



Local Government Pension Scheme: England & Wales

Summary of the 2020 assumptions used in the actuarial valuation as at 31 March 2020

This report is supplemental to the Advice on assumptions report dated 29 February 2024 and should be read in conjunction with that report. This report contains further details of the 'scheme-set' assumptions to be adopted for the actuarial valuation of the Local Government England & Wales Pension Scheme as at 31 March 2020, including sample rates and values. The assumptions adopted at the previous valuation as at 31 March 2016 are set out in our Advice on assumptions report for that valuation, located at the following <https://www.gov.uk/government/publications/public-service-pensions-2016-actuarial-valuation-reports/public-service-pensions-2016-actuarial-valuation-reports>.

Mortality after retirement

Baseline mortality	Standard table	Adjustment
Males		
Retirements in normal health	S3NMA_M	99%
Current ill-health pensioners	S3IMA	117%
Future ill-health pensioners	S3IMA	117%
Dependants	S3DMA	96%
Females		
Retirements in normal health	S3NFA_M	96%
Current ill-health pensioners	S3IFA	133%
Future ill-health pensioners	S3IFA	133%
Dependants	S3NFA_H	97%

Commutation of pension for cash at retirement

	Pre-2008 Service	Post-2008 service
Males and females	10%	20%



Retirement ages

Age retirement rates for members joining on or after 1 Oct 2006 (including new entrants to 2014 Scheme), and all members not entitled to unreduced benefits before age 65 under the 'Rule of 85'

Age	NPA 65	NPA 66	NPA 67	NPA 68
55	0.020	0.020	0.020	0.020
56	0.020	0.020	0.020	0.020
57	0.020	0.020	0.020	0.020
58	0.020	0.020	0.020	0.020
59	0.020	0.020	0.020	0.020
60	0.105	0.105	0.105	0.105
61	0.090	0.090	0.090	0.090
62	0.090	0.090	0.090	0.090
63	0.090	0.090	0.090	0.090
64	0.090	0.090	0.090	0.090
65	1.000	0.090	0.090	0.090
66	1.000	1.000	0.090	0.090
67	1.000	1.000	1.000	0.090
68	1.000	1.000	1.000	1.000

Age retirement rates for members entitled to unreduced benefits at age 60 under the 'Rule of 85'

Age	NPA 65	NPA 66	NPA 67	NPA 68
55	0.020	0.020	0.020	0.020
56	0.020	0.020	0.020	0.020
57	0.020	0.020	0.020	0.020
58	0.020	0.020	0.020	0.020
59	0.020	0.020	0.020	0.020
60	0.186	0.186	0.153	0.130
61	0.108	0.108	0.101	0.096
62	0.108	0.108	0.101	0.096
63	0.108	0.108	0.101	0.096
64	0.108	0.108	0.101	0.096
65	1.000	0.108	0.101	0.096
66	1.000	1.000	0.101	0.096
67	1.000	1.000	1.000	0.096
68	1.000	1.000	1.000	1.000

Age retirement rates for members entitled to unreduced benefits at between 60 and 65 under the 'Rule of 85'

Age	NPA 65	NPA 66	NPA 67	NPA 68
55	0.020	0.020	0.020	0.020
56	0.020	0.020	0.020	0.020
57	0.020	0.020	0.020	0.020
58	0.020	0.020	0.020	0.020
59	0.020	0.020	0.020	0.020
60	0.105	0.105	0.105	0.105
61	0.090	0.090	0.090	0.090
62	0.186	0.186	0.147	0.120
63	0.108	0.108	0.101	0.096
64	0.108	0.108	0.101	0.096
65	1.000	0.108	0.101	0.096
66	1.000	1.000	0.101	0.096
67	1.000	1.000	1.000	0.096
68	1.000	1.000	1.000	1.000

Rates of leaving service

Age	Male	Female
20	0.16	0.16
25	0.14	0.13
30	0.10	0.10
35	0.08	0.08
40	0.06	0.07
45	0.05	0.06
50	0.04	0.05
55	0.03	0.04
60	0.03	0.03
65	0.02	0.02

Promotional pay increases

Age	Males	Females
20	90	95
25	92	96
30	100	100
35	105	103
40	109	104
45	112	106
50	115	107
55	115	107
60	115	107
65	115	107

Rates of ill-health retirement

Age	Males	Females
20	0.0000	0.0000
25	0.0001	0.0000
30	0.0001	0.0001
35	0.0002	0.0001
40	0.0004	0.0003
45	0.0009	0.0006
50	0.0018	0.0013
55	0.0036	0.0028
60	0.0074	0.0062
65	0.0151	0.0134

* Rates are zero if above the NPA of the relevant section

In all scheme sections, 77% of ill-health retirements are assumed to qualify for tier 1 benefits, 10% for tier 2 benefits and 13% for tier 3.

Mortality before retirement

Age	Males	Females
20	0.0002	0.0001
25	0.0002	0.0001
30	0.0003	0.0001
35	0.0005	0.0002
40	0.0006	0.0003
45	0.0009	0.0005
50	0.0013	0.0008
55	0.0021	0.0012
60	0.0032	0.0019
65	0.0050	0.0029

Family statistics

Proportion married or entitled to a partners'/dependent's pension at death

Age	Males	Females
60	80%	75%
70	78%	57%
80	64%	28%
90	36%	8%

Other assumptions

Male members are assumed to be three years older than their partners and female members are assumed to be two years younger than their partners.

29 February 2024