

City of Waco
Claim Rate & Loss Ratio Analysis

Control / Proposal #
Group
Elimination Period (# of Days)
Valuation Date
Initial Incurral Date
Policy Year Anniversary Date
Interest Rate
Lag Time
Reserve Type

92915
Composite
180
01/01/2019
01/01/2014
1/1
3.50
0
DAP

Current Date: 2/4/2019

Gross Cash Claims and Reserve Values

Open & Closed Claims Provided

Paid Claim Period	Year of Incurral					Total
	01/01/2014 - 12/31/2014	01/01/2015 - 12/31/2015	01/01/2016 - 12/31/2016	01/01/2017 - 12/31/2017	01/01/2018 - 6/30/2018	
						\$0
						\$0
01/01/2014-12/31/2014	\$0					\$0
01/01/2015-12/31/2015	\$16,384	\$638				\$17,022
01/01/2016-12/31/2016	\$81,225	\$15,611	\$0			\$96,836
01/01/2017-12/31/2017	\$39,709	\$11,662	\$22,875	\$21,144		\$95,390
01/01/2018-12/31/2018	\$18,178	\$7,799	\$44,530	\$16,145	\$823	\$87,475
Total Cash Claims	\$ 156,496	\$ 35,710	\$ 67,405	\$ 37,289	\$823	\$ 296,723
Reserve	\$98,791	\$26,952	\$250,921	\$0	\$63,316	\$ 439,980
Total Incurred Claims	\$ 254,287	\$ 62,662	\$ 318,326	\$ 37,289	\$64,139	\$ 736,703
# of Open claims	2	2	1	0	1	6
# of Claims	3	2	1	2	1	9
Actual Incidence per 1,000	2.08	1.40	0.71	1.41	1.34	
Insured Lives	1,439	1,426	1,415	1,421	1,494	

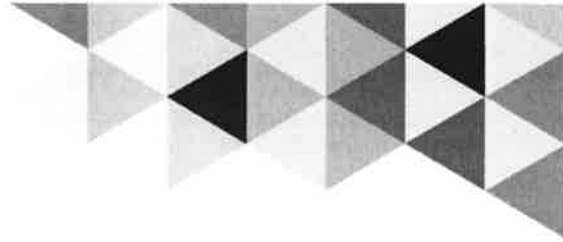
City of Waco
Claim Rate & Loss Ratio Analysis

Discounted Value of Cash Claims and Reserves

Open & Closed Claims Provided

Paid Claim Period	Year of Incurral					Total
	01/01/2014 - 12/31/2014	01/01/2015 - 12/31/2015	01/01/2016 - 12/31/2016	01/01/2017 - 12/31/2017	01/01/2018 - 6/30/2018	
						\$0
						\$0
01/01/2014-12/31/2014	\$0					\$0
01/01/2015-12/31/2015	\$15,822	\$625				\$16,447
01/01/2016-12/31/2016	\$74,912	\$15,023	\$0			\$89,935
01/01/2017-12/31/2017	\$35,757	\$10,852	\$22,108	\$20,552		\$89,269
01/01/2018-12/31/2018	\$15,608	\$6,977	\$41,712	\$15,315	\$806	\$80,418
Total Cash Claims	\$142,099	\$33,477	\$63,820	\$35,867	\$806	\$276,069
Reserve	\$85,013	\$24,163	\$233,165	\$0	\$62,105	\$404,446
IBNR Claims	\$2,939	\$1,633	\$13,120	\$1,018	\$6,692	\$25,402
Total Incurred Claims	\$230,051	\$59,273	\$310,105	\$36,885	\$69,603	\$705,917
Time Value Adj. Claims	\$13,397	\$2,233	\$3,585	\$1,422	\$17	\$20,654
Time Value Adj. Reserves	\$13,778	\$2,789	\$17,756	\$0	\$1,211	\$35,534
Total Time Value Adjustment	\$27,175	\$5,022	\$21,341	\$1,422	\$1,228	\$56,188
Total Adj. Incurred Claims	\$ 230,051	\$ 59,273	\$ 310,105	\$ 36,885	\$ 69,603	\$705,917
Months of Exposure	12	12	12	12	6	54
Avg. Net Monthly Benefit	\$1,444	\$458	\$2,057	\$2,630	\$1,269	
Covered Payroll	\$5,957,682	\$6,000,065	\$5,896,914	\$6,456,590	\$6,467,974	
Claim Rate	\$ 0.322	\$ 0.082	\$ 0.438	\$ 0.048	\$ 0.179	\$ 0.214
Paid Premium	\$91,510	\$92,161	\$95,530	\$118,543	\$59,376	\$457,120
Paid Loss Ratio	251.39%	64.31%	324.62%	31.12%	117.22%	154.43%
Constant Premium	\$109,383	\$110,161	\$108,267	\$118,543	\$59,376	\$505,730
Constant Loss Ratio	210.32%	53.81%	286.43%	31.12%	117.22%	139.58%

Incurred Period Set Back



City of Waco

City of Waco, Control #92915
LTD Open and Closed Claim Listing
Valuation as of 1/1/2019

Reserves anticipated under Disability Absence & Productivity Contract

Date of Birth	Gender	Date of Disability	Claim Status	Termination Date	Net Monthly Benefit	Gross Benefit	Reserves
3/7/1959	M	6/11/2018	Approved		\$1,269		
8/8/1982	F	2/22/2017	Terminated	10/2/2018	\$2,830	\$2,830	
12/19/1968	M	2/16/2017	Terminated	2/1/2018	\$2,430	\$2,430	
1/9/1980	M	11/24/2016	Approved		\$2,057	\$3,292	\$250,921
12/23/1958	M	11/15/2015	Approved		\$347	\$3,467	\$26,952
5/5/1956	M	6/8/2015	Pending		\$568	\$1,993	
7/7/1976	M	9/27/2014	Terminated	11/12/2017	\$3,134	\$3,134	
12/22/1973	M	9/13/2014	Approved		\$1,028	\$1,344	\$96,083
9/25/1953	M	9/7/2014	Approved		\$170	\$1,700	\$2,708
5/2/1959	F	10/9/2013	Terminated	4/7/2016	\$212	\$1,553	
8/29/1961	M	3/26/2013	Terminated	4/7/2016	\$231	\$1,091	
9/8/1960	M	2/11/2013	Approved		\$192	\$1,915	\$18,974
2/9/1950	M	12/21/2012	Terminated	10/28/2013	\$1,278	\$1,278	
12/5/1963	M	11/15/2012	Approved		\$144	\$1,437	\$14,912
8/29/1960	F	7/24/2012	Terminated	5/13/2015	\$223	\$1,397	
12/16/1964	F	4/4/2012	Terminated	12/6/2016	\$2,572	\$2,572	
9/22/1981	M	3/16/2012	Terminated	4/1/2014	\$100	\$892	
5/3/1950	M	2/14/2012	Terminated	2/12/2013	\$121	\$1,211	
12/16/1965	M	10/26/2011	Approved		\$137	\$1,372	\$19,364
10/23/1964	M	9/3/2011	Terminated	10/25/2016	\$115	\$1,146	
1/9/1956	M	6/25/2011	Terminated	4/1/2014	\$120	\$1,196	
1/6/1947	F	5/20/2011	Terminated	5/16/2014	\$487	\$1,274	
12/15/1964	M	10/21/2009	Terminated	4/19/2012	\$128	\$1,284	
9/1/1950	M	8/10/2009	Terminated	11/17/2010	\$2,378	\$2,378	
4/19/1954	F	2/12/2009	Terminated	9/3/2009	\$841	\$841	
10/11/1963	F	7/26/2008	Approved		\$232	\$1,666	\$27,911
7/24/1966	M	3/29/2008	Terminated	9/25/2010	\$100	\$989	
5/28/1951	F	12/22/2007	Terminated	5/28/2017	\$483	\$799	
7/12/1974	M	5/29/2006	Terminated	8/1/2007	\$1,050	\$1,050	
11/18/1964	M	11/11/2005	Terminated	7/8/2006	\$193	\$1,931	
11/9/1951	M	1/19/2005	Terminated	4/15/2012	\$106	\$1,060	
1/19/1944	M	8/14/2003	Terminated	7/27/2005	\$919	\$919	
1/22/1952	M	10/2/2002	Terminated	7/12/2004	\$1,920	\$1,920	

Note: NMB above may not necessarily be the amount currently paid to the claimant. The NMB reflects anticipated offsets to derive the reserve value.