



RETIREMENT FORMULAS AND BENEFIT FACTORS

The chart below shows how the benefit factor increases for each quarter year of age from 50 to 63.

2% at Age 55 Benefit Formula Minimum Age for Retirement 50				
Age	Exact Year	¼ Year	½ Year	¾ Year
50	1.100%	1.146%	1.190%	1.236%
51	1.280%	1.326%	1.370%	1.416%
52	1.460%	1.506%	1.550%	1.596%
53	1.640%	1.686%	1.730%	1.776%
54	1.820%	1.866%	1.910%	1.956%
55	2.000%	2.016%	2.032%	2.048%
56	2.064%	2.080%	2.096%	2.110%
57	2.126%	2.142%	2.158%	2.172%
58	2.188%	2.204%	2.220%	2.236%
59	2.250%	2.268%	2.282%	2.298%
60	2.314%	2.330%	2.346%	2.360%
61	2.376%	2.392%	2.406%	2.422%
62	2.438%	2.454%	2.470%	2.486%
63 or older	2.500%	—	—	—

PERCENTAGE OF FINAL COMPENSATION



Age	50	51	52	53	54	55	56	57	58	59	60	61	62	63+
Benefit Factor	1.100	1.280	1.460	1.640	1.820	2.000	2.064	2.126	2.188	2.250	2.314	2.376	2.438	2.500
Years of Service	Percentage of Final Compensation													
5	5.50	6.40	7.30	8.20	9.10	10.00	10.32	10.63	10.94	11.25	11.57	11.88	12.19	12.50
6	6.60	7.68	8.76	9.84	10.92	12.00	12.38	12.76	13.13	13.50	13.88	14.26	14.63	15.00
7	7.70	8.96	10.22	11.48	12.74	14.00	14.45	14.88	15.32	15.75	16.20	16.63	17.07	17.50
8	8.80	10.24	11.68	13.12	14.56	16.00	16.51	17.01	17.50	18.00	18.51	19.01	19.50	20.00
9	9.90	11.52	13.14	14.76	16.38	18.00	18.58	19.13	19.69	20.25	20.83	21.38	21.94	22.50
10	11.00	12.80	14.60	16.40	18.20	20.00	20.64	21.26	21.88	22.50	23.14	23.76	24.38	25.00
11	12.10	14.08	16.06	18.04	20.02	22.00	22.70	23.39	24.07	24.75	25.45	26.14	26.82	27.50
12	13.20	15.36	17.52	19.68	21.84	24.00	24.77	25.51	26.26	27.00	27.77	28.51	29.26	30.00
13	14.30	16.64	18.98	21.32	23.66	26.00	26.83	27.64	28.44	29.25	30.08	30.89	31.69	32.50
14	15.40	17.92	20.44	22.96	25.48	28.00	28.90	29.76	30.63	31.50	32.40	33.26	34.13	35.00
15	16.50	19.20	21.90	24.60	27.30	30.00	30.96	31.89	32.82	33.75	34.71	35.64	36.57	37.50
16	17.60	20.48	23.36	26.24	29.12	32.00	33.02	34.02	35.01	36.00	37.02	38.02	39.01	40.00
17	18.70	21.76	24.82	27.88	30.94	34.00	35.09	36.14	37.20	38.25	39.34	40.39	41.45	42.50
18	19.80	23.04	26.28	29.52	32.76	36.00	37.15	38.27	39.38	40.50	41.65	42.77	43.88	45.00
19	20.90	24.32	27.74	31.16	34.58	38.00	39.22	40.39	41.57	42.75	43.97	45.14	46.32	47.50
20	22.00	25.60	29.20	32.80	36.40	40.00	41.28	42.52	43.76	45.00	46.28	47.52	48.76	50.00
21	23.10	26.88	30.66	34.44	38.22	42.00	43.34	44.65	45.95	47.25	48.59	49.90	51.20	52.50
22	24.20	28.16	32.12	36.08	40.04	44.00	45.41	46.77	48.14	49.50	50.91	52.27	53.64	55.00
23	25.30	29.44	33.58	37.72	41.86	46.00	47.47	48.90	50.32	51.75	53.22	54.65	56.07	57.50
24	26.40	30.72	35.04	39.36	43.68	48.00	49.54	51.02	52.51	54.00	55.54	57.02	58.51	60.00
25	27.50	32.00	36.50	41.00	45.50	50.00	51.60	53.15	54.70	56.25	57.85	59.40	60.95	62.50
26	28.60	33.28	37.96	42.64	47.32	52.00	53.66	55.28	56.89	58.50	60.16	61.78	63.39	65.00
27	29.70	34.56	39.42	44.28	49.14	54.00	55.73	57.40	59.08	60.75	62.48	64.15	65.83	67.50
28	30.80	35.84	40.88	45.92	50.96	56.00	57.79	59.53	61.26	63.00	64.79	66.53	68.26	70.00
29	31.90	37.12	42.34	47.56	52.78	58.00	59.86	61.65	63.45	65.25	67.11	68.90	70.70	72.50
30	33.00	38.40	43.80	49.20	54.60	60.00	61.92	63.78	65.64	67.50	69.42	71.28	73.14	75.00
31	34.10	39.68	45.26	50.84	56.42	62.00	63.98	65.91	67.83	69.75	71.73	73.66	75.58	77.50
32	35.20	40.96	46.72	52.48	58.24	64.00	66.05	68.03	70.02	72.00	74.05	76.03	78.02	80.00
33	36.30	42.24	48.18	54.12	60.06	66.00	68.11	70.16	72.20	74.25	76.36	78.41	80.45	82.50
34	—	43.52	49.64	55.76	61.88	68.00	70.18	72.28	74.39	76.50	78.68	80.78	82.89	85.00
35	—	—	51.10	57.40	63.70	70.00	72.24	74.41	76.58	78.75	80.99	83.16	85.33	87.50
36	—	—	—	59.04	65.52	72.00	74.30	76.54	78.77	81.00	83.30	85.54	87.77	90.00
37	—	—	—	—	67.34	74.00	76.37	78.66	80.96	83.25	85.62	87.91	90.21	92.50
38	—	—	—	—	—	76.00	78.43	80.79	83.14	85.50	87.93	90.29	92.64	95.00
39	—	—	—	—	—	—	80.49	82.91	85.33	87.75	90.25	92.66	95.08	97.50
40	—	—	—	—	—	—	—	85.04	87.52	90.00	92.56	95.04	97.52	100.0