

FPPA Statewide Hybrid Plan

Defined Benefit Component

Benefit Options

Fire
and
Police
Pension
Association
of Colorado



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As a retired member, you will have a choice of the following benefit options for the payment of your pension.

Normal Option

You receive a full, unreduced pension benefit for life.
Upon your death, no benefits are payable to a beneficiary.

Options 1 through 5 (listed on the following pages)

Instead of receiving the Normal Option for a normal, deferred, early or vested retirement pension, you may select one of the other benefit options discussed on the following pages. Each, under different circumstances, provides benefits to you and to your designated beneficiary.

With each option, your benefits are calculated according to actuarial assumptions adopted by the FPPA Board, which take into account your life expectancy and that of your beneficiary. In other words, the benefits are reduced to extend them over your life and that of your beneficiary. But, benefits are calculated so that, on average, you and your beneficiary will receive benefits during your combined lifetimes, which are equal to that amount you would have received had you elected the Normal Option.

Each of the benefit options (which provide survivor benefits) is discussed on the following pages. The examples given are based on the following member information:

- A member is age 55.
- The designated beneficiary is age 53.
- The member has completed 25 years of credited service.
- The average highest three years' base salary is \$30,000.00 per year.

Please note that all examples given below are presented only to illustrate how the Defined Benefit Component of the Statewide Hybrid Plan is calculated under each option. If any of the individual variables given above were to change, so would the benefits paid under each option.

On the following pages is an explanation of each pension option and a chart to estimate the benefit amount payable to you and your beneficiary.

FPPA Statewide Hybrid Plan

Defined Benefit Component

Benefit Options Option 1 of 5

Option 1 - 100% Survivor Benefits.

Under this option, a reduced normal, deferred, early or vested retirement pension will be paid to you from the effective date of your retirement. Your pension continues for your life. Upon your death, the same reduced pension will be paid to your beneficiary for life.

The chart below can be used to estimate the benefit amount you would receive if you elect Option 1 at retirement.

Option 1 - Factors

Statewide Hybrid Plan - Defined Benefit Component

		Age of Retiree										
		55	56	57	58	59	60	61	62	63	64	65
Age of Beneficiary	45	0.801	0.787	0.773	0.759	0.744	0.728	0.712	0.696	0.680	0.663	0.646
	46	0.806	0.792	0.778	0.764	0.749	0.733	0.718	0.701	0.685	0.668	0.651
	47	0.811	0.797	0.784	0.769	0.754	0.739	0.723	0.707	0.690	0.673	0.656
	48	0.816	0.803	0.789	0.775	0.760	0.744	0.729	0.712	0.696	0.679	0.662
	49	0.822	0.808	0.795	0.780	0.766	0.750	0.735	0.718	0.702	0.685	0.668
	50	0.827	0.814	0.801	0.786	0.772	0.756	0.741	0.724	0.708	0.691	0.674
	51	0.833	0.820	0.806	0.792	0.778	0.763	0.747	0.731	0.714	0.697	0.680
	52	0.839	0.826	0.813	0.799	0.784	0.769	0.753	0.737	0.721	0.704	0.687
	53	0.844	0.832	0.819	0.805	0.791	0.776	0.760	0.744	0.728	0.711	0.694
	54	0.850	0.838	0.825	0.811	0.797	0.782	0.767	0.751	0.735	0.718	0.701
	55	0.856	0.844	0.832	0.818	0.804	0.789	0.774	0.758	0.742	0.725	0.708
	56	0.862	0.851	0.838	0.825	0.811	0.796	0.781	0.766	0.750	0.733	0.716
	57	0.869	0.857	0.845	0.832	0.818	0.804	0.789	0.773	0.757	0.741	0.724
58	0.875	0.863	0.851	0.839	0.825	0.811	0.796	0.781	0.765	0.749	0.732	
59	0.881	0.870	0.858	0.845	0.832	0.819	0.804	0.789	0.773	0.757	0.741	
60	0.887	0.876	0.865	0.852	0.840	0.826	0.812	0.797	0.782	0.766	0.749	
61	0.893	0.882	0.871	0.859	0.847	0.834	0.820	0.805	0.790	0.774	0.758	
62	0.898	0.888	0.878	0.866	0.854	0.841	0.828	0.813	0.798	0.783	0.767	
63	0.904	0.895	0.884	0.873	0.861	0.849	0.835	0.821	0.807	0.792	0.776	
64	0.910	0.901	0.891	0.880	0.868	0.856	0.843	0.830	0.815	0.800	0.785	
65	0.915	0.906	0.897	0.887	0.876	0.864	0.851	0.838	0.824	0.809	0.794	

Chart Note: The table above shows some of the factors used to calculate the option. The factors shown are rounded off. When implementing the calculation, the retirement age is rounded up or down to the nearest whole age. Tables may be revised periodically. Your benefit will be determined by the exact tables in effect at the time you elect your payment option.

The following example is based on these assumptions:

- A member is age 55.
- The designated beneficiary is age 53.
- The member has completed 25 years of credited service.
- The average highest three years' base salary is \$30,000.00 per year.

Example of Option 1:

\$30,000 X 37.5% = \$11,250.00 annually;

\$11,250.00 X .844 = \$9,495.00 or \$791.25 monthly

FPPA Statewide Hybrid Plan

Defined Benefit Component

Benefit Options Option 2 of 5

Option 2 - 50% Survivor Benefits.

Under Option 2, a reduced normal, deferred, early or vested retirement pension will be paid to you from the effective date of your retirement until you die. Upon your death, one-half of the same reduced pension will be paid to your beneficiary for life.

The chart below can be used to estimate the benefit amount you would receive if you elect Option 2 at retirement.

Option 2 - Factors

Statewide Hybrid Plan - Defined Benefit Component

	Age of Retiree										
	55	56	57	58	59	60	61	62	63	64	65
45	0.889	0.881	0.872	0.863	0.853	0.843	0.832	0.821	0.809	0.797	0.785
46	0.892	0.884	0.875	0.866	0.856	0.846	0.836	0.824	0.813	0.801	0.789
47	0.896	0.887	0.879	0.869	0.860	0.850	0.839	0.828	0.817	0.805	0.793
48	0.899	0.891	0.882	0.873	0.864	0.854	0.843	0.832	0.821	0.809	0.797
49	0.902	0.894	0.886	0.877	0.867	0.857	0.847	0.836	0.825	0.813	0.801
50	0.905	0.898	0.889	0.880	0.871	0.861	0.851	0.840	0.829	0.817	0.805
51	0.909	0.901	0.893	0.884	0.875	0.865	0.855	0.844	0.833	0.822	0.810
52	0.912	0.905	0.897	0.888	0.879	0.869	0.859	0.849	0.838	0.826	0.814
53	0.916	0.908	0.900	0.892	0.883	0.874	0.864	0.853	0.842	0.831	0.819
54	0.919	0.912	0.904	0.896	0.887	0.878	0.868	0.858	0.847	0.836	0.824
55	0.923	0.916	0.908	0.900	0.891	0.882	0.873	0.863	0.852	0.841	0.829
56	0.926	0.919	0.912	0.904	0.896	0.887	0.877	0.867	0.857	0.846	0.835
57	0.930	0.923	0.916	0.908	0.900	0.891	0.882	0.872	0.862	0.851	0.840
58	0.933	0.927	0.920	0.912	0.904	0.896	0.887	0.877	0.867	0.856	0.845
59	0.937	0.930	0.924	0.916	0.909	0.900	0.891	0.882	0.872	0.862	0.851
60	0.940	0.934	0.927	0.920	0.913	0.905	0.896	0.887	0.877	0.867	0.857
61	0.943	0.937	0.931	0.924	0.917	0.909	0.901	0.892	0.883	0.873	0.862
62	0.946	0.941	0.935	0.928	0.921	0.914	0.906	0.897	0.888	0.878	0.868
63	0.950	0.944	0.939	0.932	0.925	0.918	0.910	0.902	0.893	0.884	0.874
64	0.953	0.948	0.942	0.936	0.930	0.923	0.915	0.907	0.898	0.889	0.879
65	0.956	0.951	0.946	0.940	0.934	0.927	0.920	0.912	0.903	0.895	0.885

Chart Note: The table above shows some of the factors used to calculate the option. The factors shown are rounded off. When implementing the calculation, the retirement age is rounded up or down to the nearest whole age. Tables may be revised periodically. Your benefit will be determined by the exact tables in effect at the time you elect your payment option.

The following example is based on these assumptions:

- A member is age 55.
- The designated beneficiary is age 53.
- The member has completed 25 years of credited service.
- The average highest three years' base salary is \$30,000.00 per year.

Example of Option 2:

\$30,000 X 37.5% = \$11,250.00 annually;
 \$11,250.00 X .916 = \$10,305.00 or \$858.75 monthly

FPPA Statewide Hybrid Plan

Defined Benefit Component

Benefit Options Option 3 of 5

Option 3 - 50% Last Survivor Benefits.

Under Option 3, a reduced normal, deferred, early or vested retirement pension will be shared by you and your beneficiary. Upon your death or the death of your beneficiary, one-half of the same reduced pension will be paid to the survivor for life.

The chart below can be used to estimate the benefit amount you would receive if you elect Option 3 at retirement.

Option 3 - Factors

Statewide Hybrid Plan - Defined Benefit Component

		Age of Retiree										
		55	56	57	58	59	60	61	62	63	64	65
Age of Beneficiary	45	0.902	0.893	0.883	0.873	0.862	0.851	0.840	0.828	0.816	0.804	0.791
	46	0.907	0.898	0.888	0.878	0.867	0.856	0.845	0.833	0.821	0.808	0.795
	47	0.912	0.902	0.893	0.882	0.872	0.861	0.849	0.837	0.825	0.813	0.800
	48	0.917	0.908	0.898	0.887	0.877	0.866	0.854	0.842	0.830	0.818	0.805
	49	0.922	0.913	0.903	0.893	0.882	0.871	0.860	0.848	0.835	0.823	0.810
	50	0.928	0.919	0.909	0.898	0.888	0.877	0.865	0.853	0.841	0.828	0.815
	51	0.934	0.924	0.915	0.904	0.894	0.883	0.871	0.859	0.847	0.834	0.821
	52	0.940	0.931	0.921	0.911	0.900	0.889	0.877	0.865	0.853	0.840	0.827
	53	0.947	0.937	0.928	0.917	0.907	0.895	0.884	0.872	0.860	0.847	0.834
	54	0.954	0.944	0.934	0.924	0.914	0.902	0.891	0.879	0.866	0.854	0.841
	55	0.961	0.952	0.942	0.932	0.921	0.910	0.898	0.886	0.874	0.861	0.848
56	0.969	0.959	0.950	0.939	0.929	0.917	0.906	0.894	0.881	0.869	0.855	
57	0.977	0.968	0.958	0.947	0.937	0.926	0.914	0.902	0.889	0.877	0.863	
58	0.986	0.976	0.966	0.956	0.945	0.934	0.922	0.910	0.898	0.885	0.872	
59	0.995	0.985	0.975	0.965	0.954	0.943	0.931	0.919	0.907	0.894	0.881	
60	1.004	0.994	0.985	0.974	0.963	0.952	0.941	0.929	0.916	0.903	0.890	
61	1.014	1.004	0.994	0.984	0.973	0.962	0.950	0.938	0.926	0.913	0.899	
62	1.024	1.014	1.004	0.994	0.983	0.972	0.960	0.948	0.936	0.923	0.909	
63	1.034	1.025	1.015	1.005	0.994	0.983	0.971	0.959	0.946	0.933	0.920	
64	1.045	1.036	1.026	1.016	1.005	0.994	0.982	0.970	0.957	0.944	0.931	
65	1.057	1.047	1.037	1.027	1.016	1.005	0.993	0.981	0.969	0.956	0.942	

Chart Note: The table above shows some of the factors used to calculate the option. The factors shown are rounded off. When implementing the calculation, the retirement age is rounded up or down to the nearest whole age. Tables may be revised periodically. Your benefit will be determined by the exact tables in effect at the time you elect your payment option.

The following example is based on these assumptions:

- A member is age 55.
- The designated beneficiary is age 53.
- The member has completed 25 years of credited service.
- The average highest three years' base salary is \$30,000.00 per year.

Example of Option 3:

$\$30,000 \times 37.5\% = \$11,250.00$ annually;

$\$11,250.00 \times .947 = \$10,653.75$ or \$887.82 monthly

FPPA Statewide Hybrid Plan

Defined Benefit Component

Benefit Options Option 4 of 5

Option 4-100% Survivor Benefits with the “Pop-Up” Provision.

Under this option, a reduced normal, deferred, early or vested retirement pension will be paid to you from the effective date of your retirement. Your pension continues for your life. Upon your death, the same reduced pension will be paid to your beneficiary for life. However, if your beneficiary pre-deceases you, the reduced benefit “pops-up” or reverts to the Normal Option effective with the first day of the month following the date of the death of your beneficiary.

The chart below can be used to estimate the benefit amount you would receive if you elect Option 4 at retirement.

Option 4 - Factors

Statewide Hybrid Plan - Defined Benefit Component

		Age of Retiree										
		55	56	57	58	59	60	61	62	63	64	65
Age of Beneficiary	45	0.795	0.782	0.768	0.753	0.738	0.723	0.707	0.691	0.675	0.659	0.642
	46	0.800	0.786	0.773	0.758	0.743	0.728	0.712	0.696	0.680	0.663	0.647
	47	0.805	0.791	0.777	0.763	0.748	0.733	0.717	0.701	0.685	0.668	0.651
	48	0.809	0.796	0.782	0.768	0.753	0.738	0.722	0.706	0.690	0.673	0.656
	49	0.814	0.801	0.787	0.773	0.758	0.743	0.728	0.711	0.695	0.679	0.662
	50	0.819	0.806	0.792	0.778	0.764	0.749	0.733	0.717	0.701	0.684	0.667
	51	0.824	0.811	0.798	0.784	0.769	0.754	0.739	0.723	0.706	0.690	0.673
	52	0.829	0.817	0.803	0.789	0.775	0.760	0.744	0.728	0.712	0.695	0.679
	53	0.834	0.822	0.809	0.795	0.780	0.765	0.750	0.734	0.718	0.701	0.685
	54	0.840	0.827	0.814	0.800	0.786	0.771	0.756	0.740	0.724	0.708	0.691
	55	0.845	0.833	0.820	0.806	0.792	0.777	0.762	0.747	0.730	0.714	0.697
56	0.850	0.838	0.825	0.812	0.798	0.783	0.768	0.753	0.737	0.720	0.704	
57	0.855	0.844	0.831	0.818	0.804	0.790	0.775	0.759	0.743	0.727	0.710	
58	0.861	0.849	0.837	0.824	0.810	0.796	0.781	0.766	0.750	0.734	0.717	
59	0.866	0.854	0.842	0.830	0.816	0.802	0.788	0.773	0.757	0.741	0.724	
60	0.871	0.860	0.848	0.836	0.822	0.809	0.794	0.779	0.764	0.748	0.732	
61	0.876	0.865	0.854	0.841	0.829	0.815	0.801	0.786	0.771	0.755	0.739	
62	0.881	0.871	0.859	0.847	0.835	0.821	0.808	0.793	0.778	0.762	0.746	
63	0.886	0.876	0.865	0.853	0.841	0.828	0.814	0.800	0.785	0.770	0.754	
64	0.891	0.881	0.871	0.859	0.847	0.834	0.821	0.807	0.792	0.777	0.761	
65	0.896	0.887	0.876	0.865	0.853	0.841	0.828	0.814	0.799	0.784	0.769	

Chart Note: The table above shows some of the factors used to calculate the option. The factors shown are rounded off. When implementing the calculation, the retirement age is rounded up or down to the nearest whole age. Tables may be revised periodically. Your benefit will be determined by the exact tables in effect at the time you elect your payment option.

The following example is based on these assumptions:

- A member is age 55.
- The designated beneficiary is age 53.
- The member has completed 25 years of credited service.
- The average highest three years’ base salary is \$30,000.00 per year.

Example of Option 4:

$\$30,000 \times 37.5\% = \$11,250.00$ annually;

$\$11,250.00 \times .834 = 9,382.50$ or 781.88 monthly

FPPA Statewide Hybrid Plan

Defined Benefit Component

Benefit Options Option 5 of 5

Option 5 - 50% Survivor Benefits with the “Pop-Up” Provision.

Under Option 5, a reduced normal, deferred, early or vested retirement pension will be paid to you from the effective date of your retirement until you die. Upon your death, one-half of the same reduced pension will be paid to your beneficiary for life. However, if your beneficiary predeceases you, the reduced benefit “pops-up” or reverts to the Normal Option effective with the first day of the month following the date of the death of your beneficiary.

The chart below can be used to estimate the benefit amount you would receive if you elect Option 5 at retirement.

Option 5 - Factors

Statewide Hybrid Plan - Defined Benefit Component

		Age of Retiree										
		55	56	57	58	59	60	61	62	63	64	65
Age of Beneficiary	45	0.886	0.878	0.869	0.859	0.850	0.839	0.829	0.818	0.806	0.794	0.782
	46	0.889	0.880	0.872	0.862	0.853	0.843	0.832	0.821	0.809	0.798	0.785
	47	0.892	0.883	0.875	0.866	0.856	0.846	0.835	0.824	0.813	0.801	0.789
	48	0.895	0.886	0.878	0.869	0.859	0.849	0.839	0.828	0.816	0.805	0.793
	49	0.898	0.890	0.881	0.872	0.863	0.853	0.842	0.831	0.820	0.808	0.796
	50	0.901	0.893	0.884	0.875	0.866	0.856	0.846	0.835	0.824	0.812	0.800
	51	0.904	0.896	0.887	0.879	0.869	0.860	0.850	0.839	0.828	0.816	0.804
	52	0.907	0.899	0.891	0.882	0.873	0.863	0.853	0.843	0.832	0.820	0.809
	53	0.910	0.902	0.894	0.886	0.877	0.867	0.857	0.847	0.836	0.825	0.813
	54	0.913	0.905	0.898	0.889	0.880	0.871	0.861	0.851	0.840	0.829	0.817
	55	0.916	0.909	0.901	0.893	0.884	0.875	0.865	0.855	0.844	0.833	0.822
56	0.919	0.912	0.904	0.896	0.888	0.879	0.869	0.859	0.848	0.838	0.826	
57	0.922	0.915	0.908	0.900	0.891	0.882	0.873	0.863	0.853	0.842	0.831	
58	0.925	0.918	0.911	0.903	0.895	0.886	0.877	0.867	0.857	0.847	0.835	
59	0.928	0.922	0.914	0.907	0.899	0.890	0.881	0.872	0.862	0.851	0.840	
60	0.931	0.925	0.918	0.910	0.903	0.894	0.885	0.876	0.866	0.856	0.845	
61	0.934	0.928	0.921	0.914	0.906	0.898	0.889	0.880	0.871	0.860	0.850	
62	0.937	0.931	0.924	0.917	0.910	0.902	0.894	0.885	0.875	0.865	0.855	
63	0.940	0.934	0.928	0.921	0.914	0.906	0.898	0.889	0.880	0.870	0.860	
64	0.943	0.937	0.931	0.924	0.917	0.910	0.902	0.893	0.884	0.875	0.865	
65	0.945	0.940	0.934	0.928	0.921	0.913	0.906	0.897	0.889	0.879	0.869	

Chart Note: The table above shows some of the factors used to calculate the option. The factors shown are rounded off. When implementing the calculation, the retirement age is rounded up or down to the nearest whole age. Tables may be revised periodically. Your benefit will be determined by the exact tables in effect at the time you elect your payment option.

The following example is based on these assumptions:

- A member is age 55.
- The designated beneficiary is age 53.
- The member has completed 25 years of credited service.
- The average highest three years’ base salary is \$30,000.00 per year.

Example of Option 5:

$\$30,000 \times 37.5\% = \$11,250.00$ annually;

$\$11,250.00 \times .910 = \$10,237.50$ or 853.13 monthly



Fire and Police Pension Association of Colorado

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