



ACTUARIAL FACTORS

Factors from January 2014 - December 2019



ACTUARIAL FACTOR CHARTS BASED ON MEMBER'S AGE AT RETIREMENT

As a result of changes in the interest rate and retiree mortality assumptions, service purchase and payment option factors were adjusted based on the [2018 experience study](#). Effective January 1, 2020, KRS made factor adjustments to accurately reflect the true actuarial cost of service purchases and retirement benefit payment options.

Actuarial factors are used in two main ways. First, the factors help determine the amount of retirement benefits to be paid under various retirement benefit payment options, including Tier 3 annuity amounts. Second, actuarial factors are used when calculating the cost of service purchases and Hazardous Conversion Factors.

[View current factors on the KRS website.](#)

HAZARDOUS	
Age at Retirement	Actuarial Factor
43	152.409012
44	151.534824
45	150.608352
46	149.627136
47	148.586484
48	147.483156
49	146.312856
50	145.071504
51	143.754360
52	142.374648
53	140.917824
54	139.380348
55	137.758668
56	136.062012
57	134.301180
58	132.455748
59	130.525296
60	128.510100
61	126.413556
62	124.238436
63	121.989684
64	119.673708
65	117.281868
66	114.815688
67	112.280052
68	109.662180
69	106.954128

HAZARDOUS	
Age at Retirement	Actuarial Factor
70	104.167644
71	101.323236
72	98.410524
73	95.434344
74	92.405796
75	89.334240
76	86.227068
77	83.087640

NONHAZARDOUS	
Age at Retirement	Actuarial Factor
57	137.092488
58	135.364728
59	133.553124
60	131.657064
61	129.677556
62	127.616868
63	125.480760
64	123.276648
65	121.004940
66	118.660464
67	116.246988
68	113.762472
69	111.195372
70	108.548856
71	105.832656
72	103.059396
73	100.222008
74	97.330272
75	94.391196
76	91.408068
77	88.380612
78	85.308852
79	82.195644
80	79.047132

