

# 2024 Scale MP-2021 Adjusted Rates

Internal Revenue Service  
(August 11, 2023)

Available at: [www.irs.gov/retirement-plans/pension-plan-mortality-tables](http://www.irs.gov/retirement-plans/pension-plan-mortality-tables)

## 2024 Adjusted Scale MP-2021 Rates - Males

Age	2013	2014	2015	2016	2017	2018	2019	2020	2021
≤ 20	0.0071	-0.0035	-0.0110	-0.0140	-0.0129	-0.0124	-0.0112	-0.0093	-0.0069
21	0.0040	-0.0060	-0.0129	-0.0152	-0.0132	-0.0126	-0.0113	-0.0094	-0.0070
22	0.0006	-0.0090	-0.0154	-0.0170	-0.0143	-0.0133	-0.0118	-0.0098	-0.0074
23	-0.0031	-0.0125	-0.0185	-0.0196	-0.0163	-0.0148	-0.0128	-0.0106	-0.0080
24	-0.0070	-0.0161	-0.0219	-0.0227	-0.0190	-0.0171	-0.0146	-0.0118	-0.0089
25	-0.0109	-0.0199	-0.0255	-0.0262	-0.0222	-0.0200	-0.0170	-0.0136	-0.0100
26	-0.0148	-0.0237	-0.0292	-0.0298	-0.0256	-0.0232	-0.0198	-0.0158	-0.0116
27	-0.0184	-0.0272	-0.0327	-0.0333	-0.0291	-0.0266	-0.0229	-0.0185	-0.0137
28	-0.0217	-0.0305	-0.0359	-0.0366	-0.0325	-0.0300	-0.0261	-0.0213	-0.0160
29	-0.0246	-0.0333	-0.0388	-0.0396	-0.0358	-0.0333	-0.0293	-0.0242	-0.0184
30	-0.0269	-0.0356	-0.0412	-0.0422	-0.0388	-0.0364	-0.0323	-0.0270	-0.0210
31	-0.0286	-0.0374	-0.0431	-0.0444	-0.0415	-0.0392	-0.0351	-0.0297	-0.0234
32	-0.0295	-0.0385	-0.0445	-0.0462	-0.0439	-0.0417	-0.0376	-0.0321	-0.0257
33	-0.0297	-0.0390	-0.0453	-0.0475	-0.0458	-0.0438	-0.0398	-0.0343	-0.0278
34	-0.0290	-0.0387	-0.0455	-0.0483	-0.0473	-0.0455	-0.0416	-0.0361	-0.0296
35	-0.0275	-0.0375	-0.0449	-0.0483	-0.0481	-0.0466	-0.0429	-0.0376	-0.0311
36	-0.0252	-0.0356	-0.0434	-0.0475	-0.0481	-0.0470	-0.0436	-0.0385	-0.0322
37	-0.0221	-0.0327	-0.0410	-0.0458	-0.0473	-0.0466	-0.0437	-0.0389	-0.0328
38	-0.0184	-0.0291	-0.0377	-0.0432	-0.0456	-0.0454	-0.0429	-0.0386	-0.0329
39	-0.0142	-0.0249	-0.0337	-0.0397	-0.0430	-0.0433	-0.0414	-0.0376	-0.0324

## 2024 Adjusted Scale MP-2021 Rates - Males

Age	2013	2014	2015	2016	2017	2018	2019	2020	2021
40	-0.0097	-0.0201	-0.0290	-0.0354	-0.0396	-0.0404	-0.0390	-0.0359	-0.0313
41	-0.0052	-0.0152	-0.0239	-0.0307	-0.0355	-0.0367	-0.0359	-0.0335	-0.0296
42	-0.0008	-0.0102	-0.0187	-0.0256	-0.0309	-0.0324	-0.0322	-0.0304	-0.0274
43	0.0032	-0.0055	-0.0136	-0.0204	-0.0259	-0.0277	-0.0280	-0.0269	-0.0246
44	0.0066	-0.0013	-0.0088	-0.0153	-0.0208	-0.0227	-0.0234	-0.0230	-0.0214
45	0.0092	0.0023	-0.0045	-0.0105	-0.0157	-0.0177	-0.0187	-0.0188	-0.0179
46	0.0110	0.0050	-0.0009	-0.0062	-0.0109	-0.0129	-0.0141	-0.0146	-0.0143
47	0.0119	0.0069	0.0020	-0.0025	-0.0064	-0.0083	-0.0096	-0.0104	-0.0106
48	0.0121	0.0080	0.0040	0.0005	-0.0024	-0.0041	-0.0055	-0.0065	-0.0070
49	0.0114	0.0083	0.0053	0.0028	0.0009	-0.0006	-0.0018	-0.0029	-0.0037
50	0.0103	0.0079	0.0059	0.0044	0.0034	0.0023	0.0012	0.0002	-0.0007
51	0.0087	0.0070	0.0058	0.0052	0.0051	0.0044	0.0036	0.0027	0.0000
52	0.0068	0.0058	0.0052	0.0053	0.0059	0.0056	0.0052	0.0046	0.0000
53	0.0048	0.0042	0.0042	0.0049	0.0060	0.0061	0.0060	0.0058	0.0000
54	0.0027	0.0024	0.0028	0.0039	0.0054	0.0058	0.0062	0.0063	0.0000
55	0.0006	0.0005	0.0012	0.0025	0.0043	0.0050	0.0057	0.0063	0.0000
56	-0.0015	-0.0014	-0.0006	0.0008	0.0028	0.0037	0.0047	0.0057	0.0000
57	-0.0033	-0.0033	-0.0025	-0.0010	0.0011	0.0021	0.0034	0.0048	0.0000
58	-0.0048	-0.0050	-0.0043	-0.0028	-0.0007	0.0004	0.0019	0.0035	0.0000
59	-0.0059	-0.0064	-0.0058	-0.0043	-0.0023	-0.0012	0.0004	0.0022	0.0000

## 2024 Adjusted Scale MP-2021 Rates - Males

Age	2013	2014	2015	2016	2017	2018	2019	2020	2021
60	-0.0064	-0.0072	-0.0068	-0.0056	-0.0036	-0.0027	-0.0011	0.0009	0.0000
61	-0.0062	-0.0074	-0.0073	-0.0063	-0.0047	-0.0038	-0.0023	-0.0003	0.0000
62	-0.0052	-0.0068	-0.0072	-0.0065	-0.0052	-0.0046	-0.0033	-0.0013	0.0000
63	-0.0036	-0.0056	-0.0064	-0.0062	-0.0053	-0.0050	-0.0038	-0.0020	0.0000
64	-0.0016	-0.0038	-0.0050	-0.0053	-0.0049	-0.0048	-0.0039	-0.0024	-0.0003
65	0.0007	-0.0017	-0.0032	-0.0039	-0.0040	-0.0042	-0.0036	-0.0023	-0.0005
66	0.0031	0.0006	-0.0012	-0.0022	-0.0027	-0.0031	-0.0028	-0.0019	-0.0004
67	0.0052	0.0027	0.0009	-0.0003	-0.0010	-0.0016	-0.0016	-0.0010	0.0000
68	0.0071	0.0047	0.0029	0.0017	0.0009	0.0001	-0.0001	0.0001	0.0000
69	0.0085	0.0063	0.0047	0.0035	0.0028	0.0020	0.0015	0.0014	0.0000
70	0.0096	0.0076	0.0061	0.0052	0.0046	0.0038	0.0032	0.0029	0.0000
71	0.0103	0.0085	0.0073	0.0065	0.0061	0.0054	0.0048	0.0043	0.0000
72	0.0108	0.0091	0.0081	0.0075	0.0073	0.0068	0.0062	0.0057	0.0000
73	0.0110	0.0095	0.0086	0.0081	0.0081	0.0078	0.0073	0.0068	0.0000
74	0.0111	0.0096	0.0088	0.0085	0.0086	0.0084	0.0081	0.0077	0.0000
75	0.0111	0.0097	0.0089	0.0086	0.0087	0.0087	0.0085	0.0083	0.0000
76	0.0110	0.0096	0.0088	0.0085	0.0086	0.0087	0.0087	0.0086	0.0000
77	0.0108	0.0094	0.0086	0.0083	0.0084	0.0085	0.0087	0.0087	0.0000
78	0.0106	0.0093	0.0084	0.0080	0.0080	0.0082	0.0084	0.0086	0.0000
79	0.0104	0.0091	0.0082	0.0077	0.0076	0.0078	0.0081	0.0083	0.0000

## 2024 Adjusted Scale MP-2021 Rates - Males

<b>Age</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>80</b>	0.0102	0.0088	0.0079	0.0074	0.0071	0.0074	0.0077	0.0080	0.0000
<b>81</b>	0.0100	0.0086	0.0076	0.0070	0.0066	0.0069	0.0072	0.0076	0.0000
<b>82</b>	0.0097	0.0083	0.0073	0.0066	0.0061	0.0064	0.0067	0.0071	0.0000
<b>83</b>	0.0094	0.0081	0.0070	0.0062	0.0056	0.0059	0.0063	0.0067	0.0000
<b>84</b>	0.0091	0.0078	0.0067	0.0059	0.0052	0.0054	0.0058	0.0062	0.0000
<b>85</b>	0.0087	0.0074	0.0064	0.0055	0.0047	0.0050	0.0053	0.0057	0.0000
<b>86</b>	0.0084	0.0071	0.0061	0.0051	0.0043	0.0046	0.0049	0.0053	0.0000
<b>87</b>	0.0081	0.0069	0.0058	0.0048	0.0040	0.0042	0.0045	0.0049	0.0000
<b>88</b>	0.0078	0.0066	0.0055	0.0046	0.0037	0.0039	0.0042	0.0045	0.0000
<b>89</b>	0.0075	0.0064	0.0053	0.0044	0.0035	0.0036	0.0039	0.0042	0.0000
<b>90</b>	0.0073	0.0062	0.0052	0.0042	0.0034	0.0035	0.0037	0.0039	0.0000
<b>91</b>	0.0070	0.0060	0.0051	0.0042	0.0034	0.0034	0.0035	0.0037	0.0000
<b>92</b>	0.0069	0.0060	0.0051	0.0043	0.0035	0.0035	0.0035	0.0036	0.0000
<b>93</b>	0.0067	0.0060	0.0052	0.0045	0.0038	0.0037	0.0036	0.0036	0.0000
<b>94</b>	0.0066	0.0060	0.0054	0.0048	0.0042	0.0040	0.0038	0.0038	0.0000
<b>95</b>	0.0066	0.0062	0.0057	0.0052	0.0048	0.0045	0.0042	0.0040	0.0000
<b>96</b>	0.0062	0.0058	0.0054	0.0050	0.0045	0.0046	0.0043	0.0040	0.0000
<b>97</b>	0.0059	0.0055	0.0051	0.0047	0.0043	0.0044	0.0044	0.0041	0.0000
<b>98</b>	0.0056	0.0052	0.0049	0.0045	0.0041	0.0042	0.0042	0.0042	0.0000
<b>99</b>	0.0052	0.0049	0.0046	0.0042	0.0038	0.0039	0.0040	0.0040	0.0000

## 2024 Adjusted Scale MP-2021 Rates - Males

<b>Age</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>100</b>	0.0049	0.0046	0.0043	0.0039	0.0036	0.0037	0.0037	0.0037	0.0000
<b>101</b>	0.0046	0.0043	0.0040	0.0037	0.0033	0.0034	0.0035	0.0035	0.0000
<b>102</b>	0.0043	0.0040	0.0037	0.0034	0.0031	0.0032	0.0033	0.0033	0.0000
<b>103</b>	0.0039	0.0037	0.0034	0.0031	0.0029	0.0030	0.0030	0.0031	0.0000
<b>104</b>	0.0036	0.0034	0.0031	0.0029	0.0026	0.0027	0.0028	0.0028	0.0000
<b>105</b>	0.0033	0.0031	0.0029	0.0026	0.0024	0.0025	0.0026	0.0026	0.0000
<b>106</b>	0.0029	0.0028	0.0026	0.0024	0.0021	0.0022	0.0023	0.0024	0.0000
<b>107</b>	0.0026	0.0025	0.0023	0.0021	0.0019	0.0020	0.0021	0.0021	0.0000
<b>108</b>	0.0023	0.0022	0.0020	0.0018	0.0017	0.0018	0.0018	0.0019	0.0000
<b>109</b>	0.0020	0.0018	0.0017	0.0016	0.0014	0.0015	0.0016	0.0016	0.0000
<b>110</b>	0.0016	0.0015	0.0014	0.0013	0.0012	0.0013	0.0014	0.0014	0.0000
<b>111</b>	0.0013	0.0012	0.0011	0.0010	0.0010	0.0011	0.0011	0.0012	0.0000
<b>112</b>	0.0010	0.0009	0.0009	0.0008	0.0007	0.0008	0.0009	0.0009	0.0000
<b>113</b>	0.0007	0.0006	0.0006	0.0005	0.0005	0.0006	0.0007	0.0007	0.0000
<b>114</b>	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0004	0.0005	0.0000
<b>115</b>	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0002	0.0002	0.0000
<b>116</b>	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000
<b>117</b>	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
<b>118</b>	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>119</b>	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

# 2024 Adjusted Scale MP-2021 Rates - Males

Age	2013	2014	2015	2016	2017	2018	2019	2020	2021
120	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

## 2024 Adjusted Scale MP-2021 Rates - Males

Age	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
≤ 20	-0.0042	-0.0015	0.0000	0.0036	0.0055	0.0069	0.0078	0.0078	0.0078	0.0078
21	-0.0043	-0.0015	0.0000	0.0036	0.0055	0.0069	0.0078	0.0078	0.0078	0.0078
22	-0.0046	-0.0018	0.0000	0.0035	0.0055	0.0069	0.0078	0.0078	0.0078	0.0078
23	-0.0051	-0.0021	0.0000	0.0034	0.0055	0.0069	0.0078	0.0078	0.0078	0.0078
24	-0.0058	-0.0026	0.0000	0.0033	0.0055	0.0069	0.0078	0.0078	0.0078	0.0078
25	-0.0066	-0.0031	0.0000	0.0031	0.0054	0.0069	0.0078	0.0078	0.0078	0.0078
26	-0.0075	-0.0037	-0.0002	0.0029	0.0054	0.0069	0.0078	0.0078	0.0078	0.0078
27	-0.0089	-0.0045	-0.0006	0.0027	0.0053	0.0069	0.0078	0.0078	0.0078	0.0078
28	-0.0106	-0.0055	-0.0011	0.0025	0.0053	0.0069	0.0078	0.0078	0.0078	0.0078
29	-0.0125	-0.0069	-0.0018	0.0023	0.0052	0.0069	0.0078	0.0078	0.0078	0.0078
30	-0.0146	-0.0084	-0.0029	0.0018	0.0051	0.0069	0.0078	0.0078	0.0078	0.0078
31	-0.0167	-0.0102	-0.0041	0.0010	0.0047	0.0068	0.0078	0.0078	0.0078	0.0078
32	-0.0188	-0.0119	-0.0055	0.0000	0.0041	0.0065	0.0078	0.0078	0.0078	0.0078
33	-0.0208	-0.0136	-0.0069	-0.0011	0.0033	0.0060	0.0076	0.0078	0.0078	0.0078
34	-0.0225	-0.0152	-0.0084	-0.0023	0.0024	0.0054	0.0072	0.0078	0.0078	0.0078
35	-0.0239	-0.0167	-0.0097	-0.0035	0.0014	0.0046	0.0066	0.0078	0.0078	0.0078
36	-0.0251	-0.0178	-0.0109	-0.0046	0.0004	0.0037	0.0059	0.0078	0.0078	0.0078
37	-0.0259	-0.0188	-0.0118	-0.0056	-0.0006	0.0028	0.0052	0.0072	0.0078	0.0078
38	-0.0263	-0.0194	-0.0126	-0.0065	-0.0015	0.0020	0.0044	0.0066	0.0078	0.0078
39	-0.0263	-0.0197	-0.0132	-0.0073	-0.0023	0.0012	0.0037	0.0060	0.0078	0.0078



## 2024 Adjusted Scale MP-2021 Rates - Males

Age	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
40	-0.0257	-0.0197	-0.0135	-0.0078	-0.0030	0.0004	0.0030	0.0054	0.0075	0.0078
41	-0.0247	-0.0193	-0.0136	-0.0083	-0.0037	-0.0002	0.0024	0.0048	0.0070	0.0078
42	-0.0232	-0.0185	-0.0134	-0.0085	-0.0042	-0.0008	0.0018	0.0043	0.0066	0.0078
43	-0.0213	-0.0173	-0.0129	-0.0085	-0.0045	-0.0013	0.0013	0.0038	0.0061	0.0078
44	-0.0189	-0.0157	-0.0120	-0.0082	-0.0047	-0.0017	0.0009	0.0034	0.0058	0.0078
45	-0.0162	-0.0138	-0.0109	-0.0077	-0.0046	-0.0019	0.0006	0.0031	0.0054	0.0076
46	-0.0133	-0.0116	-0.0094	-0.0069	-0.0043	-0.0019	0.0004	0.0028	0.0051	0.0073
47	-0.0102	-0.0092	-0.0077	-0.0058	-0.0038	-0.0017	0.0004	0.0027	0.0049	0.0071
48	-0.0071	-0.0067	-0.0058	-0.0045	-0.0030	-0.0013	0.0006	0.0027	0.0048	0.0069
49	-0.0042	-0.0042	-0.0038	-0.0030	-0.0019	-0.0006	0.0009	0.0028	0.0048	0.0069
50	-0.0014	-0.0018	-0.0018	-0.0014	-0.0007	0.0002	0.0015	0.0031	0.0049	0.0068
51	0.0000	0.0000	0.0000	0.0003	0.0006	0.0013	0.0022	0.0036	0.0052	0.0069
52	0.0000	0.0000	0.0000	0.0019	0.0020	0.0024	0.0031	0.0042	0.0055	0.0071
53	0.0000	0.0000	0.0000	0.0036	0.0035	0.0036	0.0041	0.0049	0.0060	0.0074
54	0.0000	0.0000	0.0000	0.0051	0.0049	0.0049	0.0051	0.0057	0.0066	0.0078
55	0.0000	0.0000	0.0000	0.0065	0.0062	0.0061	0.0061	0.0065	0.0073	0.0078
56	0.0000	0.0000	0.0000	0.0076	0.0075	0.0073	0.0072	0.0074	0.0078	0.0078
57	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
58	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
59	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078

## 2024 Adjusted Scale MP-2021 Rates - Males

Age	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
60	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
61	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
62	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
63	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
64	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
65	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
66	0.0000	0.0000	0.0000	0.0074	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
67	0.0000	0.0000	0.0000	0.0069	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
68	0.0000	0.0000	0.0000	0.0065	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
69	0.0000	0.0000	0.0000	0.0061	0.0074	0.0078	0.0078	0.0078	0.0078	0.0078
70	0.0000	0.0000	0.0000	0.0059	0.0070	0.0078	0.0078	0.0078	0.0078	0.0078
71	0.0000	0.0000	0.0000	0.0058	0.0067	0.0076	0.0078	0.0078	0.0078	0.0078
72	0.0000	0.0000	0.0000	0.0058	0.0065	0.0073	0.0078	0.0078	0.0078	0.0078
73	0.0000	0.0000	0.0000	0.0060	0.0065	0.0071	0.0078	0.0078	0.0078	0.0078
74	0.0000	0.0000	0.0000	0.0063	0.0066	0.0070	0.0075	0.0078	0.0078	0.0078
75	0.0000	0.0000	0.0000	0.0067	0.0068	0.0070	0.0074	0.0078	0.0078	0.0078
76	0.0000	0.0000	0.0000	0.0072	0.0071	0.0072	0.0074	0.0078	0.0078	0.0078
77	0.0000	0.0000	0.0000	0.0076	0.0075	0.0074	0.0075	0.0078	0.0078	0.0078
78	0.0000	0.0000	0.0000	0.0078	0.0078	0.0077	0.0076	0.0078	0.0078	0.0078
79	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078

## 2024 Adjusted Scale MP-2021 Rates - Males

Age	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
80	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
81	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
82	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
83	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0077	0.0078
84	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0077	0.0076	0.0075	0.0075
85	0.0000	0.0000	0.0000	0.0075	0.0076	0.0075	0.0074	0.0074	0.0073	0.0073
86	0.0000	0.0000	0.0000	0.0071	0.0072	0.0072	0.0071	0.0071	0.0070	0.0070
87	0.0000	0.0000	0.0000	0.0067	0.0068	0.0069	0.0068	0.0067	0.0067	0.0067
88	0.0000	0.0000	0.0000	0.0063	0.0064	0.0065	0.0064	0.0064	0.0063	0.0063
89	0.0000	0.0000	0.0000	0.0059	0.0060	0.0061	0.0061	0.0060	0.0060	0.0059
90	0.0000	0.0000	0.0000	0.0054	0.0056	0.0057	0.0057	0.0057	0.0056	0.0056
91	0.0000	0.0000	0.0000	0.0050	0.0052	0.0053	0.0053	0.0053	0.0053	0.0052
92	0.0000	0.0000	0.0000	0.0047	0.0048	0.0049	0.0049	0.0049	0.0049	0.0049
93	0.0000	0.0000	0.0000	0.0043	0.0044	0.0045	0.0045	0.0045	0.0045	0.0045
94	0.0000	0.0000	0.0000	0.0039	0.0040	0.0041	0.0041	0.0041	0.0042	0.0042
95	0.0000	0.0000	0.0000	0.0036	0.0036	0.0037	0.0037	0.0038	0.0038	0.0038
96	0.0000	0.0000	0.0000	0.0034	0.0034	0.0034	0.0035	0.0035	0.0036	0.0036
97	0.0000	0.0000	0.0000	0.0032	0.0032	0.0032	0.0032	0.0033	0.0033	0.0033
98	0.0000	0.0000	0.0000	0.0030	0.0030	0.0030	0.0030	0.0030	0.0031	0.0031
99	0.0000	0.0000	0.0000	0.0029	0.0028	0.0028	0.0028	0.0028	0.0029	0.0029

## 2024 Adjusted Scale MP-2021 Rates - Males

<b>Age</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>2031</b>
<b>100</b>	0.0000	0.0000	0.0000	0.0028	0.0027	0.0026	0.0026	0.0026	0.0026	0.0027
<b>101</b>	0.0000	0.0000	0.0000	0.0027	0.0026	0.0024	0.0024	0.0024	0.0024	0.0025
<b>102</b>	0.0000	0.0000	0.0000	0.0027	0.0025	0.0023	0.0023	0.0022	0.0022	0.0022
<b>103</b>	0.0000	0.0000	0.0000	0.0028	0.0025	0.0023	0.0021	0.0021	0.0020	0.0020
<b>104</b>	0.0000	0.0000	0.0000	0.0026	0.0025	0.0022	0.0020	0.0019	0.0019	0.0019
<b>105</b>	0.0000	0.0000	0.0000	0.0024	0.0023	0.0022	0.0020	0.0018	0.0017	0.0017
<b>106</b>	0.0000	0.0000	0.0000	0.0022	0.0021	0.0020	0.0019	0.0017	0.0016	0.0015
<b>107</b>	0.0000	0.0000	0.0000	0.0021	0.0020	0.0019	0.0018	0.0016	0.0015	0.0014
<b>108</b>	0.0000	0.0000	0.0000	0.0019	0.0018	0.0017	0.0016	0.0015	0.0014	0.0012
<b>109</b>	0.0000	0.0000	0.0000	0.0016	0.0016	0.0016	0.0015	0.0014	0.0012	0.0011
<b>110</b>	0.0000	0.0000	0.0000	0.0014	0.0014	0.0014	0.0013	0.0012	0.0011	0.0010
<b>111</b>	0.0000	0.0000	0.0000	0.0012	0.0012	0.0012	0.0012	0.0011	0.0010	0.0009
<b>112</b>	0.0000	0.0000	0.0000	0.0010	0.0010	0.0009	0.0009	0.0009	0.0008	0.0007
<b>113</b>	0.0000	0.0000	0.0000	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0006
<b>114</b>	0.0000	0.0000	0.0000	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
<b>115</b>	0.0000	0.0000	0.0000	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
<b>116</b>	0.0000	0.0000	0.0000	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
<b>117</b>	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
<b>118</b>	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
<b>119</b>	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

# 2024 Adjusted Scale MP-2021 Rates - Males

Age	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
120	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

## 2024 Adjusted Scale MP-2021 Rates - Males

Age	2032	2033	2034	2035	2036	2037+
≤ 20	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
21	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
22	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
23	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
24	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
25	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
26	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
27	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
28	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
29	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
30	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
31	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
32	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
33	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
34	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
35	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
36	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
37	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
38	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
39	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078

# 2024 Adjusted Scale MP-2021 Rates - Males

Age	2032	2033	2034	2035	2036	2037+
40	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
41	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
42	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
43	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
44	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
45	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
46	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
47	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
48	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
49	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
50	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
51	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
52	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
53	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
54	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
55	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
56	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
57	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
58	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
59	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078

# 2024 Adjusted Scale MP-2021 Rates - Males

Age	2032	2033	2034	2035	2036	2037+
60	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
61	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
62	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
63	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
64	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
65	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
66	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
67	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
68	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
69	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
70	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
71	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
72	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
73	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
74	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
75	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
76	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
77	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
78	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
79	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078



## 2024 Adjusted Scale MP-2021 Rates - Males

<b>Age</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>	<b>2035</b>	<b>2036</b>	<b>2037+</b>
<b>80</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>81</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>82</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>83</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>84</b>	0.0077	0.0078	0.0078	0.0078	0.0078	0.0078
<b>85</b>	0.0074	0.0075	0.0078	0.0078	0.0078	0.0078
<b>86</b>	0.0071	0.0072	0.0074	0.0076	0.0078	0.0078
<b>87</b>	0.0067	0.0068	0.0070	0.0072	0.0075	0.0077
<b>88</b>	0.0063	0.0064	0.0066	0.0068	0.0070	0.0073
<b>89</b>	0.0060	0.0060	0.0062	0.0063	0.0066	0.0068
<b>90</b>	0.0055	0.0056	0.0057	0.0059	0.0061	0.0063
<b>91</b>	0.0052	0.0052	0.0053	0.0054	0.0056	0.0059
<b>92</b>	0.0049	0.0049	0.0048	0.0050	0.0052	0.0054
<b>93</b>	0.0045	0.0045	0.0045	0.0045	0.0047	0.0049
<b>94</b>	0.0042	0.0042	0.0042	0.0042	0.0043	0.0045
<b>95</b>	0.0038	0.0038	0.0038	0.0039	0.0039	0.0040
<b>96</b>	0.0036	0.0036	0.0036	0.0037	0.0037	0.0038
<b>97</b>	0.0034	0.0034	0.0034	0.0035	0.0035	0.0036
<b>98</b>	0.0032	0.0032	0.0032	0.0033	0.0033	0.0034
<b>99</b>	0.0029	0.0030	0.0030	0.0031	0.0031	0.0032

## 2024 Adjusted Scale MP-2021 Rates - Males

<b>Age</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>	<b>2035</b>	<b>2036</b>	<b>2037+</b>
<b>100</b>	0.0027	0.0028	0.0028	0.0028	0.0029	0.0030
<b>101</b>	0.0025	0.0025	0.0026	0.0026	0.0027	0.0028
<b>102</b>	0.0023	0.0023	0.0024	0.0024	0.0025	0.0026
<b>103</b>	0.0021	0.0021	0.0022	0.0022	0.0023	0.0024
<b>104</b>	0.0019	0.0019	0.0020	0.0020	0.0021	0.0022
<b>105</b>	0.0017	0.0017	0.0018	0.0018	0.0019	0.0020
<b>106</b>	0.0015	0.0015	0.0016	0.0016	0.0017	0.0018
<b>107</b>	0.0013	0.0013	0.0014	0.0014	0.0015	0.0016
<b>108</b>	0.0012	0.0012	0.0012	0.0012	0.0013	0.0014
<b>109</b>	0.0010	0.0010	0.0010	0.0010	0.0011	0.0012
<b>110</b>	0.0009	0.0008	0.0008	0.0008	0.0009	0.0010
<b>111</b>	0.0008	0.0006	0.0006	0.0006	0.0007	0.0008
<b>112</b>	0.0006	0.0005	0.0004	0.0005	0.0005	0.0006
<b>113</b>	0.0005	0.0004	0.0003	0.0003	0.0003	0.0004
<b>114</b>	0.0004	0.0003	0.0002	0.0002	0.0001	0.0002
<b>115</b>	0.0003	0.0002	0.0001	0.0001	0.0000	0.0000
<b>116</b>	0.0002	0.0002	0.0001	0.0001	0.0000	0.0000
<b>117</b>	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000
<b>118</b>	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000
<b>119</b>	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

## 2024 Adjusted Scale MP-2021 Rates - Males

Age	2032	2033	2034	2035	2036	2037+
120	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

## 2024 Adjusted Scale MP-2021 Rates - Females

Age	2013	2014	2015	2016	2017	2018	2019	2020	2021
≤ 20	-0.0003	-0.0088	-0.0146	-0.0167	-0.0154	-0.0149	-0.0135	-0.0114	-0.0088
21	-0.0035	-0.0112	-0.0165	-0.0182	-0.0166	-0.0155	-0.0140	-0.0119	-0.0092
22	-0.0066	-0.0138	-0.0186	-0.0200	-0.0181	-0.0168	-0.0147	-0.0124	-0.0097
23	-0.0097	-0.0165	-0.0209	-0.0220	-0.0198	-0.0184	-0.0161	-0.0131	-0.0102
24	-0.0128	-0.0192	-0.0234	-0.0242	-0.0217	-0.0201	-0.0176	-0.0144	-0.0108
25	-0.0158	-0.0219	-0.0259	-0.0266	-0.0238	-0.0221	-0.0194	-0.0160	-0.0121
26	-0.0185	-0.0246	-0.0285	-0.0290	-0.0261	-0.0242	-0.0213	-0.0176	-0.0135
27	-0.0209	-0.0270	-0.0309	-0.0315	-0.0285	-0.0266	-0.0234	-0.0195	-0.0150
28	-0.0230	-0.0292	-0.0332	-0.0339	-0.0310	-0.0290	-0.0257	-0.0215	-0.0167
29	-0.0247	-0.0310	-0.0352	-0.0361	-0.0334	-0.0314	-0.0279	-0.0235	-0.0184
30	-0.0259	-0.0323	-0.0368	-0.0379	-0.0355	-0.0336	-0.0301	-0.0254	-0.0201
31	-0.0266	-0.0332	-0.0378	-0.0391	-0.0372	-0.0354	-0.0320	-0.0273	-0.0217
32	-0.0268	-0.0334	-0.0382	-0.0397	-0.0382	-0.0368	-0.0335	-0.0288	-0.0232
33	-0.0264	-0.0331	-0.0378	-0.0396	-0.0385	-0.0374	-0.0344	-0.0299	-0.0243
34	-0.0254	-0.0320	-0.0367	-0.0386	-0.0379	-0.0373	-0.0346	-0.0304	-0.0251
35	-0.0237	-0.0303	-0.0349	-0.0369	-0.0365	-0.0363	-0.0341	-0.0304	-0.0254
36	-0.0214	-0.0279	-0.0323	-0.0344	-0.0342	-0.0345	-0.0329	-0.0296	-0.0251
37	-0.0185	-0.0248	-0.0292	-0.0313	-0.0313	-0.0319	-0.0308	-0.0282	-0.0243
38	-0.0151	-0.0213	-0.0255	-0.0275	-0.0277	-0.0287	-0.0281	-0.0261	-0.0229
39	-0.0114	-0.0174	-0.0214	-0.0234	-0.0236	-0.0250	-0.0249	-0.0235	-0.0209

## 2024 Adjusted Scale MP-2021 Rates - Females

Age	2013	2014	2015	2016	2017	2018	2019	2020	2021
40	-0.0075	-0.0132	-0.0170	-0.0190	-0.0193	-0.0208	-0.0212	-0.0204	-0.0185
41	-0.0037	-0.0090	-0.0126	-0.0144	-0.0148	-0.0165	-0.0172	-0.0169	-0.0157
42	-0.0002	-0.0050	-0.0083	-0.0100	-0.0103	-0.0121	-0.0131	-0.0133	-0.0127
43	0.0029	-0.0013	-0.0042	-0.0057	-0.0060	-0.0078	-0.0090	-0.0095	-0.0094
44	0.0054	0.0018	-0.0006	-0.0018	-0.0020	-0.0037	-0.0050	-0.0059	-0.0062
45	0.0071	0.0043	0.0024	0.0015	0.0016	0.0000	-0.0013	-0.0023	-0.0030
46	0.0080	0.0059	0.0046	0.0043	0.0048	0.0034	0.0021	0.0009	0.0000
47	0.0079	0.0067	0.0061	0.0064	0.0075	0.0063	0.0050	0.0039	0.0000
48	0.0070	0.0065	0.0067	0.0078	0.0096	0.0086	0.0075	0.0064	0.0000
49	0.0054	0.0055	0.0065	0.0083	0.0109	0.0103	0.0094	0.0084	0.0000
50	0.0031	0.0038	0.0055	0.0081	0.0116	0.0113	0.0107	0.0099	0.0000
51	0.0005	0.0016	0.0038	0.0072	0.0114	0.0115	0.0113	0.0108	0.0000
52	-0.0023	-0.0010	0.0017	0.0056	0.0105	0.0110	0.0112	0.0111	0.0000
53	-0.0050	-0.0037	-0.0008	0.0035	0.0088	0.0097	0.0104	0.0107	0.0000
54	-0.0074	-0.0062	-0.0033	0.0011	0.0066	0.0078	0.0089	0.0098	0.0000
55	-0.0092	-0.0084	-0.0057	-0.0014	0.0040	0.0054	0.0069	0.0083	0.0000
56	-0.0102	-0.0099	-0.0077	-0.0038	0.0012	0.0028	0.0046	0.0064	0.0000
57	-0.0104	-0.0107	-0.0092	-0.0059	-0.0014	0.0002	0.0022	0.0044	0.0000
58	-0.0096	-0.0107	-0.0099	-0.0074	-0.0037	-0.0022	-0.0002	0.0022	0.0000
59	-0.0081	-0.0099	-0.0098	-0.0081	-0.0053	-0.0042	-0.0022	0.0003	0.0000

## 2024 Adjusted Scale MP-2021 Rates - Females

Age	2013	2014	2015	2016	2017	2018	2019	2020	2021
60	-0.0059	-0.0083	-0.0090	-0.0081	-0.0061	-0.0054	-0.0037	-0.0013	0.0000
61	-0.0033	-0.0061	-0.0073	-0.0072	-0.0061	-0.0058	-0.0044	-0.0023	0.0000
62	-0.0004	-0.0034	-0.0051	-0.0055	-0.0051	-0.0053	-0.0044	-0.0027	-0.0003
63	0.0024	-0.0005	-0.0024	-0.0033	-0.0034	-0.0040	-0.0036	-0.0024	-0.0005
64	0.0051	0.0024	0.0005	-0.0006	-0.0011	-0.0020	-0.0022	-0.0015	-0.0002
65	0.0074	0.0050	0.0032	0.0021	0.0015	0.0004	-0.0002	-0.0001	0.0000
66	0.0093	0.0072	0.0057	0.0047	0.0042	0.0030	0.0021	0.0017	0.0000
67	0.0107	0.0089	0.0077	0.0069	0.0066	0.0055	0.0045	0.0037	0.0000
68	0.0115	0.0101	0.0091	0.0087	0.0087	0.0077	0.0067	0.0057	0.0000
69	0.0119	0.0107	0.0101	0.0099	0.0103	0.0095	0.0086	0.0076	0.0000
70	0.0119	0.0109	0.0105	0.0107	0.0113	0.0108	0.0100	0.0091	0.0000
71	0.0117	0.0108	0.0106	0.0110	0.0118	0.0115	0.0110	0.0102	0.0000
72	0.0113	0.0105	0.0104	0.0109	0.0118	0.0118	0.0115	0.0110	0.0000
73	0.0108	0.0101	0.0100	0.0105	0.0115	0.0117	0.0116	0.0113	0.0000
74	0.0103	0.0095	0.0094	0.0100	0.0110	0.0112	0.0114	0.0113	0.0000
75	0.0097	0.0089	0.0088	0.0093	0.0102	0.0106	0.0109	0.0110	0.0000
76	0.0090	0.0083	0.0082	0.0086	0.0094	0.0099	0.0102	0.0105	0.0000
77	0.0084	0.0077	0.0075	0.0079	0.0086	0.0090	0.0095	0.0099	0.0000
78	0.0078	0.0070	0.0068	0.0071	0.0078	0.0082	0.0087	0.0092	0.0000
79	0.0071	0.0064	0.0062	0.0064	0.0070	0.0075	0.0080	0.0085	0.0000

## 2024 Adjusted Scale MP-2021 Rates - Females

<b>Age</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>80</b>	0.0066	0.0058	0.0056	0.0057	0.0063	0.0067	0.0072	0.0078	0.0000
<b>81</b>	0.0062	0.0053	0.0050	0.0051	0.0055	0.0060	0.0065	0.0071	0.0000
<b>82</b>	0.0058	0.0049	0.0045	0.0046	0.0049	0.0053	0.0058	0.0064	0.0000
<b>83</b>	0.0056	0.0047	0.0042	0.0041	0.0042	0.0046	0.0051	0.0057	0.0000
<b>84</b>	0.0054	0.0045	0.0039	0.0036	0.0036	0.0040	0.0045	0.0051	0.0000
<b>85</b>	0.0054	0.0043	0.0036	0.0032	0.0031	0.0034	0.0039	0.0045	0.0000
<b>86</b>	0.0054	0.0043	0.0035	0.0029	0.0026	0.0029	0.0034	0.0040	0.0000
<b>87</b>	0.0054	0.0043	0.0034	0.0027	0.0022	0.0025	0.0029	0.0035	0.0000
<b>88</b>	0.0055	0.0043	0.0033	0.0025	0.0019	0.0021	0.0025	0.0030	0.0000
<b>89</b>	0.0055	0.0043	0.0033	0.0025	0.0017	0.0019	0.0022	0.0027	0.0000
<b>90</b>	0.0056	0.0044	0.0034	0.0025	0.0017	0.0018	0.0020	0.0024	0.0000
<b>91</b>	0.0056	0.0045	0.0035	0.0025	0.0017	0.0018	0.0019	0.0023	0.0000
<b>92</b>	0.0056	0.0046	0.0036	0.0027	0.0019	0.0019	0.0020	0.0022	0.0000
<b>93</b>	0.0056	0.0047	0.0038	0.0030	0.0022	0.0021	0.0021	0.0022	0.0000
<b>94</b>	0.0056	0.0048	0.0041	0.0034	0.0027	0.0025	0.0024	0.0024	0.0000
<b>95</b>	0.0056	0.0050	0.0044	0.0038	0.0033	0.0030	0.0028	0.0026	0.0000
<b>96</b>	0.0053	0.0048	0.0042	0.0036	0.0031	0.0032	0.0029	0.0027	0.0000
<b>97</b>	0.0051	0.0045	0.0040	0.0034	0.0029	0.0030	0.0031	0.0028	0.0000
<b>98</b>	0.0048	0.0043	0.0037	0.0032	0.0028	0.0028	0.0029	0.0030	0.0000
<b>99</b>	0.0045	0.0040	0.0035	0.0031	0.0026	0.0027	0.0028	0.0028	0.0000







## 2024 Adjusted Scale MP-2021 Rates - Females

Age	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
≤ 20	-0.0059	-0.0029	0.0000	0.0026	0.0048	0.0063	0.0074	0.0078	0.0078	0.0078
21	-0.0062	-0.0031	-0.0001	0.0026	0.0048	0.0063	0.0074	0.0078	0.0078	0.0078
22	-0.0066	-0.0034	-0.0003	0.0025	0.0048	0.0063	0.0074	0.0078	0.0078	0.0078
23	-0.0070	-0.0037	-0.0005	0.0024	0.0047	0.0063	0.0074	0.0078	0.0078	0.0078
24	-0.0075	-0.0040	-0.0007	0.0023	0.0047	0.0063	0.0074	0.0078	0.0078	0.0078
25	-0.0080	-0.0044	-0.0009	0.0022	0.0047	0.0063	0.0074	0.0078	0.0078	0.0078
26	-0.0091	-0.0048	-0.0011	0.0021	0.0046	0.0063	0.0074	0.0078	0.0078	0.0078
27	-0.0103	-0.0057	-0.0014	0.0020	0.0046	0.0063	0.0074	0.0078	0.0078	0.0078
28	-0.0117	-0.0067	-0.0021	0.0018	0.0046	0.0063	0.0074	0.0078	0.0078	0.0078
29	-0.0131	-0.0078	-0.0029	0.0013	0.0045	0.0063	0.0074	0.0078	0.0078	0.0078
30	-0.0145	-0.0089	-0.0037	0.0007	0.0042	0.0063	0.0074	0.0078	0.0078	0.0078
31	-0.0159	-0.0100	-0.0046	0.0001	0.0037	0.0060	0.0074	0.0078	0.0078	0.0078
32	-0.0171	-0.0111	-0.0055	-0.0006	0.0032	0.0056	0.0071	0.0078	0.0078	0.0078
33	-0.0183	-0.0121	-0.0063	-0.0013	0.0027	0.0052	0.0068	0.0078	0.0078	0.0078
34	-0.0191	-0.0130	-0.0071	-0.0020	0.0021	0.0047	0.0064	0.0078	0.0078	0.0078
35	-0.0197	-0.0137	-0.0079	-0.0027	0.0014	0.0042	0.0060	0.0076	0.0078	0.0078
36	-0.0198	-0.0141	-0.0085	-0.0034	0.0008	0.0036	0.0056	0.0073	0.0078	0.0078
37	-0.0195	-0.0142	-0.0089	-0.0040	0.0001	0.0030	0.0051	0.0069	0.0078	0.0078
38	-0.0187	-0.0140	-0.0091	-0.0045	-0.0006	0.0024	0.0046	0.0065	0.0078	0.0078
39	-0.0175	-0.0134	-0.0091	-0.0048	-0.0011	0.0018	0.0040	0.0061	0.0078	0.0078





## 2024 Adjusted Scale MP-2021 Rates - Females

Age	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
80	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
81	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
82	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
83	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
84	0.0000	0.0000	0.0000	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
85	0.0000	0.0000	0.0000	0.0075	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
86	0.0000	0.0000	0.0000	0.0069	0.0073	0.0074	0.0074	0.0075	0.0075	0.0075
87	0.0000	0.0000	0.0000	0.0064	0.0068	0.0069	0.0070	0.0070	0.0070	0.0070
88	0.0000	0.0000	0.0000	0.0059	0.0063	0.0064	0.0065	0.0065	0.0065	0.0066
89	0.0000	0.0000	0.0000	0.0054	0.0058	0.0060	0.0060	0.0061	0.0061	0.0061
90	0.0000	0.0000	0.0000	0.0050	0.0053	0.0055	0.0056	0.0056	0.0057	0.0057
91	0.0000	0.0000	0.0000	0.0045	0.0048	0.0050	0.0051	0.0052	0.0053	0.0053
92	0.0000	0.0000	0.0000	0.0041	0.0044	0.0046	0.0047	0.0048	0.0048	0.0049
93	0.0000	0.0000	0.0000	0.0037	0.0039	0.0041	0.0042	0.0044	0.0044	0.0045
94	0.0000	0.0000	0.0000	0.0033	0.0035	0.0037	0.0038	0.0039	0.0040	0.0041
95	0.0000	0.0000	0.0000	0.0030	0.0031	0.0033	0.0034	0.0035	0.0036	0.0037
96	0.0000	0.0000	0.0000	0.0027	0.0029	0.0030	0.0031	0.0032	0.0034	0.0034
97	0.0000	0.0000	0.0000	0.0025	0.0026	0.0028	0.0029	0.0030	0.0031	0.0032
98	0.0000	0.0000	0.0000	0.0024	0.0024	0.0025	0.0026	0.0027	0.0029	0.0030
99	0.0000	0.0000	0.0000	0.0023	0.0023	0.0023	0.0024	0.0025	0.0026	0.0027





## 2024 Adjusted Scale MP-2021 Rates - Females

<b>Age</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>	<b>2035</b>	<b>2036</b>	<b>2037+</b>
<b>≤ 20</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>21</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>22</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>23</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>24</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>25</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>26</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>27</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>28</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>29</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>30</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>31</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>32</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>33</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>34</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>35</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>36</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>37</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>38</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>39</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078



## 2024 Adjusted Scale MP-2021 Rates - Females

<b>Age</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>	<b>2035</b>	<b>2036</b>	<b>2037+</b>
<b>40</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>41</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>42</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>43</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>44</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>45</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>46</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>47</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>48</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>49</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>50</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>51</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>52</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>53</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>54</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>55</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>56</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>57</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>58</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>59</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078

## 2024 Adjusted Scale MP-2021 Rates - Females

<b>Age</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>	<b>2035</b>	<b>2036</b>	<b>2037+</b>
<b>60</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>61</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>62</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>63</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>64</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>65</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>66</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>67</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>68</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>69</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>70</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>71</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>72</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>73</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>74</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>75</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>76</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>77</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>78</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>79</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078

# 2024 Adjusted Scale MP-2021 Rates - Females

<b>Age</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>	<b>2035</b>	<b>2036</b>	<b>2037+</b>
<b>80</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>81</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>82</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>83</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>84</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>85</b>	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
<b>86</b>	0.0075	0.0075	0.0076	0.0078	0.0078	0.0078
<b>87</b>	0.0071	0.0071	0.0072	0.0073	0.0075	0.0077
<b>88</b>	0.0066	0.0067	0.0067	0.0069	0.0070	0.0073
<b>89</b>	0.0061	0.0062	0.0063	0.0064	0.0066	0.0068
<b>90</b>	0.0057	0.0057	0.0058	0.0060	0.0061	0.0063
<b>91</b>	0.0053	0.0053	0.0054	0.0055	0.0057	0.0059
<b>92</b>	0.0049	0.0049	0.0049	0.0050	0.0052	0.0054
<b>93</b>	0.0045	0.0045	0.0045	0.0046	0.0047	0.0049
<b>94</b>	0.0041	0.0042	0.0042	0.0042	0.0043	0.0045
<b>95</b>	0.0038	0.0038	0.0038	0.0039	0.0039	0.0040
<b>96</b>	0.0035	0.0036	0.0036	0.0037	0.0037	0.0038
<b>97</b>	0.0033	0.0033	0.0034	0.0035	0.0035	0.0036
<b>98</b>	0.0030	0.0031	0.0032	0.0032	0.0033	0.0034
<b>99</b>	0.0028	0.0029	0.0030	0.0030	0.0031	0.0032

## 2024 Adjusted Scale MP-2021 Rates - Females

<b>Age</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>	<b>2035</b>	<b>2036</b>	<b>2037+</b>
<b>100</b>	0.0026	0.0027	0.0028	0.0028	0.0029	0.0030
<b>101</b>	0.0024	0.0025	0.0025	0.0026	0.0027	0.0028
<b>102</b>	0.0021	0.0022	0.0023	0.0024	0.0025	0.0026
<b>103</b>	0.0019	0.0020	0.0021	0.0022	0.0023	0.0024
<b>104</b>	0.0017	0.0018	0.0019	0.0020	0.0021	0.0022
<b>105</b>	0.0016	0.0016	0.0017	0.0018	0.0019	0.0020
<b>106</b>	0.0014	0.0014	0.0015	0.0016	0.0017	0.0018
<b>107</b>	0.0012	0.0012	0.0013	0.0014	0.0015	0.0016
<b>108</b>	0.0010	0.0011	0.0011	0.0012	0.0013	0.0014
<b>109</b>	0.0009	0.0009	0.0009	0.0010	0.0011	0.0012
<b>110</b>	0.0008	0.0007	0.0008	0.0008	0.0009	0.0010
<b>111</b>	0.0006	0.0006	0.0006	0.0006	0.0007	0.0008
<b>112</b>	0.0005	0.0005	0.0004	0.0004	0.0005	0.0006
<b>113</b>	0.0004	0.0004	0.0003	0.0002	0.0003	0.0004
<b>114</b>	0.0003	0.0002	0.0002	0.0001	0.0001	0.0002
<b>115</b>	0.0002	0.0001	0.0001	0.0000	0.0000	0.0000
<b>116</b>	0.0001	0.0001	0.0001	0.0000	0.0000	0.0000
<b>117</b>	0.0001	0.0001	0.0001	0.0000	0.0000	0.0000
<b>118</b>	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>119</b>	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

## 2024 Adjusted Scale MP-2021 Rates - Females

Age	2032	2033	2034	2035	2036	2037+
120	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000