

Exhibit O – Part 1

History of Annuities Employee Annuitants (Male and Female)

Year End	Number of Annuitants	Total Annuities	Average Annuities
1995	5,510	\$ 148,748,836	\$ 26,996
1996	5,714	162,343,898	28,412
1997	5,945	177,557,655	29,867
1998	6,241	197,728,489	31,682
1999	6,520	216,593,933	33,220
2000	6,876	239,833,436	34,880
2001	7,192	261,991,891	36,428
2002	7,392	282,368,164	38,199
2003	7,498	292,407,321	38,998
2004	7,815	327,560,253	41,914
2005	8,026	352,579,199	43,930
2006	8,083	369,228,619	45,680
2007	8,155	386,485,701	47,392
2008	8,210	404,254,060	49,239
2009	8,227	417,924,766	50,799
2010	8,495	450,742,884	53,060
2011	8,763	482,875,300	55,104
2012	9,035	514,053,838	56,896
2013	9,194	538,368,228	58,556
2014	9,311	559,689,145	60,111
2015	9,385	579,069,731	61,702
2016	9,603	608,646,498	63,381
2017	9,899	649,527,055	65,615
2018	9,930	669,615,380	67,434
2019	10,078	692,826,321	68,746
2020	10,283	732,172,481	71,202
2021	10,601	773,262,816	72,942
2022	10,952	820,921,933	74,956
2023	11,101	853,191,495	76,857
2024	11,155	881,457,805	79,019

Exhibit O – Part II

History of Annuities Spouse Annuitants (Not Including Compensation Widows)

Year End	Number of Annuitants	Total Annuities	Average Annuities
1995	3,133	\$ 28,792,959	\$ 9,190
1996	3,120	30,778,518	9,865
1997	3,104	31,492,268	10,146
1998	3,093	32,285,743	10,438
1999	3,118	36,134,606	11,589
2000	3,107	37,022,962	11,916
2001	3,114	38,316,493	12,305
2002	3,092	40,086,748	12,965
2003	3,083	39,924,324	12,950
2004	3,133	44,609,535	14,239
2005	3,107	47,658,776	15,339
2006	3,093	49,187,928	15,903
2007	3,137	51,646,225	16,464
2008	3,148	53,489,665	16,992
2009	3,111	53,381,986	17,159
2010	3,079	53,621,501	17,415
2011	3,091	55,323,666	17,898
2012	3,122	57,650,477	18,466
2013	3,130	59,360,519	18,965
2014	3,109	60,248,462	19,379
2015	3,078	61,439,136	19,961
2016	3,102	63,731,123	20,545
2017	3,059	67,469,456	22,056
2018	3,054	69,740,449	22,836
2019	3,070	72,798,906	23,713
2020	3,025	73,811,776	24,401
2021	3,063	77,483,784	25,297
2022	3,088	81,684,130	26,452
2023	3,069	87,539,636	28,524
2024	3,049	90,622,903	29,722

Exhibit P

Counts of Retirees and Beneficiaries with Healthcare Coverage Subsidies

Year End	Employee	Spouse ¹	Total
2010	7,878	2,240	10,118
2011	8,111	2,257	10,368
2012	8,458	2,280	10,738
2013	8,539	2,270	10,809
2014	8,450	2,226	10,676
2015	8,278	2,127	10,405
2016	8,189	2,079	10,268
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020 ²	4,328	0	4,328
2021 ²	4,499	0	4,499
2022 ²	4,739	0	4,739
2023 ²	4,921	0	4,921
2024 ²	5,112	0	5,112

¹ Includes children.

² Pursuant to the court order *Underwood, et al., v. City of Chicago, et al.*, PABF provides retiree health insurance premium subsidies to certain eligible annuitants.

Exhibit Q

Schedule of Retired Members by Types of Benefit and Monthly Benefit Levels

Monthly Benefit	Retirement		Disability		Widow ¹		Child		Totals	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Under \$100	1								1	0
\$100 to Under \$250	5	2					68	65	73	67
\$250 to Under \$500	15	8					14	8	29	16
\$500 to Under \$750	20	3					33	27	53	30
\$750 to Under \$1,000	12	5					33	30	45	35
\$1,000 to Under \$2,000	42	46			33	1,212	15	8	90	1,266
\$2,000 to Under \$3,000	32	9			45	1,121			77	1,130
\$3,000 to Under \$4,000	220	56	1		16	505			237	561
\$4,000 to Under \$5,000	919	440	15	12		105			934	557
\$5,000 to Under \$6,000	1,572	534	37	20	4	37			1,613	591
\$6,000 to Under \$7,000	2,072	490	82	26		15			2,154	531
\$7,000 to Under \$8,000	2,389	537	16	7	2	14			2,407	558
\$8,000 to Under \$9,000	907	160	3			4			910	164
\$9,000 to Under \$10,000	291	42	3	1					294	43
\$10,000 and over	282	44				2			282	46
Totals:	8,779	2,376	157	66	100	3,015	163	138	9,199	5,595

¹ Includes reversionary.

Exhibit R

Schedule of Average Benefit Payments for New Annuities Granted during Year

Years of Service:	0-9	10-14	15-19	20-24	25-29	30-34	>= 35	Total
Number of Retired Members	0	7	14	105	184	42	11	363
2015 Average annual salary used	\$0	\$34,263	\$85,670	\$90,037	\$100,124	\$104,876	\$102,529	\$96,001
Average Monthly Benefit	\$0	\$951	\$3,334	\$4,271	\$6,005	\$6,555	\$6,408	\$5,379
Number of Retired Members ¹	1	5	14	124	257	80	12	493
2016 Average annual salary used	\$50,400	\$23,820	\$78,131	\$91,293	\$101,855	\$108,887	\$109,058	\$98,945
Average Monthly Benefit	\$1,050	\$622	\$2,966	\$4,292	\$6,123	\$6,805	\$6,816	\$5,634
Number of Retired Members	1	2	21	166	258	118	15	581
2017 Average annual salary used	\$94,501	\$19,905	\$74,798	\$93,477	\$98,445	\$103,641	\$104,267	\$97,099
Average Monthly Benefit	\$5,709	\$630	\$2,904	\$4,456	\$5,735	\$6,478	\$6,517	\$5,421
Number of Retired Members ²	0	1	15	105	112	95	11	339
2018 Average annual salary used	\$0	\$96,236	\$85,713	\$95,577	\$100,721	\$111,692	\$130,922	\$102,505
Average Monthly Benefit	\$0	\$2,606	\$3,301	\$4,569	\$5,901	\$6,981	\$8,183	\$5,740
Number of Retired Members ³	1	5	14	133	204	117	7	481
2019 Average annual salary used	\$29,649	\$27,298	\$72,912	\$95,939	\$104,238	\$113,077	\$122,510	\$102,493
Average Monthly Benefit	\$618	\$771	\$2,935	\$4,632	\$6,181	\$7,067	\$7,657	\$5,828
Number of Retired Members ⁴	0	1	5	126	279	134	8	553
2020 Average annual salary used	\$0	\$15,558	\$60,593	\$96,945	\$106,449	\$117,718	\$125,965	\$106,718
Average Monthly Benefit	\$0	\$357	\$2,361	\$4,572	\$6,270	\$7,357	\$7,873	\$6,124
Number of Retired Members ⁵	0	0	6	187	364	102	8	667
2021 Average annual salary used	\$0	\$0	\$54,123	\$99,691	\$107,104	\$112,400	\$113,858	\$105,440
Average Monthly Benefit	\$0	\$0	\$2,182	\$4,737	\$6,341	\$7,025	\$7,116	\$5,968
Number of Retired Members ⁶	1	0	9	203	319	152	17	701
2022 Average annual salary used	\$135,900	\$0	\$37,893	\$105,479	\$112,317	\$118,827	\$116,853	\$110,936
Average Monthly Benefit	\$1,416	\$0	\$1,372	\$5,082	\$6,582	\$7,427	\$7,303	\$6,274
Number of Retired Members ⁷	3	2	113	251	82	7	0	458
2023 Average annual salary used	\$26,565	\$33,332	\$107,487	\$116,947	\$120,022	\$125,641	\$0	\$114,339
Average Monthly Benefit	\$800	\$1,111	\$5,208	\$6,977	\$7,501	\$7,853	\$0	\$6,582
Number of Retired Members	2	5	85	241	97	3	0	433
2024 Average annual salary used	\$30,333	\$50,985	\$108,617	\$121,215	\$125,314	\$137,725	\$0	\$118,544
Average Monthly Benefit	\$917	\$1,897	\$5,122	\$7,290	\$7,832	\$8,608	\$0	\$6,903

¹Excludes data correction for one retiree previously valued as deceased.

²Excludes four retirees whose annuities were reinstated after previously being classified as suspended.

³Excludes one retiree whose annuity was reinstated after previously being suspended.

⁴Excludes five retirees whose annuities were reinstated after previously being classified as suspended.

⁵Excludes three retirees whose annuities were reinstated after previously being classified as suspended.

⁶Excludes nine retirees whose annuities were reinstated after previously being classified as suspended.

⁷Excludes one retiree whose annuity was reinstated after previously being classified as suspended.



Exhibit S

History of Retirees and Beneficiaries Added to and Removed from Benefit Payroll

Yr.	Added		Removed		End of Year		Average Annual Benefits	Increase to Avg. Benefits
	No.	Annual Benefits.	No.	Annual Benefits	No.	Annual Benefits		
Employee Annuitants (Male and Female)								
2015	363	\$ 34,830,781	289	\$ 15,450,195	9,385	\$ 579,069,731	\$ 61,702	2.6%
2016	494	44,891,597	276	15,314,830	9,603	608,646,498	63,381	2.7%
2017	581	56,599,441	285	15,718,884	9,899	649,527,055	65,615	3.5%
2018	343	37,905,119	312	17,816,794	9,930	669,615,380	67,434	2.8%
2019	482	43,818,101	334	20,607,160	10,078	692,826,321	68,746	1.9%
2020	558	61,036,082	353	21,689,922	10,283	732,172,481	71,202	3.6%
2021	670	64,044,843	352	22,954,508	10,601	773,262,816	72,942	2.4%
2022	710	71,533,136	359	23,874,019	10,952	820,921,933	74,956	2.8%
2023	459	53,674,187	310	21,404,625	11,101	853,191,495	76,857	2.5%
2024	433	55,566,676	379	27,300,366	11,155	881,457,805	79,019	2.8%
Widow/Widower Annuitants (Not Including Compensation) ¹								
2015	147	\$ 4,022,206	178	\$ 2,831,532	3,078	\$ 61,439,136	\$ 19,961	3.0%
2016	140	4,231,504	116	1,939,517	3,102	63,731,123	20,545	2.9%
2017	158	7,074,268	201	3,335,935	3,059	67,469,456	22,056	7.4%
2018	179	5,804,968	184	3,533,975	3,054	69,740,449	22,836	3.5%
2019	185	6,443,233	169	3,384,776	3,070	72,798,906	23,713	3.8%
2020	143	4,885,497	188	3,872,627	3,025	73,811,776	24,401	2.9%
2021	216	7,479,141	178	3,807,133	3,063	77,483,784	25,297	3.7%
2022	234	8,895,028	209	4,694,682	3,088	81,684,130	26,452	4.6%
2023	132	9,425,218	151	3,569,712	3,069	87,539,636	28,524	7.8%
2024	195	8,563,123	215	5,479,856	3,049	90,622,903	29,722	4.2%

¹ Not including Compensation Annuitants.

Amounts shown are based on benefits in effect in that calendar year and have not been adjusted due to updated contracts and/or retroactive pay.



Exhibit T

History of Retirees and Beneficiaries

Total Retirees and Beneficiaries

Year	Annuitants and Beneficiaries Beginning Year	Additions During Year	Terminations During Year	Annuitants and Beneficiaries Year-End	Average Annuitants and Beneficiaries ¹
2015	13,230	588	608	13,210	13,220
2016	13,210	697	513	13,394	13,302
2017	13,394	806	572	13,628	13,511
2018	13,628	585	582	13,631	13,630
2019	13,631	735	595	13,771	13,701
2020	13,771	746	617	13,900	13,836
2021	13,900	952	592	14,260	14,080
2022	14,260	1,030	651	14,639	14,450
2023	14,639	655	532	14,762	14,701
2024	14,762	698	666	14,794	14,778

¹ Average number of annuitants and beneficiaries at beginning and end of year.

APPENDIX 4

ACTUARIAL METHODS AND ASSUMPTIONS AS OF DECEMBER 31, 2024

Actuarial Methods and Assumptions as of December 31, 2024

I. Actuarial Cost Method

An Actuarial Cost Method is a set of techniques used by the actuary to develop contribution levels under a retirement plan. The Actuarial Cost Method used in this valuation for statutory funding and State reporting purposes and GASB accounting purposes is the Entry-Age Normal actuarial cost method.

Under the Entry-Age Normal Cost Method, each participant's projected benefit is allocated on a level percent of pay basis from entry age to assumed exit age. The Actuarial Accrued Liability is the portion of the present value associated with pay prior to the valuation date. The Normal Cost is the portion of the present value associated with pay during the current plan year.

To the extent that current assets and future Normal Costs do not support participants' expected future benefits, an Unfunded Actuarial Accrued Liability ("UAAL") develops. The UAAL is generally amortized over a fixed period of time (e.g., 25 years) from the date incurred. The total contribution developed under this method is the sum of the Normal Cost and the payment toward the UAAL.

II. Current Actuarial Assumptions

The current actuarial assumptions are based on an experience study for the period January 1, 2019 to December 31, 2023, adopted by the Board on February 24, 2025, and became effective December 31, 2024.

Demographic Assumptions

Post-Retirement Mortality

Scaling factors of 119 percent for males, and 102 percent for females of the Pub-2010 Amount-weighted Safety Healthy Retiree Mortality Tables, sex distinct, set forward one-year for males, with generational mortality improvement using MP-2021 2-dimensional mortality improvement scales recently released by the SOA. This assumption provides a margin for mortality improvements.

Disabled Mortality

Scaling factors of 129 percent for males, and 112 percent for females of the Pub-2010 Amount-weighted Safety Healthy Retiree Mortality Tables, sex distinct, set forward one-year for males, with generational mortality improvement using MP-2021 2-dimensional mortality improvement scales recently released by the SOA. This assumption provides a margin for mortality improvements.

Pre-Retirement Mortality

Scaling factors of 100 percent for males, and 100 percent for females of the Pub-2010 Amount-weighted Safety Employee Mortality Tables, sex distinct, with generational mortality improvement using MP-2021 2-dimensional mortality improvement scales recently released by the SOA. This assumption provides a margin for mortality improvements.

We use what is termed "the limited fluctuation credibility procedure" to determine the appropriate scaling factor of the base mortality tables for each gender and each member classification. We used a



Actuarial Methods and Assumptions as of December 31, 2024

liability weighted basis. In each case, the partial credibility factor (or “Z-factor”) is computed based on the experience of the specific group being studied. This Z-factor is a measure of the credibility of the pertinent group.

The Best Fit is the ratio of actual to expected deaths using the base table. The final scale is then determined as the weighted average of the Best Fit and 100 percent based on the Z-factor. For example, the Z-factor for male retirees is 97 percent, suggesting that the data for this group is 97 percent credible (there were not enough deaths among active members to be completely credible). The Best Fit for this group would be to scale the base tables by 119 percent. The final scale of 119 percent is the credibility-weighted average ($119\% = 97\% \times 119\% + 3\% \times 100\%$). Factors for females are determined similarly.

Age	Future Life Expectancy (years) in 2024		Future Life Expectancy (years) in 2035	
	Postretirement		Postretirement	
	Male	Female	Male	Female
35	48.65	53.25	49.70	54.17
40	43.40	47.98	44.44	48.89
45	38.24	42.72	39.26	43.64
50	33.15	37.51	34.14	38.42
55	28.16	32.40	29.11	33.30
60	23.35	27.49	24.27	28.36
65	18.88	22.84	19.71	23.63
70	14.78	18.45	15.48	19.14
75	11.09	14.38	11.65	14.97

Actuarial Methods and Assumptions as of December 31, 2024

Rate of Retirement:

The table below shows the assumed rates of retirement.

Attained Age	Under 29 Years of Service		29 or More Years of Service	
	Tier 1	Tier 2	Tier 1	Tier 2
50	0.0550	0.0200	0.0825	0.0200
51	0.0550	0.0200	0.0825	0.0200
52	0.0550	0.0200	0.0825	0.0200
53	0.0550	0.0200	0.0825	0.0200
54	0.0550	0.0300	0.0825	0.0300
55	0.2200	0.2400	0.3300	0.3600
56	0.2500	0.2700	0.3750	0.4050
57	0.2000	0.2200	0.3000	0.3300
58	0.2000	0.2200	0.2500	0.2750
59	0.1900	0.2100	0.2375	0.2625
60	0.2200	0.2400	0.2750	0.3000
61	0.2800	0.3000	0.3500	0.3750
62	0.2800	0.3000	0.3500	0.3750
63	0.7500	0.7500	0.7500	0.7500
64	0.7500	0.7500	0.7500	0.7500
65+	1.0000	1.0000	1.0000	1.0000

Rate of Termination:

The table below shows the assumed rates of termination.

Years of Service	Rate
0	0.039
1	0.027
2	0.025
3	0.024
4	0.023
5	0.021
6	0.020
7	0.019
8	0.018
9	0.017
10	0.015
11	0.010
12	0.009
13	0.008
14 +	0.007

Actuarial Methods and Assumptions as of December 31, 2024

Rate of Disability: The rate at which members are assumed to become disabled under the provisions of the Fund. The rates assumed are as follows:

<u>Attained Age</u>	<u>Rates</u>
20-24	0.0002
25-29	0.0004
30-34	0.0006
35-39	0.0013
40-44	0.0021
45-49	0.0029
50-54	0.0030
55-59	0.0030
60-64	0.0030

Of the participants who become disabled in the future, the following distribution of disability types is assumed:

Duty Disability:	40%
Occupational Disease Disability:	10%
Ordinary Disability:	50%

Economic Assumptions

Investment Return: 6.75 percent per year, compounded annually, net of investment expenses. The 6.75 percent assumption is composed of a 2.25 percent inflation assumption and a 4.50 percent real rate of return assumption.

General Inflation: 2.25 percent per year, compounded annually.

This assumption serves as the basis for the determination of annual increases in pension and the pensionable salary cap for Tier 2 members.

Wage Inflation and Payroll Growth: 3.50 percent per year, compounded annually.

Actuarial Methods and Assumptions as of December 31, 2024

Future Salary Increases: The assumed base rate of individual salary increase is 3.50 percent per year (underlying wage inflation assumption), plus an additional percentage based on the following service scale:

Years of Service*	Base Rates	Wage Inflation	Total Rates
0	0.00%	3.50%	3.50%
1	41.50%	3.50%	45.00%
2	5.00%	3.50%	8.50%
3	4.50%	3.50%	8.00%
4	4.50%	3.50%	8.00%
5	4.50%	3.50%	8.00%
6-9	1.00%	3.50%	4.50%
10	4.50%	3.50%	8.00%
11-14	1.00%	3.50%	4.50%
15	4.50%	3.50%	8.00%
16-19	1.00%	3.50%	4.50%
20	4.50%	3.50%	8.00%
21-24	1.50%	3.50%	5.00%
25	2.50%	3.50%	6.00%
26	1.00%	3.50%	4.50%
27-29	0.50%	3.50%	4.00%
30	2.50%	3.50%	6.00%
31-34	0.50%	3.50%	4.00%
35+	0.00%	3.50%	3.50%

** Includes increases at 12 and 18 months of service.*

Increases above are not applied to the Duty Availability Pay (DAP). DAP is assumed to increase annually using the general inflation assumption of 2.25 percent.

Asset Value: The Actuarial Value of Assets is smoothed by using a five-year phase-in of each year's unexpected investment gains and losses.

Expenses: Statutory funding projections include an explicit administrative expense assumption of \$4,625,871 for plan year end December 31, 2024, increased by 2.25 percent per year.

Projection Assumptions

Active Population: Active members who terminate, retire, become disabled, or die during the year are replaced by new entrants such that the number of active members remains level during the projection period based on the most



Actuarial Methods and Assumptions as of December 31, 2024

recent actuarial valuation. The number of active members as of the valuation at December 31, 2024 is 11,769.

New Entrant Profile:

The entry age of future new entrants, which is summarized below, is based on the profile of current active members hired over the last five years with one or more years of service as of December 31, 2024. These members were hired from January 1, 2020 through December 31, 2023.

Entry Age	Number
Under 20	0
20 to 25	583
25 to 30	655
30 to 35	408
35 to 40	213
40 to 55	2

Approximately 68% of the new entrants are assumed to be male.

New Entrant Pay:

Based on the most recent employment contract, new entrants were assumed to earn \$58,842 for the plan year ending December 31, 2024, and \$61,782 for the plan year ending December 31, 2025. This amount does not include duty availability pay. The new entrant pay for members hired after 2024 is assumed to increase by the wage inflation assumption of 3.50% plus duty availability pay after two years, increased by CPI compounded.

New Entrant Pay Increases:

Pay for a specific new entrant is assumed to increase in the future by the wage inflation and the service based increases disclosed in this actuarial valuation.

The projections assume a pay cap of \$127,283.01 for plan year 2025, increasing by 1.125% per year after plan year 2025. The annual increase of 1.125% per year is based on 50% of the CPI-U increase which is assumed to be 2.25% per year.

Other Assumptions

Marital Status:

It is assumed that 75% of active members have an eligible spouse. The male spouse is assumed to be three years older than the female spouse. No assumption is made about other dependents.

Reciprocal Service:

No assumption for reciprocal service.

Benefit Service:

Exact fractional years of service are used to determine the amount of benefit payable.



Actuarial Methods and Assumptions as of December 31, 2024

Decrement Timing:	All decrements are assumed to occur mid-year.
Decrement Relativity:	Decrement rates are used directly from the experience study, without adjustment for multiple decrement table effects.
Decrement Operation:	Turnover decrements do not operate after member reaches retirement eligibility for a minimum annuity formula benefit.
Eligibility Testing:	Eligibility for benefits is determined based upon the age nearest birthday and service on the date the decrement is assumed to occur.
Pay Increase Timing:	Beginning of the (fiscal) year.
Tax Levy Loss:	No tax levy loss is assumed
Health Insurance Premium Subsidies:	Current recipients of the \$55 per month for non-Medicare and \$21 per month for Medicare health insurance premium subsidy were identified in the data provided by the PABF staff. The subsidies for current recipients are assumed to continue during the recipient's lifetime. The valuation assumes 65 percent of future retirees (i.e., current actives) eligible for the subsidy will receive it in the future.

APPENDIX 5

SUMMARY OF PROVISIONS OF THE FUND AS OF DECEMBER 31, 2024

Summary of Principal Eligibility and Benefit Provisions

As of December 31, 2024

PARTICIPANTS

An employee in the police department of the City of Chicago appointed and sworn or designated by law as a peace officer with the title of policeman, policewoman, chief surgeon, police surgeon, police dog catcher, police kennelman, police matron, and members of the police force of the police department.

SERVICE

In computing service rendered by a police officer, the following periods shall be counted, in addition to all periods during which he performed the duties of his position, as periods of service for annuity purposes only: All periods of (a) vacation; (b) leave of absence with pay; (c) military service; (d) disability for which the police officer receives disability benefit. The calculation of service is based on a day-to-day basis for most purposes. For the purpose of calculating benefits under the Dominant Formula, one year of Service is credited for a year in any portion of which a police officer is compensated.

RETIREMENT

Eligibility

Attainment of age 50 with at least 10 years of service.

For participants who first became members on or after January 1, 2011, attainment of age 55 with at least 10 years of service. Participants may retire at attainment of age 50 with 10 years of service with a reduced benefit.

Mandatory

Effective in plan year 2003, retirement is mandatory for a participant who has attained age 65.

Accumulation Annuity

At age 50 or more, with 10 or more years of service, the employee is entitled to an annuity based on the sums accumulated for age and service annuity plus 1/10 of the sum accumulated from the contributions by the City for the age and service annuity for each completed year of service after the first 10 years. At age 50 or more with 20 or more years, the employee is entitled to an annuity based on all sums accumulated.

Formula Minimum Annuity

While there are several alternative formulas available with 20 or more years of service, the Dominant Formula is 50% of highest average salary (including duty availability pay) in 48 consecutive months within the last 10 years of service plus 2.5% for each year or fraction of service over 20 years, limited to 75% of average salary.



Summary of Principal Eligibility and Benefit Provisions As of December 31, 2024

Mandatory Retirement Minimum Annuity

A police officer who is required to withdraw from service due to attainment of mandatory retirement age who has less than 20 years of service credit may elect to receive an annuity equal to 30% of average salary for the first 10 years of service, plus 2% of average salary for each completed year of service in excess of 10, to a maximum of 48% of average salary. This benefit qualifies for post-retirement increases.

Post-Retirement Increase

A retiree with at least 20 years of service or receiving a mandatory retirement minimum annuity, receives an increase of 3% of the original annuity, starting on the first of the month following the first anniversary of his retirement or the first of the month following attainment of age 55, whichever is later, and shall not be subject to a maximum increase.

For participants who first became members on or after January 1, 2011, increases are equal to the lesser of 3.00% and 50% of CPI-U of the original benefit, commencing at age 60.

Summary of Principal Eligibility and Benefit Provisions

As of December 31, 2024

Minimum Annuity

Beginning with the monthly annuity payment due on January 1, 2016, the fixed and granted monthly annuity payment for any policeman who retired from the service before January 1, 2016, at age 50 or over with 20 or more years of service, and for any policeman who retired from service due to termination of disability and who is entitled to an annuity on January 1, 2016, shall be no less than 125% of the Federal Poverty Level.

For participants who first became members on or after January 1, 2011, the member is entitled to an annuity based on an accrual rate of 2.5% of the final average salary for each fraction of service. Maximum is 75% of the final average salary. Final average salary is calculated using salary from the eight highest consecutive years within the last 10 years of service prior to retirement. Pensionable salary is limited to \$106,800 in 2011, increased by the lesser of 3% and one-half of the annual unadjusted percentage increase in the Consumer Price Index-U (but not less than zero) as measured in the preceding 12- month period ending with the September preceding the November 1, which is the date that the new amount will be calculated and made available to the pension funds.

For participants who first became members on or after January 1, 2011, who retire after age 50 but before age 55 is attained, the member is entitled to an annuity based on an accrual rate of 2.5% of the final average salary for each fraction of service, reduced by one half of one percent per month for retirement prior to age 55, subject to a maximum benefit of 75%.

Reversionary Annuity

A member, prior to retirement, may elect to reduce his own annuity, and provide a reversionary annuity, to begin upon the officer's death, for the officer's spouse.

SURVIVOR INCOME BENEFITS PAYABLE ON DEATH

Death in Service (Non-Duty):

Generally, a money-purchase benefit is provided, based on total salary deductions and City contributions. However, if a policeman dies in service after December 31, 1985, with at least 1.5 years of service, the widow's annuity is the greater of (a) 30% of the annual maximum salary attached to the classified civil service position of a first class patrolman at the time of his death (without dollar limit) or (b) 50% of the benefit accrued by the policeman at date of death.

The lifetime benefit is payable until death.



Summary of Principal Eligibility and Benefit Provisions

As of December 31, 2024

Death in Service (Duty Related)

Compensation Annuity 75% of the member's salary attached to the civil service position that would ordinarily have been paid to such member as though in active discharge of his duties at the time of death payable until the date the policeman would have attained age 65.

Supplemental Annuity Payable for life and is equal to the difference between the money purchase annuity for the spouse and an amount equal to 75% of the annual salary (including all salary increases and longevity raises) the police officer would have been receiving when he attained age 65 if the police officer had continued in service at the same rank last held in the department.

Death after Retirement If a police officer retires on or after January 1, 1986, and subsequently dies, the widow's annuity is 40% before 1988 and 50% on and after January 1, 1988, of the retired policeman's annuity at the time of death (without dollar limit).

Maximum Annuity \$500 a month (after discount for age difference) under both the accumulation method and the old formula method. There is no dollar limit on the 30%, 40%, or 50% benefit.

Minimum Annuity The minimum widow's annuity shall be no less than 150% of the Federal Poverty Level.

For participants who first became members on or after January 1, 2011, widow benefits are equal to 66-2/3% of the officer's earned annuity at the date of death. Automatic increases to the annuity are equal to the lesser of 3.00% and 50% of CPI-U, commencing when the survivor reaches age 60, and applied to the original granted retirement annuity.

CHILDREN'S ANNUITIES

Eligibility Payable at death of the policeman to all unmarried children less than 18 years of age.

Benefit 10% of the annual maximum salary of a first class patrolman during widow (widower) life, 15% otherwise.



Summary of Principal Eligibility and Benefit Provisions As of December 31, 2024

<i>Payable Until</i>	Age 18. If the child is disabled, benefit is payable for life or as long as such disablement exists.
<i>Family Maximum</i>	60% (non-duty death) or 100% (duty death) of the salary that would ordinarily been paid to the policeman, if he had been in the active discharge of his duties.
<i>Parent's Annuities Eligibility</i>	Payable to a dependent parent at the death of a policeman who is in either active service, or receiving a disability benefit, or on leave of absence, or in receipt of an annuity granted after 20 years of service, or waiting to start receiving an annuity granted for 20 years of service. The benefit is only payable if there are no surviving spouses or children eligible for benefits.
<i>Benefit</i>	18% of the current salary attached to the rank at separation from service.
<i>Payable until</i>	Death of the dependent parent.

DUTY DISABILITY BENEFIT

<i>Eligibility</i>	Disabling condition incurred in the performance of duty.
<i>Benefit</i>	75% of salary at the time the disability is allowed plus \$100.00 per month for each unmarried child less than age 18, (total amount of child's benefits shall not exceed 25% of salary). Beginning January 1, 2000, after seven years of payment, the benefit shall not be less than 60% of the current salary attached to the rank held by the policemen at the time of disability. Payable to employee's age 65 or by operation of law, whichever is later. Salary deductions are contributed by the City.

OCCUPATIONAL DISEASE DISABILITY BENEFIT

<i>Eligibility</i>	Heart attack or any disability heart disease after 10 years of service.
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Summary of Principal Eligibility and Benefit Provisions

As of December 31, 2024

Benefit

65% of salary attached to the rank held by the police officer at the time of his or her removal from the police department payroll with a minimum after 10 years of 50% of the current salary attached to the rank. Each natural or legally adopted unmarried child of the officer under the age of 18 is entitled to a benefit of \$100 per month. This benefit is not terminated at age 18 if the child is then dependent by reason of physical or mental disability. Salary deductions are contributed by the City.

ORDINARY DISABILITY BENEFIT

Eligibility

Disabling condition other than duty or occupational related.

Benefit

50% of salary at the time of injury, payable for a period not more than 25% of service (excluding any previous disability time) rendered prior to injury, nor more than five years. Disability shall cease at age 65. Salary deductions are contributed by the City.

DEATH BENEFIT

Eligibility

Payable upon the death of a police officer whose death occurs while in active service; on authorized leave of absence; within 60 days of receipt of salary; while receiving duty or ordinary disability benefit; occurring within 60 days of termination of such benefit; or occurring on retirement while in receipt of annuity and separation was effective after 20 years of service. This benefit is payable to beneficiaries or, if none, to estate.

Benefit

Death in Service:

AGE AT DEATH	BENEFIT
49 and under	\$12,000
50-62	\$12,000 less \$400 for each year by which age at death exceeds 49

Death after Retirement:

AGE AT DEATH	BENEFIT
50 and over	\$6,000

If death results from injury incurred in performance of duty before retirement on annuity, the benefit payable is \$12,000 regardless of the attained age.

Summary of Principal Eligibility and Benefit Provisions

As of December 31, 2024

REFUNDS

Policemen	Without regard to service and under age 50, or with less than 10 years of service and under age 57 at withdrawal: a refund of all salary deductions together with 1.5% simple interest until the date of withdrawal.
For Spouse's Annuity	Upon retirement, an unmarried policeman will receive a refund of contributions for spouse's annuity, accumulated at 3% compounded annually.
Of Remaining Amounts	If at death of a retired policeman the total member contributions paid while active exceed the total retirement benefits paid to date of death, the difference is payable.

CONTRIBUTIONS

Salary Deductions	Employee	7 %	
	Spouse	1½%	
	Annuity Increase	½%	
		9 %	
City Contributions ¹	Employee	9-5/7%	
	Spouse	2%	
	Annuity Increase	½%	Unallocated
		12-3/14%	

¹ Credited to Participant's Accumulation Annuity and Widow's Annuity Account

In addition to the above contributions, a contribution is made to support the Death Benefit. Policemen contribute \$2.50 per month. City contributes a total of \$224,000 for all policemen.

Prior to 2015, the total City contribution was generated by a tax equal to double the contributions by the policemen to the Fund two years prior to the year of the tax levy.

Under P.A. 99-0506, City contributions are equal to \$420 million in payment year 2016, \$464 million in payment year 2017, \$500 million in payment year 2018, \$557 million in payment year 2019, and \$579 million in payment year 2020. For payment years after 2020, the City is required to make level percent of pay contributions for plan years 2020 through 2055 which, along with member contributions and investment earnings, are expected to generate a projected funded ratio of 90% by plan year end 2055.



Summary of Principal Eligibility and Benefit Provisions As of December 31, 2024

"PICK UP" OF EMPLOYEE SALARY DEDUCTIONS

Beginning January 1, 1982, the employee contributions were "picked up" by the employer. The W-2 salary is therefore reduced by the amount of contribution. For pension purposes, the salary remains unchanged. Income tax will be paid when a refund or annuity is received. For the purpose of benefits, refunds, or contributions, these contributions will be treated as employee contributions.

SALARY CAP AND COLA DEVELOPMENT FOR MEMBERS HIRED ON OR AFTER JANUARY 1, 2011

Year Ending	CPI-U	½ CPI-U	COLA	Maximum Annual Pensionable Earnings
2011			3.00%	\$106,800.00
2012	3.90%	1.95%	1.95%	\$108,882.60
2013	2.00%	1.00%	1.00%	\$109,971.43
2014	1.20%	0.60%	0.60%	\$110,631.26
2015	1.70%	0.85%	0.85%	\$111,571.63
2016	0.00%	0.00%	0.00%	\$111,571.63
2017	1.50%	0.75%	0.75%	\$112,408.42
2018	2.20%	1.10%	1.10%	\$113,644.91
2019	2.30%	1.15%	1.15%	\$114,951.83
2020	1.70%	0.85%	0.85%	\$115,928.92
2021	1.40%	0.70%	0.70%	\$116,740.42
2022	5.40%	2.70%	2.70%	\$119,892.41
2023	8.20%	4.10%	3.00%	\$123,489.18
2024	3.70%	1.85%	1.85%	\$125,773.73
2025	2.40%	1.20%	1.20%	\$127,283.01

Summary of Principal Eligibility and Benefit Provisions

As of December 31, 2024

Health Insurance Premium Subsidies

Pursuant to the court order *Underwood, et al. v. City of Chicago, et al.*, the PABF provides retiree health insurance premium subsidies to certain eligible annuitants.

To be eligible for the PABF paid subsidy, the annuitant must meet the following eligibility requirements to receive partial reimbursement for healthcare costs:

- 1) Annuitant must have retired on or after August 23, 1989;
- 2) Annuitant must have been hired prior to April 4, 2003; and
- 3) Annuitant must have either:
 - a) Participated in a group healthcare plan for which the Fund offers to deduct health insurance premiums from monthly annuities in accordance with the 1983 and 1985 amendments to the Illinois Pension Code Statutes (currently either the Blue Cross/Blue Shield plans sponsored by the City of Chicago; the Aetna plans sponsored by the Labor Benefits Association; or the United American Insurance Co. plans sponsored by the Chicago Police Sergeants' Association);
 - OR
 - b) For the period between January 1, 2017, and December 31, 2019, participated in any health insurance plan and paid their healthcare insurance premiums themselves, either through an account on which the annuitant is named or an account established for the benefit of the annuitant.

Eligible annuitants are entitled to receive a health insurance premium subsidy payable from the PABF for the lifetime of the employee annuitant in the amount of \$55 per month if the annuitant is not receiving Medicare benefits or \$21 per month if the annuitant is receiving Medicare benefits.

APPENDIX 6

LEGISLATIVE CHANGES 2015 THROUGH 2024

Legislative Changes 2014 through 2024

2015 Session

No legislative changes.

2016 Session

P.A. 99-0506

- Approved and effective May 30, 2016.
- Changes the funding policy.
 - For payment years 2016 through 2020, specifies the amount for the City of Chicago's required annual contribution to the Fund as follows: \$420 million in payment year 2016, \$464 million in payment year 2017, \$500 million in payment year 2018, \$557 million in payment year 2019 and \$579 million in payment year 2020.
 - Beginning in payment year 2021, the City's total required contribution to the Fund shall be an amount that is equal to the normal cost of the fund, plus an amount sufficient to bring the total assets of the fund up to 90% of the total actuarial liabilities of the fund by payment year 2055 (instead of 2040).
- Changes the actuarial cost method to entry age normal.
- Includes provisions for funding from any proceeds received by the City in relation to the operation of a casino within the City.
- Provides a mechanism to enforce funding through a mandamus action.
- Creates a new minimum retirement annuity provision equal to 125% of the federal poverty level for certain persons.

P.A. 99-0905

- Approved and effective November 29, 2016.
- Specifies the manner of calculating the Tier 2 surviving spouse's annuity for Tier 2 policemen who die in service with at least 1 1/2 years of service.
- Specifies the manner of computing duty-death benefits for Tier 2 surviving spouses and provides that Tier 2 duty-death benefits are not payable where the death is the result of an intervening cause.
- Includes provisions for a minimum surviving spouse's annuity equal to 125% of the federal poverty level.
- Increases the Tier 1 automatic annual increase in retirement annuity for persons born after December 31, 1954 but before January 1, 1966.

Legislative Changes 2014 through 2024

- Amends the State Mandates Act to require implementation without reimbursement.

2017 Session

P.A. 100-0334

- Approved and effective August 25, 2017.
- States a person otherwise entitled to a survivor benefit and who has been convicted of a felony in connection with the service rendered by the member, is not eligible for such survivor benefit, if such conviction was after the effective date.
- It further states for participants that first become members after the effective date the change is a condition of employment.

2018 Session

P.A. 100-1148

- Approved and effective December 10, 2018.
- Technical correction related to filing copies of the report as required by Section 3.1 of the General Assembly Organizational Act and with the State Government Report Distribution Center for the General Assembly.

2019 Session

P.A. 100-1173

- Approved and effective June 1, 2019.
- Denied service credit applications for safety or investigative work filed between 1992 and 2008 may be reconsidered by the board.

P.A. 100-0387

- Approved and effective August 16, 2019.
- Adds provisions to felony convictions entered on or after January 1, 2019. Also states that applicants of duty or occupational disease disability retirements who are denied benefits and who challenge and prevail may seek litigation expense recovery.

2020 Session

P.A. 101-0633

- Approved and effective June 5, 2020.
- Includes COVID-19 as a cause of eligibility for ordinary death benefits and certain annuities related to death in the line of duty for a policeman who was exposed to and contracted COVID-19 on or after March 9, 2020 and on or before December 31, 2020.

Legislative Changes 2014 through 2024

2021 Session

P.A. 101-0653

- Approved and effective February 26, 2021.
- Extended the dates for which COVID-19 is included as a cause of eligibility for certain annuities related to death in the line of duty.

P.A. 102-0125

- Approved and effective July 23, 2021.
- Made changes to provisions concerning credit for service while on a leave of absence from the police department and assigned or detailed to perform safety or investigative work.

2022 Session

P.A. 102-0806

- Approved and effective May 13, 2022.
- Offsets disability and death benefits paid by the pension fund by any compensation as temporary total disability, permanent total disability, a lump sum settlement award, or other payment under the Workers' Compensation Act or the Workers' Occupational Diseases Act as a result of the policeman's secondary employment for any injury resulting in disability.
- Provides that the calculation of compensation received by the policeman or beneficiary shall not take into consideration any benefits received under the Line of Duty Compensation Act.

P.A. 102-0884

- Approved and effective May 13, 2022.
- Beginning January 1, 2023, the minimum widow's annuity changed from 125% of the Federal Poverty Level to 150% of the Federal Poverty Level.

2023 Session

P.A. 103-0002

- Approved and effective May 10, 2023.
- Establishes a presumption that a member who became disabled as a result of exposure to and contraction of COVID-19 from March 9, 2020 to June 30, 2021 was injured in the line of duty and is entitled to receive a duty disability benefit; applied retroactively to March 9, 2020. This presumption does not apply if the member was on a leave of absence from his or her employment or otherwise not required to report for duty for a period of 14 or more consecutive days immediately prior to the date of contraction of COVID-19. A member who had previously been denied a duty disability benefit that would otherwise be entitled to a duty disability benefit under the amendatory Act shall be entitled to a retroactive duty disability benefit.

Legislative Changes 2014 through 2024

P.A. 103-0582

- Approved and effective December 8, 2023.
- Grants an annual 3% non-compounded cost-of-living adjustment (COLA) to all Tier 1 Chicago Police retirees who reach age 55 with 20 years of service. Any member born on or after January 1, 1966 and who qualifies for a minimum annuity and has not received an initial increase as of January 1, 2023 is entitled to receive the initial increase on the latest of (1) January 1, 2023, (2) the first anniversary of the date of retirement, or (3) the attainment of age 55.

2024 Session

Municipal Code of Chicago 2-152-410

- Approved and effective December 31, 2023.
- The age of 65 shall be the maximum age for employment of sworn members of the police department, including a sworn member who is transferred or appointed to a supervisory or administrative position.

P.A. 103-0692

- Approved and effective July 19, 2024.
- Extends the end date of the presumption period from June 30, 2021, to January 31, 2022, for disabilities to be considered as injured in the line of duty as a result of exposure and contraction of COVID-19.

APPENDIX 7

GLOSSARY OF TERMS

Glossary of Terms

<i>Actuarial Accrued Liability ("AAL")</i>	The difference between the Actuarial Present Value of Future Benefits, and the Actuarial Present Value of Future Normal Costs.
<i>Actuarial Assumptions</i>	Assumptions about future plan experience that affect costs or liabilities, such as: mortality, withdrawal, disablement, and retirement; future increases in salary; future rates of investment earnings; future investment and administrative expenses; characteristics of members not specified in the data, such as marital status; characteristics of future members; future elections made by members; and other items.
<i>Actuarial Cost Method</i>	A procedure for allocating the Actuarial Present Value of Future Benefits between the Actuarial Present Value of future Normal Costs and the Actuarial Accrued Liability.
<i>Actuarial Equivalent</i>	Of equal Actuarial Present Value, determined as of a given date and based on a given set of Actuarial Assumptions.
<i>Actuarial Present Value ("APV")</i>	The amount of funds required to provide a payment or series of payments in the future. It is determined by discounting the future payments with an assumed interest rate and with the assumed probability each payment will be made.
<i>Actuarial Present Value of Future Benefits ("APVFB")</i>	The Actuarial Present Value of amounts which are expected to be paid at various future times to active members, retired members, beneficiaries receiving benefits and inactive, nonretired members entitled to either a refund or a future retirement benefit. Expressed another way, it is the value that would have to be invested on the valuation date so that the amount invested plus investment earnings would provide sufficient assets to pay all projected benefits and expenses when due.
<i>Actuarial Valuation</i>	The determination, as of a valuation date, of the Normal Cost, Actuarial Accrued Liability, Actuarial Value of Assets, and related Actuarial Present Values for a plan. An Actuarial Valuation for a governmental retirement system typically also includes calculations of items needed for compliance with GASB Statement No. 67, such as the Funded Ratio and the Actuarially Determined Contribution ("ADC").
<i>Actuarial Value of Assets ("AVA")</i>	The value of the assets as of a given date, used by the actuary for valuation purposes. This may be the market or fair value of plan assets or a smoothed value in order to reduce the year-to-year volatility of calculated results, such as the funded ratio or contribution requirement.

Glossary of Terms

<i>Actuarially Determined Contribution ("ADC")</i>	The employer's periodic required contributions, expressed as a dollar amount or a percentage of covered plan compensation. The ADC consists of the Employer Normal Cost and Amortization Payment.
<i>Amortization Method</i>	A method for determining the Amortization Payment. The most common methods used are level dollar and level percentage of payroll. Under the Level Dollar method, the Amortization Payment is one of a stream of payments, all equal, whose Actuarial Present Value is equal to the UAAL. Under the Level Percentage of Pay method, the Amortization payment is one of a stream of increasing payments, whose Actuarial Present Value is equal to the UAAL. Under the Level Percentage of Pay method, the stream of payments increases at the rate at which total covered payroll of all active members is assumed to increase.
<i>Amortization Payment</i>	That portion of the plan contribution or ADC which is designed to pay interest on and to amortize the Unfunded Actuarial Accrued Liability.
<i>Amortization Period</i>	The period used in calculating the Amortization Payment.
<i>Closed Amortization Period</i>	A specific number of years that is reduced by one each year, and declines to zero with the passage of time. For example, if the amortization period is initially set at 25 years, it is 24 years at the end of one year, 23 years at the end of two years, etc.
<i>Employer Normal Cost</i>	The portion of the Normal Cost to be paid by the employer. This is equal to the Normal Cost less expected member contributions.
<i>Equivalent Single Amortization Period</i>	For plans that do not establish separate amortization bases (separate components of the UAAL), this is the same as the Amortization Period. For plans that do establish separate amortization bases, this is the period over which the UAAL would be amortized if all amortization bases were combined upon the current UAAL payment.
<i>Experience Gain/Loss</i>	A measure of the difference between actual experience and that expected based upon a set of Actuarial Assumptions, during the period between two actuarial valuations. To the extent that actual experience differs from that assumed, Unfunded Actuarial Accrued Liabilities emerge, which may be larger or smaller than projected. Gains are due to favorable experience; e.g., the assets earn more than projected, salaries do not increase as fast as assumed, members retire later than assumed, etc. Favorable experience means actual results produce actuarial liabilities not as large as projected by the actuarial assumptions. On the other hand, losses are the result of unfavorable experience; i.e., actual results that produce Unfunded Actuarial Accrued Liabilities which are larger than projected.

Glossary of Terms

<i>Funded Ratio</i>	The ratio of the Actuarial Value of Assets to the Actuarial Accrued Liability.
<i>GASB</i>	Governmental Accounting Standards Board.
<i>GASB Statement No. 67 and GASB Statement No. 68</i>	These are the governmental accounting standards that set the accounting rules for public retirement systems and the employers that sponsor or contribute to them. GASB Statement No. 68, which replaced GASB Statement No. 27 effective with the fiscal year ending June 30, 2015, sets the accounting rules for the employers that sponsor or contribute to public retirement systems. GASB Statement No. 67, which replaced GASB Statement No. 25 effective with fiscal year ending June 30, 2014, sets the rules for the systems themselves.
<i>Normal Cost</i>	The annual cost assigned, under the Actuarial Cost Method, to the current plan year.
<i>Open Amortization Period</i>	An open amortization period is one which is used to determine the Amortization Payment but which does not change over time. In other words, if the initial period is set as 30 years, the same 30-year period is used in determining the Amortization Period each year. In theory, if an Open Amortization Period is used to amortize the Unfunded Actuarial Accrued Liability, the UAAL will never completely disappear, but will become smaller each year, either as a dollar amount or in relation to covered payroll.
<i>Unfunded Actuarial Accrued Liability</i>	The difference between the Actuarial Accrued Liability and Actuarial Value of Assets.
<i>Valuation Date</i>	The date as of which the Actuarial Present Value of Future Benefits are determined. The benefits expected to be paid in the future are discounted to this date.