## percentage estimate chart - Tier 2 Group 1 <br> GROUP 1 with Membership Date on or after April 2, 2012 (Tier 2 Group 1) <br> Group 1 = General officials and employees including administrative, clerical, laborers, mechanics, technical workers and all others not otherwise specifically classified by statute as group 2 or group 4. <br> Minimnum Requirements: You must be at least 60 years of age and have at least 10 years of full-time equivalent service.

Directions: 1) Find column for age at last birthday; 2) Find row for years of service; 3) Find intersection of 1 \& 2; 4) Multiple percentage found by average 5-year salary

| Age (last B-day) | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67+ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Percentage per year | 1.450\% | 1.600\% | 1.750\% | 1.900\% | 2.050\% | 2.200\% | 2.350\% | 2.500\% |
| Percentage 30+ years | 1.625\% | 1.750\% | 1.875\% | 2.000\% | 2.125\% | 2.250\% | 2.375\% | 2.500\% |
| Years of Service | Multiple percentage below by average 5-year salary |  |  |  |  |  |  |  |
| 10 | 14.50\% | 16.00\% | 17.50\% | 19.00\% | 20.50\% | 22.00\% | 23.50\% | 25.00\% |
| 11 | 15.95\% | 17.60\% | 19.25\% | 20.90\% | 22.55\% | 24.20\% | 25.85\% | 27.50\% |
| 12 | 17.40\% | 19.20\% | 21.00\% | 22.80\% | 24.60\% | 26.40\% | 28.20\% | 30.00\% |
| 13 | 18.85\% | 20.80\% | 22.75\% | 24.70\% | 26.65\% | 28.60\% | 30.55\% | 32.50\% |
| 14 | 20.30\% | 22.40\% | 24.50\% | 26.60\% | 28.70\% | 30.80\% | 32.90\% | 35.00\% |
| 15 | 21.75\% | 24.00\% | 26.25\% | 28.50\% | 30.75\% | 33.00\% | 35.25\% | 37.50\% |
| 16 | 23.20\% | 25.60\% | 28.00\% | 30.40\% | 32.80\% | 35.20\% | 37.60\% | 40.00\% |
| 17 | 24.65\% | 27.20\% | 29.75\% | 32.30\% | 34.85\% | 37.40\% | 39.95\% | 42.50\% |
| 18 | 26.10\% | 28.80\% | 31.50\% | 34.20\% | 36.90\% | 39.60\% | 42.30\% | 45.00\% |
| 19 | 27.55\% | 30.40\% | 33.25\% | 36.10\% | 38.95\% | 41.80\% | 44.65\% | 47.50\% |
| 20 | 29.00\% | 32.00\% | 35.00\% | 38.00\% | 41.00\% | 44.00\% | 47.00\% | 50.00\% |
| 21 | 30.45\% | 33.60\% | 36.75\% | 39.90\% | 43.05\% | 46.20\% | 49.35\% | 52.50\% |
| 22 | 31.90\% | 35.20\% | 38.50\% | 41.80\% | 45.10\% | 48.40\% | 51.70\% | 55.00\% |
| 23 | 33.35\% | 36.80\% | 40.25\% | 43.70\% | 47.15\% | 50.60\% | 54.05\% | 57.50\% |
| 24 | 34.80\% | 38.40\% | 42.00\% | 45.60\% | 49.20\% | 52.80\% | 56.40\% | 60.00\% |
| 25 | 36.25\% | 40.00\% | 43.75\% | 47.50\% | 51.25\% | 55.00\% | 58.75\% | 62.50\% |
| 26 | 37.70\% | 41.60\% | 45.50\% | 49.40\% | 53.30\% | 57.20\% | 61.10\% | 65.00\% |
| 27 | 39.15\% | 43.20\% | 47.25\% | 51.30\% | 55.35\% | 59.40\% | 63.45\% | 67.50\% |
| 28 | 40.60\% | 44.80\% | 49.00\% | 53.20\% | 57.40\% | 61.60\% | 65.80\% | 70.00\% |
| 29 | 42.05\% | 46.40\% | 50.75\% | 55.10\% | 59.45\% | 63.80\% | 68.15\% | 72.50\% |
| 30 | 48.75\% | 52.50\% | 56.25\% | 60.00\% | 63.75\% | 67.50\% | 71.25\% | 75.00\% |
| 31 | 50.38\% | 54.25\% | 58.13\% | 62.00\% | 65.88\% | 69.75\% | 73.63\% | 77.50\% |
| 32 | 52.00\% | 56.00\% | 60.00\% | 64.00\% | 68.00\% | 72.00\% | 76.00\% | 80.00\% |
| 33 | 53.63\% | 57.75\% | 61.88\% | 66.00\% | 70.13\% | 74.25\% | 78.38\% | 80.00\% |
| 34 | 55.25\% | 59.50\% | 63.75\% | 68.00\% | 72.25\% | 76.50\% | 80.00\% | 80.00\% |
| 35 | 56.88\% | 61.25\% | 65.63\% | 70.00\% | 74.38\% | 78.75\% | 80.00\% | 80.00\% |
| 36 | 58.50\% | 63.00\% | 67.50\% | 72.00\% | 76.50\% | 80.00\% | 80.00\% | 80.00\% |
| 37 | 60.13\% | 64.75\% | 69.38\% | 74.00\% | 78.63\% | 80.00\% | 80.00\% | 80.00\% |
| 38 | 61.75\% | 66.50\% | 71.25\% | 76.00\% | 80.00\% | 80.00\% | 80.00\% | 80.00\% |
| 39 | 63.38\% | 68.25\% | 73.13\% | 78.00\% | 80.00\% | 80.00\% | 80.00\% | 80.00\% |
| 40 | 65.00\% | 70.00\% | 75.00\% | 80.00\% | 80.00\% | 80.00\% | 80.00\% | 80.00\% |
| 41 | 66.63\% | 71.75\% | 76.88\% | 80.00\% | 80.00\% | 80.00\% | 80.00\% | 80.00\% |
| 42 | 68.25\% | 73.50\% | 78.75\% | 80.00\% | 80.00\% | 80.00\% | 80.00\% | 80.00\% |

Although this chart shows only full years of service, the actual retirement calculation is based on years and full months of service For Example: at age 60 with 10 years 4 months of service, actual calculation would be $14.98 \%$ of salary

Maximum Benefit = 80\% of 5 year average salary

## PERCENTAGE EStimate Chart - Tier 2 Group 2

## GROUP 2 with Membership Date on or after April 2, 2012 (Tier 2 Group 2)

Group 2 = Certain employees whose positions are statutorily identified such as ambulance attendents, those employed as electrians, those having care/custody of mentally ill patients, and certain security personnel

## Minimnum Requirements: You must be 55 years of age and have at least 10 years of full-time equivalent service.

Directions: 1) Find column for age at last birthday; 2) Find row for years of service; 3) Find intersection of 1 \& 2; 4) Multiple percentage found by average 5-year salary

| Age (last B-day) | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62+ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Percentage per year | 1.450\% | 1.600\% | 1.750\% | 1.900\% | 2.050\% | 2.200\% | 2.350\% | 2.500\% |
| Percentage 30+ years | 1.625\% | 1.750\% | 1.875\% | 2.000\% | 2.125\% | 2.250\% | 2.375\% | 2.500\% |
| Years of Service | Multiple percentage below by average 5-year salary |  |  |  |  |  |  |  |
| 10 | 14.50\% | 16.00\% | 17.50\% | 19.00\% | 20.50\% | 22.00\% | 23.50\% | 25.00\% |
| 11 | 15.95\% | 17.60\% | 19.25\% | 20.90\% | 22.55\% | 24.20\% | 25.85\% | 27.50\% |
| 12 | 17.40\% | 19.20\% | 21.00\% | 22.80\% | 24.60\% | 26.40\% | 28.20\% | 30.00\% |
| 13 | 18.85\% | 20.80\% | 22.75\% | 24.70\% | 26.65\% | 28.60\% | 30.55\% | 32.50\% |
| 14 | 20.30\% | 22.40\% | 24.50\% | 26.60\% | 28.70\% | 30.80\% | 32.90\% | 35.00\% |
| 15 | 21.75\% | 24.00\% | 26.25\% | 28.50\% | 30.75\% | 33.00\% | 35.25\% | 37.50\% |
| 16 | 23.20\% | 25.60\% | 28.00\% | 30.40\% | 32.80\% | 35.20\% | 37.60\% | 40.00\% |
| 17 | 24.65\% | 27.20\% | 29.75\% | 32.30\% | 34.85\% | 37.40\% | 39.95\% | 42.50\% |
| 18 | 26.10\% | 28.80\% | 31.50\% | 34.20\% | 36.90\% | 39.60\% | 42.30\% | 45.00\% |
| 19 | 27.55\% | 30.40\% | 33.25\% | 36.10\% | 38.95\% | 41.80\% | 44.65\% | 47.50\% |
| 20 | 29.00\% | 32.00\% | 35.00\% | 38.00\% | 41.00\% | 44.00\% | 47.00\% | 50.00\% |
| 21 | 30.45\% | 33.60\% | 36.75\% | 39.90\% | 43.05\% | 46.20\% | 49.35\% | 52.50\% |
| 22 | 31.90\% | 35.20\% | 38.50\% | 41.80\% | 45.10\% | 48.40\% | 51.70\% | 55.00\% |
| 23 | 33.35\% | 36.80\% | 40.25\% | 43.70\% | 47.15\% | 50.60\% | 54.05\% | 57.50\% |
| 24 | 34.80\% | 38.40\% | 42.00\% | 45.60\% | 49.20\% | 52.80\% | 56.40\% | 60.00\% |
| 25 | 36.25\% | 40.00\% | 43.75\% | 47.50\% | 51.25\% | 55.00\% | 58.75\% | 62.50\% |
| 26 | 37.70\% | 41.60\% | 45.50\% | 49.40\% | 53.30\% | 57.20\% | 61.10\% | 65.00\% |
| 27 | 39.15\% | 43.20\% | 47.25\% | 51.30\% | 55.35\% | 59.40\% | 63.45\% | 67.50\% |
| 28 | 40.60\% | 44.80\% | 49.00\% | 53.20\% | 57.40\% | 61.60\% | 65.80\% | 70.00\% |
| 29 | 42.05\% | 46.40\% | 50.75\% | 55.10\% | 59.45\% | 63.80\% | 68.15\% | 72.50\% |
| 30 | 48.75\% | 52.50\% | 56.25\% | 60.00\% | 63.75\% | 67.50\% | 71.25\% | 75.00\% |
| 31 | 50.38\% | 54.25\% | 58.13\% | 62.00\% | 65.88\% | 69.75\% | 73.63\% | 77.50\% |
| 32 | 52.00\% | 56.00\% | 60.00\% | 64.00\% | 68.00\% | 72.00\% | 76.00\% | 80.00\% |
| 33 | 53.63\% | 57.75\% | 61.88\% | 66.00\% | 70.13\% | 74.25\% | 78.38\% | 80.00\% |
| 34 | 55.25\% | 59.50\% | 63.75\% | 68.00\% | 72.25\% | 76.50\% | 80.00\% | 80.00\% |
| 35 | 56.88\% | 61.25\% | 65.63\% | 70.00\% | 74.38\% | 78.75\% | 80.00\% | 80.00\% |
| 36 | 58.50\% | 63.00\% | 67.50\% | 72.00\% | 76.50\% | 80.00\% | 80.00\% | 80.00\% |
| 37 | 60.13\% | 64.75\% | 69.38\% | 74.00\% | 78.63\% | 80.00\% | 80.00\% | 80.00\% |
| 38 | 61.75\% | 66.50\% | 71.25\% | 76.00\% | 80.00\% | 80.00\% | 80.00\% | 80.00\% |
| 39 | 63.38\% | 68.25\% | 73.13\% | 78.00\% | 80.00\% | 80.00\% | 80.00\% | 80.00\% |
| 40 |  | 70.00\% | 75.00\% | 80.00\% | 80.00\% | 80.00\% | 80.00\% | 80.00\% |

Although this chart shows only full years of service, the actual retirement calculation is based on years and full months of service For Example: at age 55 with 10 years 4 months of service, actual calculation would be $14.98 \%$ of salary

Maximum Benefit $=80 \%$ of 5 year average salary

## PERCENTAGE estimate chart - Tier 2 Group 4

## GROUP 4 with Membership Date on or after April 2, 2012 (Tier 2 Group 4)

Group 4 = Municipal Firefighters and Police Officers, certain employees of municipal gas or electric generating/distribution plants and other statutorily identified positions classified hazardous necessitating mandatory retirement at age 65.

Minimum Requirements: You must be at least 50 years of age. Mandatory retirement at age 65
Directions: 1) Find column for age at last birthday; 2) Find row for years of service; 3) Find intersection of 1 \& 2; 4) Multiple percentage found by average 5-year salary

| Age (last B-day) | $\mathbf{5 0}$ | $\mathbf{5 1}$ | $\mathbf{5 2}$ | $\mathbf{5 3}$ | $\mathbf{5 4}$ | $\mathbf{5 5}$ | $\mathbf{5 6}$ | $\mathbf{5 7 +}$ |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Percentage per year | $1.450 \%$ | $1.600 \%$ | $1.750 \%$ | $1.900 \%$ | $2.050 \%$ | $2.200 \%$ | $2.350 \%$ | $2.500 \%$ |
| Percentage 30+ years | $1.625 \%$ | $1.750 \%$ | $1.875 \%$ | $2.000 \%$ | $2.125 \%$ | $2.250 \%$ | $2.375 \%$ | $2.500 \%$ |


| Years of Service | Multiple percentage below by average 5-year salary |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10 | 14.50\% | 16.00\% | 17.50\% | 19.00\% | 20.50\% | 22.00\% | 23.50\% | 25.00\% |
| 11 | 15.95\% | 17.60\% | 19.25\% | 20.90\% | 22.55\% | 24.20\% | 25.85\% | 27.50\% |
| 12 | 17.40\% | 19.20\% | 21.00\% | 22.80\% | 24.60\% | 26.40\% | 28.20\% | 30.00\% |
| 13 | 18.85\% | 20.80\% | 22.75\% | 24.70\% | 26.65\% | 28.60\% | 30.55\% | 32.50\% |
| 14 | 20.30\% | 22.40\% | 24.50\% | 26.60\% | 28.70\% | 30.80\% | 32.90\% | 35.00\% |
| 15 | 21.75\% | 24.00\% | 26.25\% | 28.50\% | 30.75\% | 33.00\% | 35.25\% | 37.50\% |
| 16 | 23.20\% | 25.60\% | 28.00\% | 30.40\% | 32.80\% | 35.20\% | 37.60\% | 40.00\% |
| 17 | 24.65\% | 27.20\% | 29.75\% | 32.30\% | 34.85\% | 37.40\% | 39.95\% | 42.50\% |
| 18 | 26.10\% | 28.80\% | 31.50\% | 34.20\% | 36.90\% | 39.60\% | 42.30\% | 45.00\% |
| 19 | 27.55\% | 30.40\% | 33.25\% | 36.10\% | 38.95\% | 41.80\% | 44.65\% | 47.50\% |
| 20 | 29.00\% | 32.00\% | 35.00\% | 38.00\% | 41.00\% | 44.00\% | 47.00\% | 50.00\% |
| 21 | 30.45\% | 33.60\% | 36.75\% | 39.90\% | 43.05\% | 46.20\% | 49.35\% | 52.50\% |
| 22 | 31.90\% | 35.20\% | 38.50\% | 41.80\% | 45.10\% | 48.40\% | 51.70\% | 55.00\% |
| 23 | 33.35\% | 36.80\% | 40.25\% | 43.70\% | 47.15\% | 50.60\% | 54.05\% | 57.50\% |
| 24 | 34.80\% | 38.40\% | 42.00\% | 45.60\% | 49.20\% | 52.80\% | 56.40\% | 60.00\% |
| 25 | 36.25\% | 40.00\% | 43.75\% | 47.50\% | 51.25\% | 55.00\% | 58.75\% | 62.50\% |
| 26 | 37.70\% | 41.60\% | 45.50\% | 49.40\% | 53.30\% | 57.20\% | 61.10\% | 65.00\% |
| 27 | 39.15\% | 43.20\% | 47.25\% | 51.30\% | 55.35\% | 59.40\% | 63.45\% | 67.50\% |
| 28 | 40.60\% | 44.80\% | 49.00\% | 53.20\% | 57.40\% | 61.60\% | 65.80\% | 70.00\% |
| 29 | 42.05\% | 46.40\% | 50.75\% | 55.10\% | 59.45\% | 63.80\% | 68.15\% | 72.50\% |
| 30 | 48.75\% | 52.50\% | 56.25\% | 60.00\% | 63.75\% | 67.50\% | 71.25\% | 75.00\% |
| 31 | 50.38\% | 54.25\% | 58.13\% | 62.00\% | 65.88\% | 69.75\% | 73.63\% | 77.50\% |
| 32 | 52.00\% | 56.00\% | 60.00\% | 64.00\% | 68.00\% | 72.00\% | 76.00\% | 80.00\% |
| 33 | 53.63\% | 57.75\% | 61.88\% | 66.00\% | 70.13\% | 74.25\% | 78.38\% | 80.00\% |
| 34 | 55.25\% | 59.50\% | 63.75\% | 68.00\% | 72.25\% | 76.50\% | 80.00\% | 80.00\% |
| 35 |  | 61.25\% | 65.63\% | 70.00\% | 74.38\% | 78.75\% | 80.00\% | 80.00\% |
| 36 |  |  | 67.50\% | 72.00\% | 76.50\% | 80.00\% | 80.00\% | 80.00\% |
| 37 |  |  |  | 74.00\% | 78.63\% | 80.00\% | 80.00\% | 80.00\% |
| 38 |  |  |  |  | 80.00\% | 80.00\% | 80.00\% | 80.00\% |
| 39 |  |  |  |  |  | 80.00\% | 80.00\% | 80.00\% |
| 40 |  |  |  |  |  |  | 80.00\% | 80.00\% |

Although this chart shows only full years of service, the actual retirement calculation is based on years and full months of service For Example: at age 50 with 10 years 4 months of service, actual calculation would be $14.98 \%$ of salary Maximum Benefit $=\mathbf{8 0 \%}$ of 5 year average salary

