641	P E	4,879 23,298 18,298 46,523 26,748 23,672	Re Allo	elated owance	R Inv	4,461 23,270 18,105 50 45,886 24,919 23,931	Red	259 841 786 3 1,889 1,357
Commercial Residential mortgages Home equity loans and home equity lines of credit Consumer Total With an allowance recorded: Commercial Commercial real estate including participations Residential mortgages Home equity loans and home equity lines of credit	Inv	4,441 23,023 18,169 48 45,681 24,420 23,641 17,251 12,599	P E	4,879 23,298 18,298 48 46,523 26,748 23,672 17,564 12,875	Re Allo	elated owance	R Inv	4,461 23,270 18,105 50 45,886 24,919 23,931 17,409 12,709	Red	259 841 786 3 1,889 1,357 1,081 495

Note 4 – Loans Receivable and Credit Quality (continued)

Recorded investment as of December 31, 2018 and 2017 includes deferred net loan origination costs.

The allowance for loan losses is an estimate for probable incurred credit losses. Loan losses are charged against the allowance when management believes the uncollectability of all or part of a loan balance is confirmed. Subsequent recoveries, if any, are credited to the allowance. Management estimates the allowance balance required using, among other factors, past loan loss experience, the nature and volume of the portfolio, information about specific borrower situations and estimated collateral values, and economic conditions. Allocations to the allowance may be made for specific loans, but the entire allowance is available for any loan that, in management's judgment, should be charged-off.

As of December 31, 2018, and 2017 the Credit Union's investment in residential loans collateralized by residential real estate property in process of foreclosure was \$21,620 and \$20,845, respectively.

The following table presents data regarding the allowance for loan losses and loans evaluated for impairment by class of loan. Loan balances include deferred origination costs.

	Ir	mmercial ncluding ticipations	F	commercial Real Estate Including articipations	(Consumer	-	Residential Mortgages	M Loa	ome Equity lasterlines, ns and Equity nes of Credit	De	Total at cember 31, 2018
Allowance for loan losses:												
Beginning balance Charge-offs Recoveries Provision	\$	28,189 (17,083) 118 14,274	\$	5,222 - - 1,565	\$	8,753 (11,860) 1,755 12,418	\$	3,914 (185) 6 (485)	\$	10,913 (347) 417 (1,965)	\$	56,991 (29,475) 2,296 25,807
Ending balance	\$	25,498	\$	6,787	\$	11,066	\$	3,250	\$	9,018	\$	55,619
Ending balance: Individually evaluated for impairment Ending balance: Collectively evaluated for impairment	\$	10,446	\$	1,885	\$	7 11,059	\$	1,155 2,095	\$	3,074 5,944	\$	16,567 39,052
Loans receivable: Ending balance	\$	60,251	\$	1,096,301	\$	1,002,605	\$	1,963,578	\$	1,919,731	\$	6,042,466
Ending balance: Individually evaluated for impairment Ending balance:	\$	21,285	\$	21,954	\$	77	\$	38,447	\$	32,525	\$	114,288
Collectively evaluated for impairment	\$	38,966	\$	1,074,347	\$	1,002,528	\$	1,925,131	\$	1,887,206	\$	5,928,178

Note 4 – Loans Receivable and Credit Quality (continued)

	Ir	mmercial ncluding ticipations	Re	ommercial eal Estate ncluding ticipations	C	onsumer	-	Residential Mortgages	I H	ome Equity Loans and ome Equity nes of Credit	De	Total at ecember 31, 2017
Allowance for loan losses:												
Beginning balance Charge-offs Recoveries Provision	\$	2,762 (4,555) 46 29,936	\$	5,273 (1,241) - 1,190	\$	5,820 (7,307) 1,330 8,910	\$	4,981 (512) 74 (629)	\$	10,168 (1,049) 370 1,424	\$	29,004 (14,664) 1,820 40,831
Ending balance	\$	28,189	\$	5,222	\$	8,753	\$	3,914	\$	10,913	\$	56,991
Ending balance: Individually evaluated for impairment Ending balance: Collectively evaluated for impairment	\$	13,402	\$	1,522 3,700	\$	7 8,746	\$	2,375 1,539	\$	5,231 5,682	\$	22,537 34,454
Loans receivable: Ending balance	\$	94,290	\$	884,017	\$	761,020	\$	1,940,150	\$	1,853,983	\$	5,533,460
Ending balance: Individually evaluated for impairment Ending balance:	\$	28,861	\$	23,641	\$	108	\$	40,274	\$	30,768	\$	123,652
Collectively evaluated for impairment	\$	65,429	\$	860,376	\$	760,912	\$	1,899,876	\$	1,823,215	\$	5,409,808

The following table presents troubled debt restructurings that occurred during the years ended December 31, 2018 and 2017. The post-modification outstanding recorded investment presented below reflects the balance at the end of the period.

	Number of Contracts	Ou R	Modification tstanding ecorded vestment	Out R	Post-Modification Outstanding Recorded Investment		
<u>December 31, 2018</u>							
Residential mortgages Home equity masterlines, loans	6	\$	3,077	\$	3,124		
and lines of credit	18		1,983		1,569		
Commercial	34		10,946		9,898		
Total	58	\$	16,006	\$	14,591		
<u>December 31, 2017</u>							
Residential mortgages	19	\$	7,092	\$	7,253		
Home equity loans and home equity lines of credit	32		3,772		3,700		
Commercial real estate including participations	1		1,421		1,440		
Commercial	16		1,344		2,961		
Consumer	2		49,989		46,680		
Total	70	\$	63,618	\$	62,034		

Note 4 – Loans Receivable and Credit Quality (continued)

The following table summarizes troubled debt restructured loans that defaulted during the period ended December 31, 2018 and 2017 and for which the default occurred within 12 months of the modification date. The recorded investment reflects the balance at the end of the period.

	Number of Contracts	 ecorded estment	
<u>December 31, 2018</u>			
Residential mortgages Home equity masterlines, loans	2	\$ 620	
and lines of credit Commercial	1 12	56 1,788	
Total	15	\$ 2,464	
<u>December 31, 2017</u>			
Residential mortgages	3	\$ 974	

The following table summarizes loan balances in nonaccrual status:

	December 31,			
		2018	2017	
Commercial	\$	3,021	\$	17,231
Commercial participation loans		81		625
Commercial real estate including participations		2,044		900
Consumer				
Consumer – auto		1,143		1,979
Consumer – other		765		885
Consumer – credit cards		1,575		1,699
Residential Mortgages		12,484		12,136
Home equity masterlines, loans and lines of credit		15,352		12,969
Total	\$	36,465	\$	48,424

Loan balances in nonaccrual status include troubled debt restructurings of \$14,730 and \$25,749 as of December 31, 2018 and 2017, respectively.

The outstanding contractual unpaid balance of purchased impaired loans, excluding acquisition accounting adjustments, was \$73 million and \$123 million at December 31, 2018 and 2017, respectively. The carrying balance of purchased impaired loans was \$27 million and \$43 million at December 31, 2018 and 2017, respectively.

Note 4 – Loans Receivable and Credit Quality (continued)

The following table presents the changes in the accretable yield for purchased credit impaired loans for the year ended December 31, 2018:

	December 31,					
Balance, beginning of year	2018			2017		
	\$	1,826	\$	5,290		
Additions resulting from acquisitions		-		358		
Accretion to interest income		(833)		(3,258)		
Reclass from accretable to non-accretable		-		(564)		
	\$	993	\$	1,826		

Note 5 - Loan Servicing

Mortgage loans serviced for others are not included in the accompanying consolidated statements of financial condition. The unpaid principal balances of these loans at December 31, 2018 and 2017 are summarized as follows:

	2018			2017	
Federal National Mortgage Association Federal Home Loan Mortgage Corporation	\$	3,863,286 420,988	\$	3,614,569 424,623	
Federal Home Loan Bank of New York Government National Mortgage Association		258,193 124,770		188,604 95,664	
Charlie Mac, LLC		848		1,445	
Conventional (other)		18,060	_	22,480	
	\$	4,686,145	\$	4,347,385	

Custodial escrow balances maintained in connection with the foregoing loan servicing, and included in members' shares, were approximately \$30,605 and \$29,552 at December 31, 2018 and 2017, respectively.

Note 5 – Loan Servicing (continued)

The following table presents a summary of the changes in the balance of mortgage servicing rights:

	Years Ended December 31,					
	2018			2017		
Balance, beginning of year Servicing assets recognized during the year Amortization of servicing assets	\$	27,337 6,879 (4,875)	\$	24,162 7,461 (4,286)		
Balance, end of year	\$	29,341	\$	27,337		
Fair value of mortgage servicing rights	\$	49,337	\$	41,037		

Note 6 - Property and Equipment, Net

Property and equipment are summarized as follows:

	Property and Equipment		Accumulated Depreciation and Amortization		Property and Equipment, net	
<u>December 31, 2018</u>						
Land and improvements Building Furniture and equipment Data processing Automobile Leasehold improvements	\$	5,417 40,279 21,091 31,196 60 23,430	\$	(525) (13,938) (14,554) (27,711) (43) (15,481) (72,252)	\$	4,892 26,341 6,537 3,485 17 7,949
<u>December 31, 2017</u>						
Land and improvements Building Furniture and equipment Data processing Automobile Leasehold improvements	\$	5,417 37,859 17,929 29,447 61 23,419	\$	(514) (13,010) (13,634) (25,814) (36) (14,101)	\$	4,903 24,849 4,295 3,633 25 9,318
	\$	114,132	\$	(67,109)	\$	47,023

Note 6 - Property and Equipment, Net (continued)

Depreciation and amortization expense was \$5,342 and \$6,051, respectively, for the years ended December 31, 2018 and 2017.

The Credit Union leases various offices. The operating leases contain renewal options and provisions requiring the Credit Union to pay property taxes and operating expenses over base period amounts. All rental payments are dependent only upon the lapse of time.

Minimum rental payments under operating leases with initial or remaining terms of one year or more at December 31, 2018, are as follows:

		Minimum Rental Payments		
Years Ending December 31,	2019	\$ 4,135		
	2020	3,738		
	2021	3,686		
	2022	3,305		
	2023	2,983		
	Subsequent Years	 10,618		
		\$ 28,465		

Rental expense for the years ended December 31, 2018 and 2017 for all facilities leased under operating leases totaled \$5,041 and \$4,858, respectively.

Note 7 - Members' Shares

Members' shares are summarized as follows:

	December 31,			
		2018		2017
Money market accounts	\$	2,717,176	\$	1,635,186
Certificates		2,288,919		2,620,066
Regular shares		1,215,497		1,304,556
Share draft accounts		966,343		996,714
Individual retirement accounts – money market		127,753		112,299
	\$	7,315,688	\$	6,668,821

Note 7 - Members' Shares (continued)

Certificates by maturity as of December 31, 2018 are summarized as follows:

0–1 year maturity	\$ 1,075,488
1–2 years maturity	584,800
2–3 years maturity	394,610
3–4 years maturity	160,046
4–7 years maturity	73,975
	\$ 2,288,919

The National Credit Union Share Insurance Fund insures members' shares up to \$250. The aggregate amount of certificates in denominations of \$250 or more at December 31, 2018 and 2017 was approximately \$284,924 and \$354,623, respectively.

At December 31, 2018 and 2017, overdraft demand shares reclassified as loans totaled \$715 and \$689, respectively.

Note 8 - Borrowed Funds

The Credit Union has lines of credits with various financial institutions. The terms of the agreements call for pledging assets as security for any and all obligations taken by the Credit Union. The agreements provide for a total borrowing capacity of approximately \$1,391,507, subject to certain collateral requirements, with interest charged at a rate determined by the lenders on a periodic basis. At December 31, 2018, the Credit Union had outstanding borrowings of \$300,000 at a weighted average rate of 2.60% from the FHLBNY maturing in January 2019.

At December 31, 2017, the Credit Union had outstanding borrowings of \$500,000 at a rate of 1.53% from the FHLBNY with a maturity date of January 16, 2018. Additionally, there were no draws outstanding on these lines of credit for any material length of time in 2018 or 2017. The agreements are reviewed for continuation by the lenders and the Credit Union annually.

Note 9 - Concentrations of Credit Risk

The Credit Union has an open federal charter and there are no geographic or group affiliation field of membership restrictions. The open charter was approved during 2017 by the NCUA. The majority of current members are in New York's Nassau and Suffolk Counties. Although the Credit Union has a diversified loan portfolio, borrowers' ability to repay loans may be affected by the economic climate of the overall geographic region in which borrowers reside.

Note 10 - Commitments and Contingent Liabilities

The Credit Union is a party to various legal actions normally associated with collection of loans and other business activities of financial institutions, the aggregate effect of which, in management's opinion, would not have a material adverse effect on the consolidated financial condition or results of operations of the Credit Union.

Outstanding loan commitments are summarized as follows:

	December 31,			
		2018		2017
Home equity	\$	1,316,386	\$	1,171,394
Consumer – credit card		448,993		401,757
Mortgage loan commitments		222,172		-
Consumer – other		159,268		160,110
Commercial – real estate		16,524		6,009
Commercial		5,597		6,031
	\$	2,168,940	\$	1,745,301

Commitments may expire without being drawn upon. Therefore, the total commitment amount does not necessarily represent future cash requirements of the Credit Union. These commitments are not reflected in the consolidated financial statements.

In the ordinary course of business, the Credit Union is exposed to potential claims and/or litigation under representations and warranties made to purchasers and insurers of mortgage loans as well as the purchasers of servicing rights. Under certain circumstances, the Credit Union may be required to repurchase mortgage loans or indemnify the purchasers of loans or servicing rights for losses if there has been a breach of representations or warranties. Any resulting liabilities would be recorded at the date the loss is probable and could be reasonably estimated. There were no repurchase or indemnification liabilities at December 31, 2018 and 2017.

Note 11 - Derivative Financial Instruments

Certain derivative instruments do not meet the requirements to be accounted for as hedging instruments. These undesignated derivative instruments are recognized in other assets and other liabilities on the consolidated statements of financial condition at fair value, with changes in fair value recorded in gain on sale of mortgage loans.

Derivatives outstanding at the end of each year, and gains (losses) recognized during the year are summarized as follows:

	December 31, 2018							
	1	Notional	Fair `	Value –	Fair	Value –		Loss
		Amount	A	sset	(L	iability)	Red	cognized
Forward loan sale commitments Mortgage loan commitments	\$	94,407 130,864	\$	- 917	\$	(1,022)	\$	(742) (70)
				Decembe	r 31, 2	017		
	1	Notional	Fair '	Value –	Fair	· Value –	Gai	in (Loss)
		Amount		sset	(L	iability)	Red	cognized
Forward loan sale commitments Mortgage loan commitments	\$	108,824 147,707	\$	- 987	\$	(280)	\$	(2,273) 1,299

Note 12 - Employee Benefits

The Credit Union sponsors a funded, noncontributory defined benefit pension plan. The Credit Union also sponsors an unfunded, noncontributory, nonqualified defined benefit supplemental executive retirement plan. The plans call for benefits to be paid to eligible employees at retirement based primarily upon years of service with the Credit Union and compensation levels at retirement. Contributions to the plans reflect benefits attributed to employees' services to date, as well as services expected to be earned in the future. Plan assets consist primarily of equity securities.

The Credit Union also sponsors a postretirement benefit plan to provide health care benefits to retirees of the Credit Union from retirement until Medicare benefits become available. The postretirement benefits take into account actuarial assumptions that consider employee age, years to retirement, and years to Medicare benefits. Other assumptions include the portion of the health care premium for the retirees to be paid by the plan, and a factor of the health care cost trend rate.

Note 12 - Employee Benefits (continued)

The accrued pension benefits and net periodic pension costs for the years ended December 31, 2018 and 2017 are as follows:

	Pension Plans			Postretirement Benefit				
		2018		2017		2018		2017
Change in benefit obligation Projected benefit obligation at beginning of year Service cost	\$	89,024 2,909	\$	78,324 2,555	\$	10,732 342	\$	9,561 360
Interest cost Plan amendments		3,237		3,198		372		386
Benefits paid Actuarial loss		(2,381) (8,243)		(2,099) 7,046		(97) (1,670)		(301) 726
Projected benefit obligation at end of year		84,546		89,024		9,679		10,732
Change in plan assets Fair value of plan assets at beginning of year		68,683		58,269				
Actual return on plan assets		(4,840)		9,532		-		_
Employer contributions		5,448		2,982		97		301
Benefits paid		(2,381)		(2,099)		(97)		(301)
Fair value of plan assets at end of year		66,910		68,684				
Unfunded projected status at end of year	\$	(17,636)	\$	(20,340)	\$	(9,679)	\$	(10,732)
Accumulated benefit obligation	\$	75,255	\$	78,528	\$		\$	
Amounts recognized in the consolidated statements of financial condition consist of:								
Accrued benefit liability	\$	(17,636)	\$	(20,340)	\$	(9,679)	\$	(10,732)
Accumulated other comprehensive gain (loss)	\$	(28,121)	\$	(29,261)	\$	(358)	\$	(1,566)
Amounts recognized in accumulated other comprehensive loss consist of:								
Net actuarial loss	\$	27,405	\$	28,354	\$	1,705	\$	3,564
Prior service credit (cost)		716		907	1	(1,347)		(1,998)
Total	\$	28,121	\$	29,261	\$	358	\$	1,566

Included in accumulated other comprehensive loss at December 31, 2018 for the pension plans are unrecognized actuarial losses of \$28,121,356 that have not yet been recognized in net periodic benefit cost. The actuarial losses expected to be recognized in net periodic benefit cost for fiscal year 2019 is \$2,410,347.

Note 12 - Employee Benefits (continued)

The following table sets forth the actuarial assumptions related to the Credit Union's employee benefit plans as of:

	Pension Plans		Postretirer	ment Benefit
	2018	2017	2018	2017
Weighted-average assumptions used to determine benefit obligation as of December 31:				
Discount rate	4.29%	3.64%	4.27%	3.62%
Rate of compensation increase	3.50%	3.50%	N/A	N/A
Weighted-average assumptions used to determine net periodic pension cost as of December 31:				
Discount rate	3.64%	4.20%	3.62%	4.14%
Expected return on plan assets	7.00%	8.00%	N/A	N/A
Rate of compensation increase	3.50%	3.50%	N/A	N/A
Inflation	3.00%	3.00%	N/A	N/A
Health care inflation:				
Medical trend rates Year of ultimate achievement Dental trend rates Year of ultimate achievement			4.50% - 6.00% 2020 5.0% N/A	4.50% - 6.50% 2020 5.0% N/A

Net periodic pension cost for the Credit Union's pension plans include the following components for the years ended December 31:

	2018	2017
Administrative cost	\$ 2,910	\$ 2,555
Interest cost	3,237	2,198
Expected return on assets	(4,841)	(4,658)
Amortization of net loss	2,386	2,179
Amortization of prior year cost	190	192
Net periodic benefit cost	\$ 3,882	\$ 2,466

Note 12 - Employee Benefits (continued)

Assumed health care cost trend rates may have a significant effect on the amounts reported for the health care plan. A one-percent point change in assumed health care trend rates would have the following effects for the year ended December, 31, 2018:

	1% Point		1'	1% Point	
	In	D	Decrease		
Effect on total service and interest cost components	\$	163	\$	(125)	
Effect on postretirement benefit obligation		1,688		(1,333)	

The funded, noncontributory defined benefit pension plan's expected long-term rate of return assumption is based on a building block approach, determining risk-free asset return assumptions, and applying a weighted average methodology to the proportion of plan assets in each applicable asset class.

The Credit Union's pension plans' approximate weighted-average asset allocations by asset category are as follows:

	December 31,			
	2018	2017		
Equity securities (Level 1)	69%	72%		
Debt securities (Level 2)	29%	27%		
Other (Level 1)		1%		
	100%	100%		

The Credit Union's pension investment strategies are targeted to produce a total return that, when combined with the Credit Union's contributions to the plan, will maintain the fund's ability to meet all required benefit obligations. Risk is controlled through diversification of asset types and investments in domestic and international equities, fixed income securities and cash.

The minimum contribution requirement is approximately \$2,429 for the pension plans and approximately \$313 to the postretirement benefit plan in 2018.

Note 12 - Employee Benefits (continued)

The following pension and postretirement benefit payments for the next ten years, which reflect expected future service, as appropriate, are expected to be paid as follows:

			Pension/ Postretirement Benefit Payments	
Years Ending December 31,	2020		\$	2,951 3,385
	2021 2022			3,438 3,537
	2023 2024–2028			3,922 24,576
		•	\$	41,809

The noncontributory defined benefit pension plan is closed to new hires on or after March 1, 2012.

The Credit Union also has a defined contribution 401(k) plan that allows employees to defer a portion of their salary into the 401(k) plan. The Credit Union matches a portion of employees' wage contributions. Plan costs are accrued and funded on a current basis. The Credit Union contributed approximately \$2,389 and \$2,262, respectively, to the plan for the years ended December 31, 2018 and 2017.

Note 13 - Members' Equity

The Credit Union is subject to various regulatory capital requirements administered by the NCUA. Failure to meet minimum capital requirements can initiate certain mandatory - and possibly additional discretionary - actions by regulators that, if undertaken, could have a direct material effect on the Credit Union's financial statements. Under capital adequacy guidelines and the regulatory framework for prompt corrective action, the Credit Union must meet specific capital guidelines that involve quantitative measures of the Credit Union's assets, liabilities, and certain off-balance-sheet items as calculated under U.S. GAAP. The Credit Union's capital amounts and classification are also subject to qualitative judgments by the regulators about components, risk weightings, and other factors.

Quantitative measures established by regulation to ensure capital adequacy require the Credit Union to maintain minimum amounts and ratios (set forth in the table below) of net worth to total assets. Further, Credit Unions over \$50,000 in assets are also required to calculate a risk-based net worth ("RBNW") requirement which establishes whether or not the Credit Union will be considered "complex" under the regulatory framework. The Credit Union's RBNW requirements as of December 31, 2018 and 2017 were 5.64% and 5.26%, respectively. The minimum requirement to be considered "complex" under the regulatory framework is 6%. Management believes, as of December 31, 2018 and 2017, the Credit Union meets all capital adequacy requirements to which it is subject.

Note 13 - Members' Equity (continued)

As of December 31, 2018, the most recent call reporting period, and 2017, the NCUA categorized the Credit Union as "well capitalized" under the regulatory framework for prompt corrective action. To be categorized as "well capitalized," the Credit Union must maintain a minimum net worth ratio of 7% of assets. There are no conditions or events since that notification that management believes have changed the institution's category.

The Credit Union's actual capital amounts and ratios are presented in the following table:

	December 31, 2018				December 31, 2017			
	Ratio/					Ratio/		
		Amount	Requirement		Amount	Requirement		
Amount needed to be classified as								
"adequately capitalized"	\$	491,187	6.0%	\$	454,495	6.0%		
Amount needed to be classified as								
"well capitalized"		573,052	7.0%		530,245	7.0%		
Actual net worth		709,441	8.7%		646,767	8.5%		

Because the RBNW requirement is less than the net worth ratio, the Credit Union retains its original category. Further, in performing its calculation of total assets, the Credit Union used the quarter-end balance option, as permitted by regulation.

The following table presents a reconciliation of the Credit Union's total members' equity to regulatory net worth as summarized below:

	December 31,				
	2018	2017			
Total members' equity	\$ 668,738	\$ 622,777			
Accumulated other comprehensive loss	38,202	21,489			
Acquisition date retained earnings of acquirees	12,966	12,966			
Acquisition date enterprise fair values of acquirees	(5,304)	(5,304)			
Bargain purchase gain recognized	(5,161)	(5,161)			
Regulatory net worth	\$ 709,441	\$ 646,767			

Note 14 - Related Party Transactions

In the normal course of business, the Credit Union extends credit to directors, supervisory committee members and executive officers. The aggregate loans to related parties at December 31, 2018 and 2017 were \$3,951 and \$4,307, respectively. Deposits from related parties at December 31, 2018 and 2017 amounted to \$5,748 and \$4,270, respectively.

The Credit Union holds equity method investments in certain credit union service organizations ("CUSOs"). These CUSOs provide back-office and other operational services to the Credit Union.

The Credit Union owns a one-third interest in S3 Shared Service Solutions, LLC ("S3") which provides various administrative services to the Credit Union. Two other credit unions ("CUs") also each own one-third interests in S3. The investment is included in other assets on the consolidated statements of financial condition and totaled \$3,804 at December 31, 2018 and 2017. Net expenses for services provided by S3 were \$17,917 and \$16,514 during the years ended December 31, 2018 and 2017, respectively, and are included in operations expenses on the consolidated statements of income. The investment in S3 is recorded using the equity method of accounting.

On May 31, 2013, the Credit Union entered into a Contracted Employees and Cost Sharing Agreement with S3 in which the Credit Union leases employees and office space to S3 to perform administrative services for the CUs. The agreement may be unilaterally terminated by either party after a notice period of up to one year. In addition, the Credit Union and the CUs entered into a correspondent service agreement ("CSA") on May 31, 2013 which establishes that the Credit Union will be paid directly by the CUs on a monthly basis for costs of services provided. These payments amounted to \$25,745 and \$23,430 for the years ended December 31, 2018 and 2017, respectively. These payments are netted in the consolidated financial statements and had no effect on net income.

The Credit Union owns a one third interest in Open Technology Solutions, LLC ("OTS") which provides data support services to the Credit Union. The investment, included in other assets on the consolidated statements of financial condition, totaled \$942 at December 31, 2018 and 2017. Expenses for services provided by OTS were \$8,595 and \$8,330 for the years ended December 31, 2018 and 2017, respectively, and are included in operations expenses on the consolidated statements of income. The investment in OTS is recorded using the equity method of accounting. In addition, Bethpage and the CUs extended a loan to OTS during 2014 which had an interest rate of 3.25% and maturity date of December 31, 2018. The portion of the loan to OTS recorded as a receivable to Bethpage was \$1,800 as of December 31, 2018 and 2017, and is included in loans receivable in the consolidated statement of financial condition.

Note 15 - Fair Value of Financial Instruments

Assets and liabilities measured at fair value on a recurring basis are summarized below:

	Fair Value Measurement at December 31, 2018							
	Level 1		Level 2		Level 3		Fair Value	
Trading investments Investments available-for-sale:	\$	370,000	\$	-	\$	-	\$	370,000
Agency issued securities		-		299,495		-		299,495
Agency issued MBS/CMOs Municipal bonds		-		1,025,810 227,194		-		1,025,810 227.194
Mortgage loan commitments				917		<u> </u>		917
Total assets	\$	370,000	\$	1,553,416	\$		\$	1,923,416
Forward loan sales commitment	\$		\$	(1,022)	\$		\$	(1,022)
Total liabilities	\$	_	\$	(1,022)	\$		\$	(1,022)
	Fair Value Measurement				at Decer	mber 31, 2	017	
		Level 1		Level 2	Lev	vel 3		air Value
Investments available-for-sale:	•		•	440.540	•		•	440.540
Agency issued securities Agency issued MBS/CMOs	\$	-	\$	418,510 790,004	\$	-	\$	418,510 790,004
Municipal bonds		-		171,800		-		171,800
Mortgage loan commitments				987				987
Total assets	\$	-	\$	1,381,301	\$		\$	1,381,301
Forward loan sales commitment	\$		\$	(280)	\$		\$	(280)
Total liabilities	\$		\$	(280)	\$	-	\$	(280)

Assets measured at fair value on a non-recurring basis are summarized below:

	Fair Value Measurement at December 31, 2018							
	Level 1		Level 2		Level 3		Fair Value	
Impaired loans Foreclosed and repossessed assets	\$	- -	\$	<u>-</u>	\$	97,721 7,491	\$	97,721 7,491
	\$		\$		\$	105,212	\$	105,212
	Fair Value Measurement at December 31, 2017							
	L	evel 1	Lev	rel 2		Level 3	F	air Value
Impaired loans Foreclosed and repossessed assets	\$	<u>-</u>	\$	<u>-</u>	\$	101,115 4,194	\$	101,115 4,194
	\$		\$		\$	105,309	\$	105,309

Note 15 – Fair Value of Financial Instruments (continued)

The following table provides a description of valuation technique, significant unobservable inputs and qualitative information about the unobservable inputs for the Credit Union's assets and liabilities classified as level 3 and measured at fair value on a recurring and nonrecurring basis at December 31:

Financial	Valuation	Unobservable	Discount Range				
Instruments	Technique	Inputs	2018	2017			
Impaired loans	Market comparable	Adjustments to appraised values	0 – 15%	0 – 15%			
Foreclosed and repossessed assets	Market comparable	Adjustments to appraised values	10 – 20%	10 – 20%			

The estimated fair value amounts have been determined by the Credit Union using available market information and appropriate valuation methodologies. However, considerable judgment is necessarily required to interpret market data to develop the estimates of fair value. Accordingly, the estimates presented herein are not necessarily indicative of the amounts the Credit Union could realize in a market exchange. The use of different assumptions and/or estimation methodologies may have a material effect on the estimated fair value amounts.

Note 16 - Securitizations

The Credit Union securitizes loans as a source of funding. In a securitization, debt securities are issued and are generally collateralized by a single class of transferred assets, such as residential mortgages. The Credit Union had \$125,044 and \$96,465 outstanding as of December 31, 2018 and 2017, respectively, of GNMA guaranteed Residential Mortgage Backed Securities (RMBS) while retaining the rights to servicing.

Under the provisions of the RMBS program, the Credit Union, as the issuer and servicer, in specific instances is obligated to collect certain "defaulted" mortgages that are subject to a specific collection process under FHA and HUD guidelines. Management has determined that under certain circumstances it is possible that the Credit Union might, in some instances, collect amounts that are less than the HUD guaranteed amount. Additionally, if a borrower prepays a loan at any time during any month other than at the end of the month the Credit Union cannot charge a prepayment penalty and must pay the bond holders interest as if the loan were outstanding all month.

As part of the securitization process, the Credit Union enters into forward delivery contracts. At December 31, 2018 and 2017, outstanding forward delivery contracts were \$9,615 and \$3,966, respectively. These agreements are matched to the dollar amount of each securitization trade.



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