

Treasury Regulation 1.401(a)(9)-9

Life expectancy and Uniform Lifetime tables

- (a) *In general.* This section specifies the life expectancy and Uniform Lifetime tables that apply for purposes of determining required minimum distributions under section 401(a)(9). Paragraphs (b), (c), and (d) of this section set forth these tables. Paragraph (e) of this section provides the mortality rates that are used to develop these tables. Paragraph (f) of this section provides applicability date rules.
- (b) *Single Life Table.* The following table, referred to as the Single Life Table, sets forth the life expectancy of an individual at each age.

Table 1 to Paragraph (b)

<i>Age</i>	<i>Life expectancy</i>
0	84.6
1	83.7
2	82.8
3	81.8
4	80.8
5	79.8
6	78.8
7	77.9
8	76.9
9	75.9
10	74.9
11	73.9
12	72.9
13	71.9
14	70.9
15	69.9

16	69.0
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17	68.0
18	67.0
19	66.0
20	65.0
21	64.1
22	63.1
23	62.1
24	61.1
25	60.2
26	59.2
27	58.2
28	57.3
29	56.3
30	55.3
31	54.4
32	53.4
33	52.5
34	51.5
35	50.5
36	49.6
37	48.6
38	47.7
39	46.7
40	45.7

41	44.8
42	43.8

43	42.9
44	41.9
45	41.0
46	40.0
47	39.0
48	38.1
49	37.1
50	36.2
51	35.3
52	34.3
53	33.4
54	32.5
55	31.6
56	30.6
57	29.8
58	28.9
59	28.0
60	27.1
61	26.2
62	25.4
63	24.5
64	23.7
65	22.9

66	22.0
67	21.2
68	20.4

69	19.6
70	18.8
71	18.0
72	17.2
73	16.4
74	15.6
75	14.8
76	14.1
77	13.3
78	12.6
79	11.9
80	11.2
81	10.5
82	9.9
83	9.3
84	8.7
85	8.1
86	7.6
87	7.1
88	6.6
89	6.1
90	5.7

91	5.3
92	4.9
93	4.6
94	4.3

95	4.0
96	3.7
97	3.4
98	3.2
99	3.0
100	2.8
101	2.6
102	2.5
103	2.3
104	2.2
105	2.1
106	2.1
107	2.1
108	2.0
109	2.0
110	2.0
111	2.0
112	2.0
113	1.9
114	1.9
115	1.8

116	1.8
117	1.6
118	1.4
119	1.1
120 +	1.0

(c) *Uniform Lifetime Table*. The following table, referred to as the Uniform Lifetime Table, sets forth the applicable denominator that applies for lifetime distributions to an employee in situations in which the employee's surviving spouse is not the sole designated beneficiary. This table is also used if the employee's surviving spouse is the sole designated beneficiary but is not more than 10 years younger than the employee.

Table 2 to Paragraph (c)

<i>Age of employee</i>	<i>Applicable Denominator</i>
72	27.4
73	26.5
74	25.5
75	24.6
76	23.7
77	22.9
78	22.0
79	21.1
80	20.2
81	19.4
82	18.5
83	17.7
84	16.8
85	16.0
86	15.2
87	14.4
88	13.7
89	12.9
90	12.2

91	11.5
92	10.8
93	10.1
94	9.5
95	8.9
96	8.4
97	7.8
98	7.3
99	6.8
100	6.4
101	6.0
102	5.6
103	5.2
104	4.9
105	4.6
106	4.3
107	4.1
108	3.9
109	3.7
110	3.5
111	3.4
112	3.3
113	3.1
114	3.0
115	2.9
116	2.8

117	2.7
118	2.5
119	2.3
120 +	2.0

(d) *Joint and Last Survivor Table.* The following table, referred to as the Joint and Last Survivor Table, is used for determining the joint and last survivor life expectancy of two individuals.

Table 3 to Paragraph (d)

Ages	0	1	2	3	4	5	6	7	8
0	91.9	91.4	91.0	90.5	90.1	89.7	89.4	89.0	88.7
1	91.4	90.9	90.4	90.0	89.5	89.1	88.8	88.4	88.1
2	91.0	90.4	89.9	89.4	89.0	88.5	88.1	87.8	87.4
3	90.5	90.0	89.4	88.9	88.4	88.0	87.6	87.1	86.8
4	90.1	89.5	89.0	88.4	87.9	87.4	87.0	86.6	86.2
5	89.7	89.1	88.6	88.0	87.4	86.9	86.5	86.0	85.6
6	89.4	88.8	88.1	87.6	87.0	86.5	85.9	85.5	85.0
7	89.0	88.4	87.8	87.1	86.6	86.0	85.5	84.9	84.5
8	88.7	88.1	87.4	86.8	86.2	85.6	85.0	84.5	83.9
9	88.4	87.8	87.1	86.4	85.8	85.2	84.6	84.0	83.5
10	88.2	87.5	86.8	86.1	85.4	84.8	84.2	83.6	83.0
11	87.9	87.2	86.5	85.8	85.1	84.4	83.8	83.2	82.6
12	87.7	87.0	86.2	85.5	84.8	84.1	83.4	82.8	82.2
13	87.5	86.7	86.0	85.2	84.5	83.8	83.1	82.4	81.8
14	87.3	86.5	85.7	85.0	84.2	83.5	82.8	82.1	81.4
15	87.1	86.3	85.5	84.7	84.0	83.2	82.5	81.8	81.1

16	86.9	86.1	85.3	84.5	83.7	83.0	82.2	81.5	80.8
17	86.8	86.0	85.1	84.3	83.5	82.7	82.0	81.2	80.5
18	86.6	85.8	85.0	84.1	83.3	82.5	81.7	81.0	80.2
19	86.5	85.7	84.8	84.0	83.1	82.3	81.5	80.7	80.0
20	86.4	85.5	84.7	83.8	83.0	82.2	81.3	80.5	79.8
21	86.2	85.4	84.5	83.7	82.8	82.0	81.2	80.3	79.5
22	86.1	85.3	84.4	83.5	82.7	81.8	81.0	80.2	79.3
23	86.0	85.2	84.3	83.4	82.5	81.7	80.8	80.0	79.2
24	85.9	85.1	84.2	83.3	82.4	81.6	80.7	79.8	79.0
25	85.9	85.0	84.1	83.2	82.3	81.4	80.6	79.7	78.8
26	85.8	84.9	84.0	83.1	82.2	81.3	80.4	79.6	78.7
27	85.7	84.8	83.9	83.0	82.1	81.2	80.3	79.4	78.6
28	85.6	84.7	83.8	82.9	82.0	81.1	80.2	79.3	78.4
29	85.6	84.7	83.8	82.8	81.9	81.0	80.1	79.2	78.3
30	85.5	84.6	83.7	82.8	81.8	80.9	80.0	79.1	78.2
31	85.4	84.6	83.6	82.7	81.8	80.9	79.9	79.0	78.1
32	85.4	84.5	83.6	82.6	81.7	80.8	79.9	78.9	78.0
33	85.3	84.5	83.5	82.6	81.6	80.7	79.8	78.9	77.9
34	85.3	84.4	83.5	82.5	81.6	80.7	79.7	78.8	77.9
35	85.3	84.4	83.4	82.5	81.5	80.6	79.7	78.7	77.8
36	85.2	84.3	83.4	82.4	81.5	80.5	79.6	78.7	77.7
37	85.2	84.3	83.3	82.4	81.4	80.5	79.5	78.6	77.7
38	85.2	84.3	83.3	82.3	81.4	80.4	79.5	78.6	77.6
39	85.1	84.2	83.3	82.3	81.4	80.4	79.5	78.5	77.6
40	85.1	84.2	83.2	82.3	81.3	80.4	79.4	78.5	77.5
41	85.1	84.2	83.2	82.2	81.3	80.3	79.4	78.4	77.5

42	85.0	84.1	83.2	82.2	81.3	80.3	79.3	78.4	77.4
43	85.0	84.1	83.1	82.2	81.2	80.3	79.3	78.3	77.4
44	85.0	84.1	83.1	82.2	81.2	80.2	79.3	78.3	77.3
45	85.0	84.1	83.1	82.1	81.2	80.2	79.2	78.3	77.3
46	84.9	84.0	83.1	82.1	81.1	80.2	79.2	78.2	77.3
47	84.9	84.0	83.1	82.1	81.1	80.2	79.2	78.2	77.3
48	84.9	84.0	83.0	82.1	81.1	80.1	79.2	78.2	77.2
49	84.9	84.0	83.0	82.1	81.1	80.1	79.1	78.2	77.2
50	84.9	84.0	83.0	82.0	81.1	80.1	79.1	78.1	77.2
51	84.8	84.0	83.0	82.0	81.0	80.1	79.1	78.1	77.2
52	84.8	83.9	83.0	82.0	81.0	80.1	79.1	78.1	77.1
53	84.8	83.9	83.0	82.0	81.0	80.0	79.1	78.1	77.1
54	84.8	83.9	82.9	82.0	81.0	80.0	79.0	78.1	77.1
55	84.8	83.9	82.9	82.0	81.0	80.0	79.0	78.1	77.1
56	84.8	83.9	82.9	81.9	81.0	80.0	79.0	78.0	77.1
57	84.8	83.9	82.9	81.9	81.0	80.0	79.0	78.0	77.0
58	84.8	83.9	82.9	81.9	80.9	80.0	79.0	78.0	77.0
59	84.7	83.9	82.9	81.9	80.9	80.0	79.0	78.0	77.0
60	84.7	83.8	82.9	81.9	80.9	79.9	79.0	78.0	77.0
61	84.7	83.8	82.9	81.9	80.9	79.9	79.0	78.0	77.0
62	84.7	83.8	82.9	81.9	80.9	79.9	78.9	78.0	77.0
63	84.7	83.8	82.9	81.9	80.9	79.9	78.9	78.0	77.0
64	84.7	83.8	82.8	81.9	80.9	79.9	78.9	77.9	77.0
65	84.7	83.8	82.8	81.9	80.9	79.9	78.9	77.9	77.0
66	84.7	83.8	82.8	81.9	80.9	79.9	78.9	77.9	76.9
67	84.7	83.8	82.8	81.9	80.9	79.9	78.9	77.9	76.9

68	84.7	83.8	82.8	81.8	80.9	79.9	78.9	77.9	76.9
69	84.7	83.8	82.8	81.8	80.9	79.9	78.9	77.9	76.9
70	84.7	83.8	82.8	81.8	80.9	79.9	78.9	77.9	76.9
71	84.7	83.8	82.8	81.8	80.9	79.9	78.9	77.9	76.9
72	84.7	83.8	82.8	81.8	80.9	79.9	78.9	77.9	76.9
73	84.6	83.8	82.8	81.8	80.8	79.9	78.9	77.9	76.9
74	84.6	83.8	82.8	81.8	80.8	79.9	78.9	77.9	76.9
75	84.6	83.8	82.8	81.8	80.8	79.9	78.9	77.9	76.9
76	84.6	83.8	82.8	81.8	80.8	79.9	78.9	77.9	76.9
77	84.6	83.8	82.8	81.8	80.8	79.8	78.9	77.9	76.9
78	84.6	83.8	82.8	81.8	80.8	79.8	78.9	77.9	76.9
79	84.6	83.8	82.8	81.8	80.8	79.8	78.9	77.9	76.9
80	84.6	83.8	82.8	81.8	80.8	79.8	78.9	77.9	76.9
81	84.6	83.8	82.8	81.8	80.8	79.8	78.9	77.9	76.9
82	84.6	83.8	82.8	81.8	80.8	79.8	78.9	77.9	76.9
83	84.6	83.7	82.8	81.8	80.8	79.8	78.9	77.9	76.9
84	84.6	83.7	82.8	81.8	80.8	79.8	78.9	77.9	76.9
85	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
86	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
87	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
88	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
89	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
90	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
91	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
92	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
93	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9

94	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
95	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
96	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
97	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
98	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
99	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
100	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
101	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
102	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
103	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
104	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
105	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
106	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
107	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
108	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
109	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
110	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
111	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
112	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
113	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
114	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
115	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
116	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
117	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
118	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
119	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9

120+	84.6	83.7	82.8	81.8	80.8	79.8	78.8	77.9	76.9
Ages	9	10	11	12	13	14	15	16	17
0	88.4	88.2	87.9	87.7	87.5	87.3	87.1	86.9	86.8
1	87.8	87.5	87.2	87.0	86.7	86.5	86.3	86.1	86.0
2	87.1	86.8	86.5	86.2	86.0	85.7	85.5	85.3	85.1
3	86.4	86.1	85.8	85.5	85.2	85.0	84.7	84.5	84.3
4	85.8	85.4	85.1	84.8	84.5	84.2	84.0	83.7	83.5
5	85.2	84.8	84.4	84.1	83.8	83.5	83.2	83.0	82.7
6	84.6	84.2	83.8	83.4	83.1	82.8	82.5	82.2	82.0
7	84.0	83.6	83.2	82.8	82.4	82.1	81.8	81.5	81.2
8	83.5	83.0	82.6	82.2	81.8	81.4	81.1	80.8	80.5
9	82.9	82.5	82.0	81.6	81.2	80.8	80.4	80.1	79.8
10	82.5	81.9	81.5	81.0	80.6	80.2	79.8	79.4	79.1
11	82.0	81.5	80.9	80.5	80.0	79.6	79.2	78.8	78.4
12	81.6	81.0	80.5	79.9	79.5	79.0	78.6	78.2	77.8
13	81.2	80.6	80.0	79.5	79.0	78.5	78.0	77.6	77.2
14	80.8	80.2	79.6	79.0	78.5	78.0	77.5	77.0	76.6
15	80.4	79.8	79.2	78.6	78.0	77.5	77.0	76.5	76.0
16	80.1	79.4	78.8	78.2	77.6	77.0	76.5	76.0	75.5
17	79.8	79.1	78.4	77.8	77.2	76.6	76.0	75.5	75.0
18	79.5	78.8	78.1	77.4	76.8	76.2	75.6	75.0	74.5
19	79.2	78.5	77.8	77.1	76.4	75.8	75.2	74.6	74.0
20	79.0	78.2	77.5	76.8	76.1	75.4	74.8	74.2	73.6
21	78.8	78.0	77.2	76.5	75.8	75.1	74.4	73.8	73.2
22	78.5	77.8	77.0	76.2	75.5	74.8	74.1	73.4	72.8
23	78.3	77.5	76.8	76.0	75.2	74.5	73.8	73.1	72.5

24	78.2	77.3	76.5	75.8	75.0	74.2	73.5	72.8	72.1
25	78.0	77.2	76.4	75.6	74.8	74.0	73.3	72.5	71.8
26	77.8	77.0	76.2	75.4	74.6	73.8	73.0	72.3	71.5
27	77.7	76.8	76.0	75.2	74.4	73.6	72.8	72.0	71.3
28	77.6	76.7	75.8	75.0	74.2	73.4	72.6	71.8	71.0
29	77.4	76.6	75.7	74.9	74.0	73.2	72.4	71.6	70.8
30	77.3	76.4	75.6	74.7	73.9	73.0	72.2	71.4	70.6
31	77.2	76.3	75.5	74.6	73.7	72.9	72.0	71.2	70.4
32	77.1	76.2	75.3	74.5	73.6	72.7	71.9	71.0	70.2
33	77.0	76.1	75.2	74.3	73.5	72.6	71.7	70.9	70.0
34	77.0	76.0	75.1	74.2	73.3	72.5	71.6	70.7	69.9
35	76.9	76.0	75.0	74.1	73.2	72.4	71.5	70.6	69.7
36	76.8	75.9	75.0	74.0	73.1	72.2	71.4	70.5	69.6
37	76.7	75.8	74.9	74.0	73.1	72.1	71.3	70.4	69.5
38	76.7	75.7	74.8	73.9	73.0	72.1	71.2	70.3	69.4
39	76.6	75.7	74.7	73.8	72.9	72.0	71.1	70.2	69.3
40	76.6	75.6	74.7	73.7	72.8	71.9	71.0	70.1	69.2
41	76.5	75.6	74.6	73.7	72.8	71.8	70.9	70.0	69.1
42	76.5	75.5	74.6	73.6	72.7	71.8	70.8	69.9	69.0
43	76.4	75.5	74.5	73.6	72.6	71.7	70.8	69.8	68.9
44	76.4	75.4	74.5	73.5	72.6	71.6	70.7	69.8	68.8
45	76.4	75.4	74.4	73.5	72.5	71.6	70.6	69.7	68.8
46	76.3	75.4	74.4	73.4	72.5	71.5	70.6	69.7	68.7
47	76.3	75.3	74.4	73.4	72.4	71.5	70.5	69.6	68.7
48	76.3	75.3	74.3	73.4	72.4	71.5	70.5	69.6	68.6
49	76.2	75.3	74.3	73.3	72.4	71.4	70.5	69.5	68.6

50	76.2	75.2	74.3	73.3	72.3	71.4	70.4	69.5	68.5
51	76.2	75.2	74.2	73.3	72.3	71.3	70.4	69.4	68.5
52	76.2	75.2	74.2	73.2	72.3	71.3	70.4	69.4	68.4
53	76.1	75.2	74.2	73.2	72.3	71.3	70.3	69.4	68.4
54	76.1	75.1	74.2	73.2	72.2	71.3	70.3	69.3	68.4
55	76.1	75.1	74.2	73.2	72.2	71.2	70.3	69.3	68.3
56	76.1	75.1	74.1	73.2	72.2	71.2	70.2	69.3	68.3
57	76.1	75.1	74.1	73.1	72.2	71.2	70.2	69.3	68.3
58	76.1	75.1	74.1	73.1	72.1	71.2	70.2	69.2	68.3
59	76.0	75.1	74.1	73.1	72.1	71.2	70.2	69.2	68.2
60	76.0	75.0	74.1	73.1	72.1	71.1	70.2	69.2	68.2
61	76.0	75.0	74.1	73.1	72.1	71.1	70.1	69.2	68.2
62	76.0	75.0	74.0	73.1	72.1	71.1	70.1	69.2	68.2
63	76.0	75.0	74.0	73.0	72.1	71.1	70.1	69.1	68.2
64	76.0	75.0	74.0	73.0	72.1	71.1	70.1	69.1	68.2
65	76.0	75.0	74.0	73.0	72.0	71.1	70.1	69.1	68.1
66	76.0	75.0	74.0	73.0	72.0	71.1	70.1	69.1	68.1
67	76.0	75.0	74.0	73.0	72.0	71.0	70.1	69.1	68.1
68	75.9	75.0	74.0	73.0	72.0	71.0	70.1	69.1	68.1
69	75.9	75.0	74.0	73.0	72.0	71.0	70.0	69.1	68.1
70	75.9	74.9	74.0	73.0	72.0	71.0	70.0	69.1	68.1
71	75.9	74.9	74.0	73.0	72.0	71.0	70.0	69.0	68.1
72	75.9	74.9	73.9	73.0	72.0	71.0	70.0	69.0	68.1
73	75.9	74.9	73.9	73.0	72.0	71.0	70.0	69.0	68.1
74	75.9	74.9	73.9	73.0	72.0	71.0	70.0	69.0	68.0
75	75.9	74.9	73.9	72.9	72.0	71.0	70.0	69.0	68.0

76	75.9	74.9	73.9	72.9	72.0	71.0	70.0	69.0	68.0
77	75.9	74.9	73.9	72.9	72.0	71.0	70.0	69.0	68.0
78	75.9	74.9	73.9	72.9	71.9	71.0	70.0	69.0	68.0
79	75.9	74.9	73.9	72.9	71.9	71.0	70.0	69.0	68.0
80	75.9	74.9	73.9	72.9	71.9	71.0	70.0	69.0	68.0
81	75.9	74.9	73.9	72.9	71.9	71.0	70.0	69.0	68.0
82	75.9	74.9	73.9	72.9	71.9	70.9	70.0	69.0	68.0
83	75.9	74.9	73.9	72.9	71.9	70.9	70.0	69.0	68.0
84	75.9	74.9	73.9	72.9	71.9	70.9	70.0	69.0	68.0
85	75.9	74.9	73.9	72.9	71.9	70.9	70.0	69.0	68.0
86	75.9	74.9	73.9	72.9	71.9	70.9	70.0	69.0	68.0
87	75.9	74.9	73.9	72.9	71.9	70.9	70.0	69.0	68.0
88	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
89	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
90	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
91	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
92	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
93	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
94	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
95	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
96	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
97	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
98	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
99	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
100	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
101	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0

102	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
103	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
104	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
105	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
106	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
107	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
108	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
109	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
110	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
111	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
112	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
113	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
114	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
115	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
116	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
117	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
118	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
119	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
120+	75.9	74.9	73.9	72.9	71.9	70.9	69.9	69.0	68.0
Ages	18	19	20	21	22	23	24	25	26
0	86.6	86.5	86.4	86.2	86.1	86.0	85.9	85.9	85.8
1	85.8	85.7	85.5	85.4	85.3	85.2	85.1	85.0	84.9
2	85.0	84.8	84.7	84.5	84.4	84.3	84.2	84.1	84.0
3	84.1	84.0	83.8	83.7	83.5	83.4	83.3	83.2	83.1
4	83.3	83.1	83.0	82.8	82.7	82.5	82.4	82.3	82.2
5	82.5	82.3	82.2	82.0	81.8	81.7	81.6	81.4	81.3

6	81.7	81.5	81.3	81.2	81.0	80.8	80.7	80.6	80.4
7	81.0	80.7	80.5	80.3	80.2	80.0	79.8	79.7	79.6
8	80.2	80.0	79.8	79.5	79.3	79.2	79.0	78.8	78.7
9	79.5	79.2	79.0	78.8	78.5	78.3	78.2	78.0	77.8
10	78.8	78.5	78.2	78.0	77.8	77.5	77.3	77.2	77.0
11	78.1	77.8	77.5	77.2	77.0	76.8	76.5	76.4	76.2
12	77.4	77.1	76.8	76.5	76.2	76.0	75.8	75.6	75.4
13	76.8	76.4	76.1	75.8	75.5	75.2	75.0	74.8	74.6
14	76.2	75.8	75.4	75.1	74.8	74.5	74.2	74.0	73.8
15	75.6	75.2	74.8	74.4	74.1	73.8	73.5	73.3	73.0
16	75.0	74.6	74.2	73.8	73.4	73.1	72.8	72.5	72.3
17	74.5	74.0	73.6	73.2	72.8	72.5	72.1	71.8	71.5
18	74.0	73.5	73.0	72.6	72.2	71.8	71.5	71.1	70.8
19	73.5	73.0	72.5	72.0	71.6	71.2	70.8	70.5	70.1
20	73.0	72.5	72.0	71.5	71.0	70.6	70.2	69.8	69.5
21	72.6	72.0	71.5	71.0	70.5	70.0	69.6	69.2	68.8
22	72.2	71.6	71.0	70.5	70.0	69.5	69.0	68.6	68.2
23	71.8	71.2	70.6	70.0	69.5	69.0	68.5	68.0	67.6
24	71.5	70.8	70.2	69.6	69.0	68.5	68.0	67.5	67.1
25	71.1	70.5	69.8	69.2	68.6	68.0	67.5	67.0	66.5
26	70.8	70.1	69.5	68.8	68.2	67.6	67.1	66.5	66.0
27	70.5	69.8	69.1	68.5	67.8	67.2	66.6	66.1	65.5
28	70.3	69.5	68.8	68.1	67.5	66.8	66.2	65.6	65.1
29	70.0	69.3	68.5	67.8	67.1	66.5	65.8	65.2	64.6
30	69.8	69.0	68.3	67.5	66.8	66.2	65.5	64.9	64.2
31	69.6	68.8	68.0	67.3	66.6	65.8	65.2	64.5	63.9

32	69.4	68.6	67.8	67.0	66.3	65.6	64.9	64.2	63.5
33	69.2	68.4	67.6	66.8	66.0	65.3	64.6	63.9	63.2
34	69.0	68.2	67.4	66.6	65.8	65.1	64.3	63.6	62.9
35	68.9	68.0	67.2	66.4	65.6	64.8	64.1	63.3	62.6
36	68.7	67.9	67.1	66.2	65.4	64.6	63.8	63.1	62.3
37	68.6	67.7	66.9	66.1	65.2	64.4	63.6	62.8	62.1
38	68.5	67.6	66.8	65.9	65.1	64.2	63.4	62.6	61.9
39	68.4	67.5	66.6	65.8	64.9	64.1	63.3	62.4	61.6
40	68.3	67.4	66.5	65.6	64.8	63.9	63.1	62.3	61.5
41	68.2	67.3	66.4	65.5	64.6	63.8	62.9	62.1	61.3
42	68.1	67.2	66.3	65.4	64.5	63.6	62.8	61.9	61.1
43	68.0	67.1	66.2	65.3	64.4	63.5	62.7	61.8	61.0
44	67.9	67.0	66.1	65.2	64.3	63.4	62.5	61.7	60.8
45	67.9	66.9	66.0	65.1	64.2	63.3	62.4	61.5	60.7
46	67.8	66.9	65.9	65.0	64.1	63.2	62.3	61.4	60.6
47	67.7	66.8	65.9	65.0	64.0	63.1	62.2	61.3	60.5
48	67.7	66.7	65.8	64.9	64.0	63.0	62.1	61.2	60.3
49	67.6	66.7	65.7	64.8	63.9	63.0	62.1	61.2	60.3
50	67.6	66.6	65.7	64.8	63.8	62.9	62.0	61.1	60.2
51	67.5	66.6	65.6	64.7	63.8	62.8	61.9	61.0	60.1
52	67.5	66.5	65.6	64.7	63.7	62.8	61.9	60.9	60.0
53	67.4	66.5	65.5	64.6	63.7	62.7	61.8	60.9	59.9
54	67.4	66.5	65.5	64.6	63.6	62.7	61.7	60.8	59.9
55	67.4	66.4	65.5	64.5	63.6	62.6	61.7	60.8	59.8
56	67.4	66.4	65.4	64.5	63.5	62.6	61.6	60.7	59.8
57	67.3	66.4	65.4	64.5	63.5	62.5	61.6	60.7	59.7

58	67.3	66.3	65.4	64.4	63.5	62.5	61.6	60.6	59.7
59	67.3	66.3	65.4	64.4	63.4	62.5	61.5	60.6	59.6
60	67.3	66.3	65.3	64.4	63.4	62.4	61.5	60.5	59.6
61	67.2	66.3	65.3	64.3	63.4	62.4	61.5	60.5	59.6
62	67.2	66.2	65.3	64.3	63.4	62.4	61.4	60.5	59.5
63	67.2	66.2	65.3	64.3	63.3	62.4	61.4	60.5	59.5
64	67.2	66.2	65.2	64.3	63.3	62.3	61.4	60.4	59.5
65	67.2	66.2	65.2	64.3	63.3	62.3	61.4	60.4	59.5
66	67.2	66.2	65.2	64.2	63.3	62.3	61.3	60.4	59.4
67	67.1	66.2	65.2	64.2	63.3	62.3	61.3	60.4	59.4
68	67.1	66.2	65.2	64.2	63.2	62.3	61.3	60.3	59.4
69	67.1	66.1	65.2	64.2	63.2	62.3	61.3	60.3	59.4
70	67.1	66.1	65.2	64.2	63.2	62.2	61.3	60.3	59.4
71	67.1	66.1	65.1	64.2	63.2	62.2	61.3	60.3	59.3
72	67.1	66.1	65.1	64.2	63.2	62.2	61.3	60.3	59.3
73	67.1	66.1	65.1	64.2	63.2	62.2	61.2	60.3	59.3
74	67.1	66.1	65.1	64.1	63.2	62.2	61.2	60.3	59.3
75	67.1	66.1	65.1	64.1	63.2	62.2	61.2	60.3	59.3
76	67.1	66.1	65.1	64.1	63.2	62.2	61.2	60.2	59.3
77	67.0	66.1	65.1	64.1	63.1	62.2	61.2	60.2	59.3
78	67.0	66.1	65.1	64.1	63.1	62.2	61.2	60.2	59.3
79	67.0	66.1	65.1	64.1	63.1	62.2	61.2	60.2	59.3
80	67.0	66.1	65.1	64.1	63.1	62.1	61.2	60.2	59.2
81	67.0	66.0	65.1	64.1	63.1	62.1	61.2	60.2	59.2
82	67.0	66.0	65.1	64.1	63.1	62.1	61.2	60.2	59.2
83	67.0	66.0	65.1	64.1	63.1	62.1	61.2	60.2	59.2

84	67.0	66.0	65.1	64.1	63.1	62.1	61.2	60.2	59.2
85	67.0	66.0	65.1	64.1	63.1	62.1	61.2	60.2	59.2
86	67.0	66.0	65.1	64.1	63.1	62.1	61.1	60.2	59.2
87	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
88	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
89	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
90	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
91	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
92	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
93	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
94	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
95	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
96	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
97	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
98	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
99	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
100	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
101	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
102	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
103	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
104	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
105	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
106	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
107	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
108	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
109	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2

110	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
111	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
112	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
113	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
114	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
115	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
116	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
117	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
118	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
119	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
120+	67.0	66.0	65.0	64.1	63.1	62.1	61.1	60.2	59.2
Ages	27	28	29	30	31	32	33	34	35
0	85.7	85.6	85.6	85.5	85.4	85.4	85.3	85.3	85.3
1	84.8	84.7	84.7	84.6	84.6	84.5	84.5	84.4	84.4
2	83.9	83.8	83.8	83.7	83.6	83.6	83.5	83.5	83.4
3	83.0	82.9	82.8	82.8	82.7	82.6	82.6	82.5	82.5
4	82.1	82.0	81.9	81.8	81.8	81.7	81.6	81.6	81.5
5	81.2	81.1	81.0	80.9	80.9	80.8	80.7	80.7	80.6
6	80.3	80.2	80.1	80.0	79.9	79.9	79.8	79.7	79.7
7	79.4	79.3	79.2	79.1	79.0	78.9	78.9	78.8	78.7
8	78.6	78.4	78.3	78.2	78.1	78.0	77.9	77.9	77.8
9	77.7	77.6	77.4	77.3	77.2	77.1	77.0	77.0	76.9
10	76.8	76.7	76.6	76.4	76.3	76.2	76.1	76.0	76.0
11	76.0	75.8	75.7	75.6	75.5	75.3	75.2	75.1	75.0
12	75.2	75.0	74.9	74.7	74.6	74.5	74.3	74.2	74.1
13	74.4	74.2	74.0	73.9	73.7	73.6	73.5	73.3	73.2

14	73.6	73.4	73.2	73.0	72.9	72.7	72.6	72.5	72.4
15	72.8	72.6	72.4	72.2	72.0	71.9	71.7	71.6	71.5
16	72.0	71.8	71.6	71.4	71.2	71.0	70.9	70.7	70.6
17	71.3	71.0	70.8	70.6	70.4	70.2	70.0	69.9	69.7
18	70.5	70.3	70.0	69.8	69.6	69.4	69.2	69.0	68.9
19	69.8	69.5	69.3	69.0	68.8	68.6	68.4	68.2	68.0
20	69.1	68.8	68.5	68.3	68.0	67.8	67.6	67.4	67.2
21	68.5	68.1	67.8	67.5	67.3	67.0	66.8	66.6	66.4
22	67.8	67.5	67.1	66.8	66.6	66.3	66.0	65.8	65.6
23	67.2	66.8	66.5	66.2	65.8	65.6	65.3	65.1	64.8
24	66.6	66.2	65.8	65.5	65.2	64.9	64.6	64.3	64.1
25	66.1	65.6	65.2	64.9	64.5	64.2	63.9	63.6	63.3
26	65.5	65.1	64.6	64.2	63.9	63.5	63.2	62.9	62.6
27	65.0	64.5	64.1	63.7	63.2	62.9	62.5	62.2	61.9
28	64.5	64.0	63.5	63.1	62.7	62.3	61.9	61.5	61.2
29	64.1	63.5	63.0	62.6	62.1	61.7	61.3	60.9	60.5
30	63.7	63.1	62.6	62.0	61.6	61.1	60.7	60.3	59.9
31	63.2	62.7	62.1	61.6	61.1	60.6	60.1	59.7	59.3
32	62.9	62.3	61.7	61.1	60.6	60.1	59.6	59.1	58.7
33	62.5	61.9	61.3	60.7	60.1	59.6	59.1	58.6	58.1
34	62.2	61.5	60.9	60.3	59.7	59.1	58.6	58.1	57.6
35	61.9	61.2	60.5	59.9	59.3	58.7	58.1	57.6	57.1
36	61.6	60.9	60.2	59.5	58.9	58.3	57.7	57.2	56.6
37	61.3	60.6	59.9	59.2	58.6	57.9	57.3	56.7	56.2
38	61.1	60.3	59.6	58.9	58.2	57.6	56.9	56.3	55.7
39	60.9	60.1	59.4	58.6	57.9	57.2	56.6	55.9	55.3

40	60.7	59.9	59.1	58.4	57.6	56.9	56.3	55.6	55.0
41	60.5	59.7	58.9	58.1	57.4	56.7	56.0	55.3	54.6
42	60.3	59.5	58.7	57.9	57.1	56.4	55.7	55.0	54.3
43	60.1	59.3	58.5	57.7	56.9	56.2	55.4	54.7	54.0
44	60.0	59.1	58.3	57.5	56.7	55.9	55.2	54.4	53.7
45	59.8	59.0	58.1	57.3	56.5	55.7	54.9	54.2	53.4
46	59.7	58.8	58.0	57.2	56.3	55.5	54.7	54.0	53.2
47	59.6	58.7	57.9	57.0	56.2	55.4	54.5	53.7	53.0
48	59.5	58.6	57.7	56.9	56.0	55.2	54.4	53.6	52.8
49	59.4	58.5	57.6	56.7	55.9	55.0	54.2	53.4	52.6
50	59.3	58.4	57.5	56.6	55.8	54.9	54.1	53.2	52.4
51	59.2	58.3	57.4	56.5	55.6	54.8	53.9	53.1	52.2
52	59.1	58.2	57.3	56.4	55.5	54.7	53.8	52.9	52.1
53	59.0	58.1	57.2	56.3	55.4	54.6	53.7	52.8	52.0
54	59.0	58.0	57.1	56.2	55.3	54.5	53.6	52.7	51.8
55	58.9	58.0	57.1	56.2	55.3	54.4	53.5	52.6	51.7
56	58.8	57.9	57.0	56.1	55.2	54.3	53.4	52.5	51.6
57	58.8	57.9	56.9	56.0	55.1	54.2	53.3	52.4	51.5
58	58.7	57.8	56.9	56.0	55.0	54.1	53.2	52.3	51.4
59	58.7	57.8	56.8	55.9	55.0	54.1	53.2	52.2	51.3
60	58.7	57.7	56.8	55.9	54.9	54.0	53.1	52.2	51.3
61	58.6	57.7	56.7	55.8	54.9	54.0	53.0	52.1	51.2
62	58.6	57.6	56.7	55.8	54.8	53.9	53.0	52.1	51.1
63	58.6	57.6	56.7	55.7	54.8	53.9	52.9	52.0	51.1
64	58.5	57.6	56.6	55.7	54.8	53.8	52.9	52.0	51.0
65	58.5	57.5	56.6	55.7	54.7	53.8	52.8	51.9	51.0

66	58.5	57.5	56.6	55.6	54.7	53.7	52.8	51.9	50.9
67	58.5	57.5	56.5	55.6	54.7	53.7	52.8	51.8	50.9
68	58.4	57.5	56.5	55.6	54.6	53.7	52.7	51.8	50.9
69	58.4	57.5	56.5	55.6	54.6	53.7	52.7	51.8	50.8
70	58.4	57.4	56.5	55.5	54.6	53.6	52.7	51.7	50.8
71	58.4	57.4	56.5	55.5	54.6	53.6	52.7	51.7	50.8
72	58.4	57.4	56.5	55.5	54.5	53.6	52.6	51.7	50.8
73	58.4	57.4	56.4	55.5	54.5	53.6	52.6	51.7	50.7
74	58.3	57.4	56.4	55.5	54.5	53.6	52.6	51.7	50.7
75	58.3	57.4	56.4	55.5	54.5	53.5	52.6	51.6	50.7
76	58.3	57.4	56.4	55.4	54.5	53.5	52.6	51.6	50.7
77	58.3	57.3	56.4	55.4	54.5	53.5	52.6	51.6	50.7
78	58.3	57.3	56.4	55.4	54.5	53.5	52.6	51.6	50.6
79	58.3	57.3	56.4	55.4	54.5	53.5	52.5	51.6	50.6
80	58.3	57.3	56.4	55.4	54.4	53.5	52.5	51.6	50.6
81	58.3	57.3	56.4	55.4	54.4	53.5	52.5	51.6	50.6
82	58.3	57.3	56.3	55.4	54.4	53.5	52.5	51.6	50.6
83	58.3	57.3	56.3	55.4	54.4	53.5	52.5	51.6	50.6
84	58.3	57.3	56.3	55.4	54.4	53.5	52.5	51.5	50.6
85	58.3	57.3	56.3	55.4	54.4	53.5	52.5	51.5	50.6
86	58.2	57.3	56.3	55.4	54.4	53.5	52.5	51.5	50.6
87	58.2	57.3	56.3	55.4	54.4	53.4	52.5	51.5	50.6
88	58.2	57.3	56.3	55.4	54.4	53.4	52.5	51.5	50.6
89	58.2	57.3	56.3	55.4	54.4	53.4	52.5	51.5	50.6
90	58.2	57.3	56.3	55.4	54.4	53.4	52.5	51.5	50.6
91	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.6

92	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.6
93	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.6
94	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.6
95	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.6
96	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.6
97	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.6
98	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.6
99	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.6
100	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.6
101	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.6
102	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.6
103	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
104	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
105	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
106	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
107	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
108	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
109	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
110	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
111	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
112	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
113	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
114	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
115	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
116	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
117	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5

118	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
119	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
120+	58.2	57.3	56.3	55.3	54.4	53.4	52.5	51.5	50.5
Ages	36	37	38	39	40	41	42	43	44
0	85.2	85.2	85.2	85.1	85.1	85.1	85.0	85.0	85.0
1	84.3	84.3	84.3	84.2	84.2	84.2	84.1	84.1	84.1
2	83.4	83.3	83.3	83.3	83.2	83.2	83.2	83.1	83.1
3	82.4	82.4	82.3	82.3	82.3	82.2	82.2	82.2	82.2
4	81.5	81.4	81.4	81.4	81.3	81.3	81.3	81.2	81.2
5	80.5	80.5	80.4	80.4	80.4	80.3	80.3	80.3	80.2
6	79.6	79.5	79.5	79.5	79.4	79.4	79.3	79.3	79.3
7	78.7	78.6	78.6	78.5	78.5	78.4	78.4	78.3	78.3
8	77.7	77.7	77.6	77.6	77.5	77.5	77.4	77.4	77.3
9	76.8	76.7	76.7	76.6	76.6	76.5	76.5	76.4	76.4
10	75.9	75.8	75.7	75.7	75.6	75.6	75.5	75.5	75.4
11	75.0	74.9	74.8	74.7	74.7	74.6	74.6	74.5	74.5
12	74.0	74.0	73.9	73.8	73.7	73.7	73.6	73.6	73.5
13	73.1	73.1	73.0	72.9	72.8	72.8	72.7	72.6	72.6
14	72.2	72.1	72.1	72.0	71.9	71.8	71.8	71.7	71.6
15	71.4	71.3	71.2	71.1	71.0	70.9	70.8	70.8	70.7
16	70.5	70.4	70.3	70.2	70.1	70.0	69.9	69.8	69.8
17	69.6	69.5	69.4	69.3	69.2	69.1	69.0	68.9	68.8
18	68.7	68.6	68.5	68.4	68.3	68.2	68.1	68.0	67.9
19	67.9	67.7	67.6	67.5	67.4	67.3	67.2	67.1	67.0
20	67.1	66.9	66.8	66.6	66.5	66.4	66.3	66.2	66.1
21	66.2	66.1	65.9	65.8	65.6	65.5	65.4	65.3	65.2

22	65.4	65.2	65.1	64.9	64.8	64.6	64.5	64.4	64.3
23	64.6	64.4	64.2	64.1	63.9	63.8	63.6	63.5	63.4
24	63.8	63.6	63.4	63.3	63.1	62.9	62.8	62.7	62.5
25	63.1	62.8	62.6	62.4	62.3	62.1	61.9	61.8	61.7
26	62.3	62.1	61.9	61.6	61.5	61.3	61.1	61.0	60.8
27	61.6	61.3	61.1	60.9	60.7	60.5	60.3	60.1	60.0
28	60.9	60.6	60.3	60.1	59.9	59.7	59.5	59.3	59.1
29	60.2	59.9	59.6	59.4	59.1	58.9	58.7	58.5	58.3
30	59.5	59.2	58.9	58.6	58.4	58.1	57.9	57.7	57.5
31	58.9	58.6	58.2	57.9	57.6	57.4	57.1	56.9	56.7
32	58.3	57.9	57.6	57.2	56.9	56.7	56.4	56.2	55.9
33	57.7	57.3	56.9	56.6	56.3	56.0	55.7	55.4	55.2
34	57.2	56.7	56.3	55.9	55.6	55.3	55.0	54.7	54.4
35	56.6	56.2	55.7	55.3	55.0	54.6	54.3	54.0	53.7
36	56.1	55.6	55.2	54.7	54.3	54.0	53.6	53.3	53.0
37	55.6	55.1	54.6	54.2	53.8	53.4	53.0	52.6	52.3
38	55.2	54.6	54.1	53.6	53.2	52.8	52.4	52.0	51.6
39	54.7	54.2	53.6	53.1	52.7	52.2	51.8	51.4	51.0
40	54.3	53.8	53.2	52.7	52.2	51.7	51.2	50.8	50.4
41	54.0	53.4	52.8	52.2	51.7	51.2	50.7	50.2	49.8
42	53.6	53.0	52.4	51.8	51.2	50.7	50.2	49.7	49.2
43	53.3	52.6	52.0	51.4	50.8	50.2	49.7	49.2	48.7
44	53.0	52.3	51.6	51.0	50.4	49.8	49.2	48.7	48.2
45	52.7	52.0	51.3	50.7	50.0	49.4	48.8	48.3	47.7
46	52.4	51.7	51.0	50.3	49.7	49.0	48.4	47.8	47.3
47	52.2	51.5	50.7	50.0	49.3	48.7	48.0	47.4	46.8

48	52.0	51.2	50.5	49.7	49.0	48.4	47.7	47.1	46.4
49	51.8	51.0	50.2	49.5	48.8	48.1	47.4	46.7	46.1
50	51.6	50.8	50.0	49.2	48.5	47.8	47.1	46.4	45.7
51	51.4	50.6	49.8	49.0	48.3	47.5	46.8	46.1	45.4
52	51.3	50.4	49.6	48.8	48.0	47.3	46.5	45.8	45.1
53	51.1	50.3	49.5	48.6	47.8	47.1	46.3	45.6	44.8
54	51.0	50.1	49.3	48.5	47.7	46.9	46.1	45.3	44.6
55	50.9	50.0	49.1	48.3	47.5	46.7	45.9	45.1	44.3
56	50.7	49.9	49.0	48.2	47.3	46.5	45.7	44.9	44.1
57	50.6	49.8	48.9	48.0	47.2	46.3	45.5	44.7	43.9
58	50.5	49.7	48.8	47.9	47.1	46.2	45.4	44.5	43.7
59	50.5	49.6	48.7	47.8	46.9	46.1	45.2	44.4	43.6
60	50.4	49.5	48.6	47.7	46.8	46.0	45.1	44.3	43.4
61	50.3	49.4	48.5	47.6	46.7	45.8	45.0	44.1	43.3
62	50.2	49.3	48.4	47.5	46.6	45.7	44.9	44.0	43.1
63	50.2	49.3	48.3	47.4	46.5	45.7	44.8	43.9	43.0
64	50.1	49.2	48.3	47.4	46.5	45.6	44.7	43.8	42.9
65	50.1	49.1	48.2	47.3	46.4	45.5	44.6	43.7	42.8
66	50.0	49.1	48.2	47.2	46.3	45.4	44.5	43.6	42.7
67	50.0	49.0	48.1	47.2	46.3	45.4	44.4	43.5	42.6
68	49.9	49.0	48.1	47.1	46.2	45.3	44.4	43.5	42.6
69	49.9	49.0	48.0	47.1	46.2	45.2	44.3	43.4	42.5
70	49.9	48.9	48.0	47.0	46.1	45.2	44.3	43.3	42.4
71	49.8	48.9	47.9	47.0	46.1	45.1	44.2	43.3	42.4
72	49.8	48.9	47.9	47.0	46.0	45.1	44.2	43.2	42.3
73	49.8	48.8	47.9	46.9	46.0	45.1	44.1	43.2	42.3

74	49.8	48.8	47.9	46.9	46.0	45.0	44.1	43.2	42.2
75	49.7	48.8	47.8	46.9	45.9	45.0	44.1	43.1	42.2
76	49.7	48.8	47.8	46.9	45.9	45.0	44.0	43.1	42.2
77	49.7	48.8	47.8	46.9	45.9	45.0	44.0	43.1	42.1
78	49.7	48.7	47.8	46.8	45.9	44.9	44.0	43.0	42.1
79	49.7	48.7	47.8	46.8	45.9	44.9	44.0	43.0	42.1
80	49.7	48.7	47.8	46.8	45.9	44.9	43.9	43.0	42.1
81	49.7	48.7	47.7	46.8	45.8	44.9	43.9	43.0	42.0
82	49.7	48.7	47.7	46.8	45.8	44.9	43.9	43.0	42.0
83	49.6	48.7	47.7	46.8	45.8	44.9	43.9	43.0	42.0
84	49.6	48.7	47.7	46.8	45.8	44.9	43.9	42.9	42.0
85	49.6	48.7	47.7	46.8	45.8	44.8	43.9	42.9	42.0
86	49.6	48.7	47.7	46.7	45.8	44.8	43.9	42.9	42.0
87	49.6	48.7	47.7	46.7	45.8	44.8	43.9	42.9	42.0
88	49.6	48.7	47.7	46.7	45.8	44.8	43.9	42.9	42.0
89	49.6	48.7	47.7	46.7	45.8	44.8	43.9	42.9	41.9
90	49.6	48.6	47.7	46.7	45.8	44.8	43.9	42.9	41.9
91	49.6	48.6	47.7	46.7	45.8	44.8	43.9	42.9	41.9
92	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9
93	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9
94	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9
95	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9
96	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9
97	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9
98	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9
99	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9

100	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9
101	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9
102	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9
103	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9
104	49.6	48.6	47.7	46.7	45.8	44.8	43.8	42.9	41.9
105	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
106	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
107	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
108	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
109	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
110	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
111	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
112	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
113	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
114	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
115	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
116	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
117	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
118	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
119	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
120+	49.6	48.6	47.7	46.7	45.7	44.8	43.8	42.9	41.9
Ages	45	46	47	48	49	50	51	52	53
0	85.0	84.9	84.9	84.9	84.9	84.9	84.8	84.8	84.8
1	84.1	84.0	84.0	84.0	84.0	84.0	84.0	83.9	83.9
2	83.1	83.1	83.1	83.0	83.0	83.0	83.0	83.0	83.0
3	82.1	82.1	82.1	82.1	82.1	82.0	82.0	82.0	82.0

4	81.2	81.1	81.1	81.1	81.1	81.1	81.0	81.0	81.0
5	80.2	80.2	80.2	80.1	80.1	80.1	80.1	80.1	80.0
6	79.2	79.2	79.2	79.2	79.1	79.1	79.1	79.1	79.1
7	78.3	78.2	78.2	78.2	78.2	78.1	78.1	78.1	78.1
8	77.3	77.3	77.3	77.2	77.2	77.2	77.2	77.1	77.1
9	76.4	76.3	76.3	76.3	76.2	76.2	76.2	76.2	76.1
10	75.4	75.4	75.3	75.3	75.3	75.2	75.2	75.2	75.2
11	74.4	74.4	74.4	74.3	74.3	74.3	74.2	74.2	74.2
12	73.5	73.4	73.4	73.4	73.3	73.3	73.3	73.2	73.2
13	72.5	72.5	72.4	72.4	72.4	72.3	72.3	72.3	72.3
14	71.6	71.5	71.5	71.5	71.4	71.4	71.3	71.3	71.3
15	70.6	70.6	70.5	70.5	70.5	70.4	70.4	70.4	70.3
16	69.7	69.7	69.6	69.6	69.5	69.5	69.4	69.4	69.4
17	68.8	68.7	68.7	68.6	68.6	68.5	68.5	68.4	68.4
18	67.9	67.8	67.7	67.7	67.6	67.6	67.5	67.5	67.4
19	66.9	66.9	66.8	66.7	66.7	66.6	66.6	66.5	66.5
20	66.0	65.9	65.9	65.8	65.7	65.7	65.6	65.6	65.5
21	65.1	65.0	65.0	64.9	64.8	64.8	64.7	64.7	64.6
22	64.2	64.1	64.0	64.0	63.9	63.8	63.8	63.7	63.7
23	63.3	63.2	63.1	63.0	63.0	62.9	62.8	62.8	62.7
24	62.4	62.3	62.2	62.1	62.1	62.0	61.9	61.9	61.8
25	61.5	61.4	61.3	61.2	61.2	61.1	61.0	60.9	60.9
26	60.7	60.6	60.5	60.3	60.3	60.2	60.1	60.0	59.9
27	59.8	59.7	59.6	59.5	59.4	59.3	59.2	59.1	59.0
28	59.0	58.8	58.7	58.6	58.5	58.4	58.3	58.2	58.1
29	58.1	58.0	57.9	57.7	57.6	57.5	57.4	57.3	57.2

30	57.3	57.2	57.0	56.9	56.7	56.6	56.5	56.4	56.3
31	56.5	56.3	56.2	56.0	55.9	55.8	55.6	55.5	55.4
32	55.7	55.5	55.4	55.2	55.0	54.9	54.8	54.7	54.6
33	54.9	54.7	54.5	54.4	54.2	54.1	53.9	53.8	53.7
34	54.2	54.0	53.7	53.6	53.4	53.2	53.1	52.9	52.8
35	53.4	53.2	53.0	52.8	52.6	52.4	52.2	52.1	52.0
36	52.7	52.4	52.2	52.0	51.8	51.6	51.4	51.3	51.1
37	52.0	51.7	51.5	51.2	51.0	50.8	50.6	50.4	50.3
38	51.3	51.0	50.7	50.5	50.2	50.0	49.8	49.6	49.5
39	50.7	50.3	50.0	49.7	49.5	49.2	49.0	48.8	48.6
40	50.0	49.7	49.3	49.0	48.8	48.5	48.3	48.0	47.8
41	49.4	49.0	48.7	48.4	48.1	47.8	47.5	47.3	47.1
42	48.8	48.4	48.0	47.7	47.4	47.1	46.8	46.5	46.3
43	48.3	47.8	47.4	47.1	46.7	46.4	46.1	45.8	45.6
44	47.7	47.3	46.8	46.4	46.1	45.7	45.4	45.1	44.8
45	47.2	46.7	46.3	45.9	45.5	45.1	44.7	44.4	44.1
46	46.7	46.2	45.7	45.3	44.9	44.5	44.1	43.8	43.4
47	46.3	45.7	45.2	44.8	44.3	43.9	43.5	43.1	42.8
48	45.9	45.3	44.8	44.3	43.8	43.3	42.9	42.5	42.1
49	45.5	44.9	44.3	43.8	43.3	42.8	42.3	41.9	41.5
50	45.1	44.5	43.9	43.3	42.8	42.3	41.8	41.4	40.9
51	44.7	44.1	43.5	42.9	42.3	41.8	41.3	40.8	40.4
52	44.4	43.8	43.1	42.5	41.9	41.4	40.8	40.3	39.9
53	44.1	43.4	42.8	42.1	41.5	40.9	40.4	39.9	39.4
54	43.8	43.1	42.5	41.8	41.2	40.6	40.0	39.4	38.9
55	43.6	42.9	42.2	41.5	40.8	40.2	39.6	39.0	38.4

56	43.4	42.6	41.9	41.2	40.5	39.8	39.2	38.6	38.0
57	43.1	42.4	41.6	40.9	40.2	39.5	38.9	38.2	37.6
58	42.9	42.2	41.4	40.7	39.9	39.2	38.6	37.9	37.3
59	42.8	42.0	41.2	40.4	39.7	39.0	38.3	37.6	36.9
60	42.6	41.8	41.0	40.2	39.5	38.7	38.0	37.3	36.6
61	42.4	41.6	40.8	40.0	39.2	38.5	37.7	37.0	36.3
62	42.3	41.5	40.6	39.8	39.0	38.3	37.5	36.8	36.1
63	42.2	41.3	40.5	39.7	38.9	38.1	37.3	36.6	35.8
64	42.1	41.2	40.4	39.5	38.7	37.9	37.1	36.3	35.6
65	41.9	41.1	40.2	39.4	38.6	37.7	36.9	36.2	35.4
66	41.8	41.0	40.1	39.3	38.4	37.6	36.8	36.0	35.2
67	41.8	40.9	40.0	39.1	38.3	37.5	36.6	35.8	35.0
68	41.7	40.8	39.9	39.0	38.2	37.3	36.5	35.7	34.9
69	41.6	40.7	39.8	38.9	38.1	37.2	36.4	35.5	34.7
70	41.5	40.6	39.7	38.8	38.0	37.1	36.2	35.4	34.6
71	41.5	40.6	39.7	38.8	37.9	37.0	36.1	35.3	34.5
72	41.4	40.5	39.6	38.7	37.8	36.9	36.0	35.2	34.3
73	41.4	40.4	39.5	38.6	37.7	36.8	36.0	35.1	34.2
74	41.3	40.4	39.5	38.6	37.7	36.8	35.9	35.0	34.1
75	41.3	40.3	39.4	38.5	37.6	36.7	35.8	34.9	34.1
76	41.2	40.3	39.4	38.5	37.5	36.6	35.7	34.9	34.0
77	41.2	40.3	39.3	38.4	37.5	36.6	35.7	34.8	33.9
78	41.2	40.2	39.3	38.4	37.5	36.5	35.6	34.7	33.9
79	41.1	40.2	39.3	38.3	37.4	36.5	35.6	34.7	33.8
80	41.1	40.2	39.2	38.3	37.4	36.5	35.5	34.6	33.7
81	41.1	40.1	39.2	38.3	37.3	36.4	35.5	34.6	33.7

82	41.1	40.1	39.2	38.3	37.3	36.4	35.5	34.6	33.7
83	41.1	40.1	39.2	38.2	37.3	36.4	35.4	34.5	33.6
84	41.0	40.1	39.2	38.2	37.3	36.3	35.4	34.5	33.6
85	41.0	40.1	39.1	38.2	37.3	36.3	35.4	34.5	33.6
86	41.0	40.1	39.1	38.2	37.2	36.3	35.4	34.5	33.5
87	41.0	40.1	39.1	38.2	37.2	36.3	35.4	34.4	33.5
88	41.0	40.0	39.1	38.2	37.2	36.3	35.3	34.4	33.5
89	41.0	40.0	39.1	38.1	37.2	36.3	35.3	34.4	33.5
90	41.0	40.0	39.1	38.1	37.2	36.3	35.3	34.4	33.5
91	41.0	40.0	39.1	38.1	37.2	36.2	35.3	34.4	33.5
92	41.0	40.0	39.1	38.1	37.2	36.2	35.3	34.4	33.5
93	41.0	40.0	39.1	38.1	37.2	36.2	35.3	34.4	33.4
94	41.0	40.0	39.1	38.1	37.2	36.2	35.3	34.4	33.4
95	41.0	40.0	39.1	38.1	37.2	36.2	35.3	34.4	33.4
96	41.0	40.0	39.1	38.1	37.2	36.2	35.3	34.3	33.4
97	41.0	40.0	39.1	38.1	37.2	36.2	35.3	34.3	33.4
98	41.0	40.0	39.1	38.1	37.2	36.2	35.3	34.3	33.4
99	41.0	40.0	39.1	38.1	37.2	36.2	35.3	34.3	33.4
100	41.0	40.0	39.0	38.1	37.1	36.2	35.3	34.3	33.4
101	41.0	40.0	39.0	38.1	37.1	36.2	35.3	34.3	33.4
102	41.0	40.0	39.0	38.1	37.1	36.2	35.3	34.3	33.4
103	41.0	40.0	39.0	38.1	37.1	36.2	35.3	34.3	33.4
104	41.0	40.0	39.0	38.1	37.1	36.2	35.3	34.3	33.4
105	41.0	40.0	39.0	38.1	37.1	36.2	35.3	34.3	33.4
106	41.0	40.0	39.0	38.1	37.1	36.2	35.3	34.3	33.4
107	41.0	40.0	39.0	38.1	37.1	36.2	35.3	34.3	33.4

12	73.2	73.2	73.2	73.1	73.1	73.1	73.1	73.1	73.1
13	72.2	72.2	72.2	72.2	72.1	72.1	72.1	72.1	72.1
14	71.3	71.2	71.2	71.2	71.2	71.2	71.1	71.1	71.1
15	70.3	70.3	70.2	70.2	70.2	70.2	70.2	70.1	70.1
16	69.3	69.3	69.3	69.3	69.2	69.2	69.2	69.2	69.2
17	68.4	68.3	68.3	68.3	68.3	68.2	68.2	68.2	68.2
18	67.4	67.4	67.4	67.3	67.3	67.3	67.3	67.2	67.2
19	66.5	66.4	66.4	66.4	66.3	66.3	66.3	66.3	66.2
20	65.5	65.5	65.4	65.4	65.4	65.4	65.3	65.3	65.3
21	64.6	64.5	64.5	64.5	64.4	64.4	64.4	64.3	64.3
22	63.6	63.6	63.5	63.5	63.5	63.4	63.4	63.4	63.4
23	62.7	62.6	62.6	62.5	62.5	62.5	62.4	62.4	62.4
24	61.7	61.7	61.6	61.6	61.6	61.5	61.5	61.5	61.4
25	60.8	60.8	60.7	60.7	60.6	60.6	60.5	60.5	60.5
26	59.9	59.8	59.8	59.7	59.7	59.6	59.6	59.6	59.5
27	59.0	58.9	58.8	58.8	58.7	58.7	58.7	58.6	58.6
28	58.0	58.0	57.9	57.9	57.8	57.8	57.7	57.7	57.6
29	57.1	57.1	57.0	56.9	56.9	56.8	56.8	56.7	56.7
30	56.2	56.2	56.1	56.0	56.0	55.9	55.9	55.8	55.8
31	55.3	55.3	55.2	55.1	55.0	55.0	54.9	54.9	54.8
32	54.5	54.4	54.3	54.2	54.1	54.1	54.0	54.0	53.9
33	53.6	53.5	53.4	53.3	53.2	53.2	53.1	53.0	53.0
34	52.7	52.6	52.5	52.4	52.3	52.2	52.2	52.1	52.1
35	51.8	51.7	51.6	51.5	51.4	51.3	51.3	51.2	51.1
36	51.0	50.9	50.7	50.6	50.5	50.5	50.4	50.3	50.2
37	50.1	50.0	49.9	49.8	49.7	49.6	49.5	49.4	49.3

38	49.3	49.1	49.0	48.9	48.8	48.7	48.6	48.5	48.4
39	48.5	48.3	48.2	48.0	47.9	47.8	47.7	47.6	47.5
40	47.7	47.5	47.3	47.2	47.1	46.9	46.8	46.7	46.6
41	46.9	46.7	46.5	46.3	46.2	46.1	46.0	45.8	45.7
42	46.1	45.9	45.7	45.5	45.4	45.2	45.1	45.0	44.9
43	45.3	45.1	44.9	44.7	44.5	44.4	44.3	44.1	44.0
44	44.6	44.3	44.1	43.9	43.7	43.6	43.4	43.3	43.1
45	43.8	43.6	43.4	43.1	42.9	42.8	42.6	42.4	42.3
46	43.1	42.9	42.6	42.4	42.2	42.0	41.8	41.6	41.5
47	42.5	42.2	41.9	41.6	41.4	41.2	41.0	40.8	40.6
48	41.8	41.5	41.2	40.9	40.7	40.4	40.2	40.0	39.8
49	41.2	40.8	40.5	40.2	39.9	39.7	39.5	39.2	39.0
50	40.6	40.2	39.8	39.5	39.2	39.0	38.7	38.5	38.3
51	40.0	39.6	39.2	38.9	38.6	38.3	38.0	37.7	37.5
52	39.4	39.0	38.6	38.2	37.9	37.6	37.3	37.0	36.8
53	38.9	38.4	38.0	37.6	37.3	36.9	36.6	36.3	36.1
54	38.4	37.9	37.5	37.1	36.7	36.3	36.0	35.7	35.4
55	37.9	37.4	36.9	36.5	36.1	35.7	35.3	35.0	34.7
56	37.5	36.9	36.5	36.0	35.5	35.1	34.8	34.4	34.1
57	37.1	36.5	36.0	35.5	35.0	34.6	34.2	33.8	33.4
58	36.7	36.1	35.5	35.0	34.5	34.1	33.6	33.2	32.8
59	36.3	35.7	35.1	34.6	34.1	33.6	33.1	32.7	32.3
60	36.0	35.3	34.8	34.2	33.6	33.1	32.6	32.2	31.7
61	35.7	35.0	34.4	33.8	33.2	32.7	32.2	31.7	31.2
62	35.4	34.7	34.1	33.4	32.8	32.3	31.7	31.2	30.8
63	35.1	34.4	33.8	33.1	32.5	31.9	31.3	30.8	30.3

64	34.9	34.2	33.5	32.8	32.2	31.5	31.0	30.4	29.9
65	34.6	33.9	33.2	32.5	31.9	31.2	30.6	30.0	29.5
66	34.4	33.7	33.0	32.3	31.6	30.9	30.3	29.7	29.1
67	34.2	33.5	32.7	32.0	31.3	30.6	30.0	29.4	28.7
68	34.1	33.3	32.5	31.8	31.1	30.4	29.7	29.1	28.4
69	33.9	33.1	32.3	31.6	30.9	30.1	29.4	28.8	28.1
70	33.8	33.0	32.2	31.4	30.7	29.9	29.2	28.5	27.9
71	33.6	32.8	32.0	31.2	30.5	29.7	29.0	28.3	27.6
72	33.5	32.7	31.9	31.1	30.3	29.5	28.8	28.1	27.4
73	33.4	32.6	31.7	30.9	30.1	29.4	28.6	27.9	27.2
74	33.3	32.4	31.6	30.8	30.0	29.2	28.4	27.7	27.0
75	33.2	32.4	31.5	30.7	29.9	29.1	28.3	27.5	26.8
76	33.1	32.3	31.4	30.6	29.8	29.0	28.2	27.4	26.6
77	33.0	32.2	31.3	30.5	29.7	28.8	28.0	27.3	26.5
78	33.0	32.1	31.2	30.4	29.6	28.7	27.9	27.1	26.4
79	32.9	32.0	31.2	30.3	29.5	28.7	27.8	27.0	26.2
80	32.9	32.0	31.1	30.3	29.4	28.6	27.8	26.9	26.1
81	32.8	31.9	31.1	30.2	29.3	28.5	27.7	26.9	26.0
82	32.8	31.9	31.0	30.1	29.3	28.4	27.6	26.8	26.0
83	32.7	31.8	31.0	30.1	29.2	28.4	27.5	26.7	25.9
84	32.7	31.8	30.9	30.0	29.2	28.3	27.5	26.7	25.8
85	32.7	31.8	30.9	30.0	29.1	28.3	27.4	26.6	25.8
86	32.6	31.7	30.9	30.0	29.1	28.2	27.4	26.6	25.7
87	32.6	31.7	30.8	29.9	29.1	28.2	27.4	26.5	25.7
88	32.6	31.7	30.8	29.9	29.0	28.2	27.3	26.5	25.6
89	32.6	31.7	30.8	29.9	29.0	28.2	27.3	26.4	25.6

90	32.6	31.7	30.8	29.9	29.0	28.1	27.3	26.4	25.6
91	32.5	31.6	30.7	29.9	29.0	28.1	27.3	26.4	25.6
92	32.5	31.6	30.7	29.8	29.0	28.1	27.2	26.4	25.5
93	32.5	31.6	30.7	29.8	29.0	28.1	27.2	26.4	25.5
94	32.5	31.6	30.7	29.8	28.9	28.1	27.2	26.3	25.5
95	32.5	31.6	30.7	29.8	28.9	28.1	27.2	26.3	25.5
96	32.5	31.6	30.7	29.8	28.9	28.0	27.2	26.3	25.5
97	32.5	31.6	30.7	29.8	28.9	28.0	27.2	26.3	25.5
98	32.5	31.6	30.7	29.8	28.9	28.0	27.2	26.3	25.5
99	32.5	31.6	30.7	29.8	28.9	28.0	27.2	26.3	25.4
100	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
101	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
102	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
103	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
104	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
105	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
106	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
107	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
108	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
109	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
110	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
111	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
112	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
113	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
114	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
115	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4

116	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
117	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
118	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.3	25.4
119	32.5	31.6	30.7	29.8	28.9	28.0	27.1	26.2	25.4
120+	32.5	31.6	30.6	29.8	28.9	28.0	27.1	26.2	25.4
Ages	63	64	65	66	67	68	69	70	71
0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
2	82.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
3	81.9	81.9	81.9	81.9	81.9	81.8	81.8	81.8	81.8
4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
7	78.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
8	77.0	77.0	77.0	76.9	76.9	76.9	76.9	76.9	76.9
9	76.0	76.0	76.0	76.0	76.0	75.9	75.9	75.9	75.9
10	75.0	75.0	75.0	75.0	75.0	75.0	75.0	74.9	74.9
11	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
12	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
13	72.1	72.1	72.0	72.0	72.0	72.0	72.0	72.0	72.0
14	71.1	71.1	71.1	71.1	71.0	71.0	71.0	71.0	71.0
15	70.1	70.1	70.1	70.1	70.1	70.1	70.0	70.0	70.0
16	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.0
17	68.2	68.2	68.1	68.1	68.1	68.1	68.1	68.1	68.1
18	67.2	67.2	67.2	67.2	67.1	67.1	67.1	67.1	67.1
19	66.2	66.2	66.2	66.2	66.2	66.2	66.1	66.1	66.1

20	65.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.1
21	64.3	64.3	64.3	64.2	64.2	64.2	64.2	64.2	64.2
22	63.3	63.3	63.3	63.3	63.3	63.2	63.2	63.2	63.2
23	62.4	62.3	62.3	62.3	62.3	62.3	62.3	62.2	62.2
24	61.4	61.4	61.4	61.3	61.3	61.3	61.3	61.3	61.3
25	60.5	60.4	60.4	60.4	60.4	60.3	60.3	60.3	60.3
26	59.5	59.5	59.5	59.4	59.4	59.4	59.4	59.4	59.3
27	58.6	58.5	58.5	58.5	58.5	58.4	58.4	58.4	58.4
28	57.6	57.6	57.5	57.5	57.5	57.5	57.5	57.4	57.4
29	56.7	56.6	56.6	56.6	56.5	56.5	56.5	56.5	56.5
30	55.7	55.7	55.7	55.6	55.6	55.6	55.6	55.5	55.5
31	54.8	54.8	54.7	54.7	54.7	54.6	54.6	54.6	54.6
32	53.9	53.8	53.8	53.7	53.7	53.7	53.7	53.6	53.6
33	52.9	52.9	52.8	52.8	52.8	52.7	52.7	52.7	52.7
34	52.0	52.0	51.9	51.9	51.8	51.8	51.8	51.7	51.7
35	51.1	51.0	51.0	50.9	50.9	50.9	50.8	50.8	50.8
36	50.2	50.1	50.1	50.0	50.0	49.9	49.9	49.9	49.8
37	49.3	49.2	49.1	49.1	49.0	49.0	49.0	48.9	48.9
38	48.3	48.3	48.2	48.2	48.1	48.1	48.0	48.0	47.9
39	47.4	47.4	47.3	47.2	47.2	47.1	47.1	47.0	47.0
40	46.5	46.5	46.4	46.3	46.3	46.2	46.2	46.1	46.1
41	45.7	45.6	45.5	45.4	45.4	45.3	45.2	45.2	45.1
42	44.8	44.7	44.6	44.5	44.4	44.4	44.3	44.3	44.2
43	43.9	43.8	43.7	43.6	43.5	43.5	43.4	43.3	43.3
44	43.0	42.9	42.8	42.7	42.6	42.6	42.5	42.4	42.4
45	42.2	42.1	41.9	41.8	41.8	41.7	41.6	41.5	41.5

46	41.3	41.2	41.1	41.0	40.9	40.8	40.7	40.6	40.6
47	40.5	40.4	40.2	40.1	40.0	39.9	39.8	39.7	39.7
48	39.7	39.5	39.4	39.3	39.1	39.0	38.9	38.8	38.8
49	38.9	38.7	38.6	38.4	38.3	38.2	38.1	38.0	37.9
50	38.1	37.9	37.7	37.6	37.5	37.3	37.2	37.1	37.0
51	37.3	37.1	36.9	36.8	36.6	36.5	36.4	36.2	36.1
52	36.6	36.3	36.2	36.0	35.8	35.7	35.5	35.4	35.3
53	35.8	35.6	35.4	35.2	35.0	34.9	34.7	34.6	34.5
54	35.1	34.9	34.6	34.4	34.2	34.1	33.9	33.8	33.6
55	34.4	34.2	33.9	33.7	33.5	33.3	33.1	33.0	32.8
56	33.8	33.5	33.2	33.0	32.7	32.5	32.3	32.2	32.0
57	33.1	32.8	32.5	32.3	32.0	31.8	31.6	31.4	31.2
58	32.5	32.2	31.9	31.6	31.3	31.1	30.9	30.7	30.5
59	31.9	31.5	31.2	30.9	30.6	30.4	30.1	29.9	29.7
60	31.3	31.0	30.6	30.3	30.0	29.7	29.4	29.2	29.0
61	30.8	30.4	30.0	29.7	29.4	29.1	28.8	28.5	28.3
62	30.3	29.9	29.5	29.1	28.7	28.4	28.1	27.9	27.6
63	29.8	29.4	28.9	28.5	28.2	27.8	27.5	27.2	26.9
64	29.4	28.9	28.4	28.0	27.6	27.2	26.9	26.6	26.3
65	28.9	28.4	28.0	27.5	27.1	26.7	26.3	26.0	25.7
66	28.5	28.0	27.5	27.0	26.6	26.2	25.8	25.4	25.1
67	28.2	27.6	27.1	26.6	26.1	25.7	25.3	24.9	24.5
68	27.8	27.2	26.7	26.2	25.7	25.2	24.8	24.3	24.0
69	27.5	26.9	26.3	25.8	25.3	24.8	24.3	23.9	23.4
70	27.2	26.6	26.0	25.4	24.9	24.3	23.9	23.4	22.9
71	26.9	26.3	25.7	25.1	24.5	24.0	23.4	22.9	22.5

72	26.7	26.0	25.4	24.8	24.2	23.6	23.1	22.5	22.0
73	26.5	25.8	25.1	24.5	23.9	23.3	22.7	22.2	21.6
74	26.2	25.5	24.9	24.2	23.6	23.0	22.4	21.8	21.3
75	26.1	25.3	24.6	24.0	23.3	22.7	22.1	21.5	20.9
76	25.9	25.2	24.4	23.7	23.1	22.4	21.8	21.2	20.6
77	25.7	25.0	24.3	23.5	22.9	22.2	21.5	20.9	20.3
78	25.6	24.8	24.1	23.4	22.7	22.0	21.3	20.6	20.0
79	25.5	24.7	23.9	23.2	22.5	21.8	21.1	20.4	19.8
80	25.3	24.6	23.8	23.1	22.3	21.6	20.9	20.2	19.6
81	25.2	24.5	23.7	22.9	22.2	21.5	20.7	20.0	19.4
82	25.2	24.4	23.6	22.8	22.1	21.3	20.6	19.9	19.2
83	25.1	24.3	23.5	22.7	22.0	21.2	20.5	19.7	19.0
84	25.0	24.2	23.4	22.6	21.9	21.1	20.4	19.6	18.9
85	25.0	24.1	23.3	22.6	21.8	21.0	20.3	19.5	18.8
86	24.9	24.1	23.3	22.5	21.7	20.9	20.2	19.4	18.7
87	24.9	24.0	23.2	22.4	21.6	20.9	20.1	19.3	18.6
88	24.8	24.0	23.2	22.4	21.6	20.8	20.0	19.2	18.5
89	24.8	24.0	23.1	22.3	21.5	20.7	20.0	19.2	18.4
90	24.7	23.9	23.1	22.3	21.5	20.7	19.9	19.1	18.4
91	24.7	23.9	23.1	22.3	21.5	20.7	19.9	19.1	18.3
92	24.7	23.9	23.0	22.2	21.4	20.6	19.8	19.0	18.3
93	24.7	23.8	23.0	22.2	21.4	20.6	19.8	19.0	18.2
94	24.7	23.8	23.0	22.2	21.4	20.6	19.8	19.0	18.2
95	24.6	23.8	23.0	22.2	21.4	20.6	19.7	18.9	18.2
96	24.6	23.8	23.0	22.2	21.3	20.5	19.7	18.9	18.1
97	24.6	23.8	23.0	22.1	21.3	20.5	19.7	18.9	18.1

[illegible]

28	57.4	57.4	57.4	57.4	57.4	57.3	57.3	57.3	57.3
29	56.5	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
30	55.5	55.5	55.5	55.5	55.4	55.4	55.4	55.4	55.4
31	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.4
32	53.6	53.6	53.6	53.5	53.5	53.5	53.5	53.5	53.5
33	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.5	52.5
34	51.7	51.7	51.7	51.6	51.6	51.6	51.6	51.6	51.6
35	50.8	50.7	50.7	50.7	50.7	50.7	50.6	50.6	50.6
36	49.8	49.8	49.8	49.7	49.7	49.7	49.7	49.7	49.7
37	48.9	48.8	48.8	48.8	48.8	48.8	48.7	48.7	48.7
38	47.9	47.9	47.9	47.8	47.8	47.8	47.8	47.8	47.8
39	47.0	46.9	46.9	46.9	46.9	46.9	46.8	46.8	46.8
40	46.0	46.0	46.0	45.9	45.9	45.9	45.9	45.9	45.9
41	45.1	45.1	45.0	45.0	45.0	45.0	44.9	44.9	44.9
42	44.2	44.1	44.1	44.1	44.0	44.0	44.0	44.0	43.9
43	43.2	43.2	43.2	43.1	43.1	43.1	43.0	43.0	43.0
44	42.3	42.3	42.2	42.2	42.2	42.1	42.1	42.1	42.1
45	41.4	41.4	41.3	41.3	41.2	41.2	41.2	41.1	41.1
46	40.5	40.4	40.4	40.3	40.3	40.3	40.2	40.2	40.2
47	39.6	39.5	39.5	39.4	39.4	39.3	39.3	39.3	39.2
48	38.7	38.6	38.6	38.5	38.5	38.4	38.4	38.3	38.3
49	37.8	37.7	37.7	37.6	37.5	37.5	37.5	37.4	37.4
50	36.9	36.8	36.8	36.7	36.6	36.6	36.5	36.5	36.5
51	36.0	36.0	35.9	35.8	35.7	35.7	35.6	35.6	35.5
52	35.2	35.1	35.0	34.9	34.9	34.8	34.7	34.7	34.6
53	34.3	34.2	34.1	34.1	34.0	33.9	33.9	33.8	33.7

54	33.5	33.4	33.3	33.2	33.1	33.0	33.0	32.9	32.9
55	32.7	32.6	32.4	32.4	32.3	32.2	32.1	32.0	32.0
56	31.9	31.7	31.6	31.5	31.4	31.3	31.2	31.2	31.1
57	31.1	30.9	30.8	30.7	30.6	30.5	30.4	30.3	30.3
58	30.3	30.1	30.0	29.9	29.8	29.7	29.6	29.5	29.4
59	29.5	29.4	29.2	29.1	29.0	28.8	28.7	28.7	28.6
60	28.8	28.6	28.4	28.3	28.2	28.0	27.9	27.8	27.8
61	28.1	27.9	27.7	27.5	27.4	27.3	27.1	27.0	26.9
62	27.4	27.2	27.0	26.8	26.6	26.5	26.4	26.2	26.1
63	26.7	26.5	26.2	26.1	25.9	25.7	25.6	25.5	25.3
64	26.0	25.8	25.5	25.3	25.2	25.0	24.8	24.7	24.6
65	25.4	25.1	24.9	24.6	24.4	24.3	24.1	23.9	23.8
66	24.8	24.5	24.2	24.0	23.7	23.5	23.4	23.2	23.1
67	24.2	23.9	23.6	23.3	23.1	22.9	22.7	22.5	22.3
68	23.6	23.3	23.0	22.7	22.4	22.2	22.0	21.8	21.6
69	23.1	22.7	22.4	22.1	21.8	21.5	21.3	21.1	20.9
70	22.5	22.2	21.8	21.5	21.2	20.9	20.6	20.4	20.2
71	22.0	21.6	21.3	20.9	20.6	20.3	20.0	19.8	19.6
72	21.6	21.1	20.7	20.4	20.0	19.7	19.4	19.2	18.9
73	21.1	20.7	20.3	19.9	19.5	19.1	18.8	18.6	18.3
74	20.7	20.3	19.8	19.4	19.0	18.6	18.3	18.0	17.7
75	20.4	19.9	19.4	18.9	18.5	18.1	17.8	17.4	17.1
76	20.0	19.5	19.0	18.5	18.1	17.7	17.3	16.9	16.6
77	19.7	19.1	18.6	18.1	17.7	17.2	16.8	16.4	16.1
78	19.4	18.8	18.3	17.8	17.3	16.8	16.4	16.0	15.6
79	19.2	18.6	18.0	17.4	16.9	16.4	16.0	15.6	15.2

80	18.9	18.3	17.7	17.1	16.6	16.1	15.6	15.2	14.7
81	18.7	18.1	17.4	16.9	16.3	15.8	15.3	14.8	14.4
82	18.5	17.9	17.2	16.6	16.0	15.5	15.0	14.5	14.0
83	18.3	17.7	17.0	16.4	15.8	15.2	14.7	14.2	13.7
84	18.2	17.5	16.8	16.2	15.6	15.0	14.4	13.9	13.4
85	18.1	17.4	16.7	16.0	15.4	14.8	14.2	13.6	13.1
86	17.9	17.2	16.5	15.9	15.2	14.6	14.0	13.4	12.9
87	17.8	17.1	16.4	15.7	15.1	14.4	13.8	13.2	12.7
88	17.7	17.0	16.3	15.6	14.9	14.3	13.7	13.1	12.5
89	17.7	16.9	16.2	15.5	14.8	14.2	13.5	12.9	12.3
90	17.6	16.9	16.1	15.4	14.7	14.1	13.4	12.8	12.2
91	17.5	16.8	16.1	15.3	14.6	14.0	13.3	12.7	12.1
92	17.5	16.7	16.0	15.3	14.6	13.9	13.2	12.6	11.9
93	17.4	16.7	15.9	15.2	14.5	13.8	13.1	12.5	11.9
94	17.4	16.6	15.9	15.2	14.4	13.7	13.1	12.4	11.8
95	17.4	16.6	15.9	15.1	14.4	13.7	13.0	12.3	11.7
96	17.4	16.6	15.8	15.1	14.3	13.6	12.9	12.3	11.6
97	17.3	16.6	15.8	15.0	14.3	13.6	12.9	12.2	11.6
98	17.3	16.5	15.8	15.0	14.3	13.6	12.9	12.2	11.5
99	17.3	16.5	15.7	15.0	14.3	13.5	12.8	12.2	11.5
100	17.3	16.5	15.7	15.0	14.2	13.5	12.8	12.1	11.5
101	17.3	16.5	15.7	15.0	14.2	13.5	12.8	12.1	11.4
102	17.3	16.5	15.7	14.9	14.2	13.5	12.8	12.1	11.4
103	17.3	16.5	15.7	14.9	14.2	13.5	12.8	12.1	11.4
104	17.2	16.5	15.7	14.9	14.2	13.5	12.7	12.0	11.4
105	17.2	16.5	15.7	14.9	14.2	13.4	12.7	12.0	11.4

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36	49.7	49.7	49.6	49.6	49.6	49.6	49.6	49.6	49.6
37	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
38	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
39	46.8	46.8	46.8	46.8	46.8	46.7	46.7	46.7	46.7
40	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
41	44.9	44.9	44.9	44.9	44.8	44.8	44.8	44.8	44.8
42	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
43	43.0	43.0	43.0	42.9	42.9	42.9	42.9	42.9	42.9
44	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	41.9
45	41.1	41.1	41.1	41.0	41.0	41.0	41.0	41.0	41.0
46	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.0	40.0
47	39.2	39.2	39.2	39.2	39.1	39.1	39.1	39.1	39.1
48	38.3	38.3	38.2	38.2	38.2	38.2	38.2	38.2	38.1
49	37.3	37.3	37.3	37.3	37.3	37.2	37.2	37.2	37.2
50	36.4	36.4	36.4	36.3	36.3	36.3	36.3	36.3	36.3
51	35.5	35.5	35.4	35.4	35.4	35.4	35.4	35.3	35.3
52	34.6	34.6	34.5	34.5	34.5	34.5	34.4	34.4	34.4
53	33.7	33.7	33.6	33.6	33.6	33.5	33.5	33.5	33.5
54	32.8	32.8	32.7	32.7	32.7	32.6	32.6	32.6	32.6
55	31.9	31.9	31.8	31.8	31.8	31.7	31.7	31.7	31.7
56	31.1	31.0	31.0	30.9	30.9	30.9	30.8	30.8	30.8
57	30.2	30.1	30.1	30.0	30.0	30.0	29.9	29.9	29.9
58	29.3	29.3	29.2	29.2	29.1	29.1	29.1	29.0	29.0
59	28.5	28.4	28.4	28.3	28.3	28.2	28.2	28.2	28.2
60	27.7	27.6	27.5	27.5	27.4	27.4	27.4	27.3	27.3
61	26.9	26.8	26.7	26.7	26.6	26.6	26.5	26.5	26.4

62	26.0	26.0	25.9	25.8	25.8	25.7	25.7	25.6	25.6
63	25.2	25.2	25.1	25.0	25.0	24.9	24.9	24.8	24.8
64	24.5	24.4	24.3	24.2	24.1	24.1	24.0	24.0	24.0
65	23.7	23.6	23.5	23.4	23.3	23.3	23.2	23.2	23.1
66	22.9	22.8	22.7	22.6	22.6	22.5	22.4	22.4	22.3
67	22.2	22.1	22.0	21.9	21.8	21.7	21.6	21.6	21.5
68	21.5	21.3	21.2	21.1	21.0	20.9	20.9	20.8	20.7
69	20.7	20.6	20.5	20.4	20.3	20.2	20.1	20.0	20.0
70	20.0	19.9	19.7	19.6	19.5	19.4	19.3	19.2	19.2
71	19.4	19.2	19.0	18.9	18.8	18.7	18.6	18.5	18.4
72	18.7	18.5	18.3	18.2	18.1	17.9	17.8	17.7	17.7
73	18.1	17.9	17.7	17.5	17.4	17.2	17.1	17.0	16.9
74	17.4	17.2	17.0	16.8	16.7	16.5	16.4	16.3	16.2
75	16.9	16.6	16.4	16.2	16.0	15.9	15.7	15.6	15.5
76	16.3	16.0	15.8	15.6	15.4	15.2	15.1	14.9	14.8
77	15.8	15.5	15.2	15.0	14.8	14.6	14.4	14.3	14.2
78	15.3	15.0	14.7	14.4	14.2	14.0	13.8	13.7	13.5
79	14.8	14.5	14.2	13.9	13.6	13.4	13.2	13.1	12.9
80	14.4	14.0	13.7	13.4	13.1	12.9	12.7	12.5	12.3
81	14.0	13.6	13.2	12.9	12.6	12.4	12.2	12.0	11.8
82	13.6	13.2	12.8	12.5	12.2	11.9	11.7	11.5	11.3
83	13.2	12.8	12.4	12.1	11.8	11.5	11.2	11.0	10.8
84	12.9	12.5	12.1	11.7	11.4	11.1	10.8	10.5	10.3
85	12.6	12.2	11.8	11.4	11.0	10.7	10.4	10.1	9.9
86	12.4	11.9	11.5	11.1	10.7	10.4	10.0	9.8	9.5
87	12.2	11.7	11.2	10.8	10.4	10.0	9.7	9.4	9.1

88	12.0	11.5	11.0	10.5	10.1	9.8	9.4	9.1	8.8
89	11.8	11.3	10.8	10.3	9.9	9.5	9.1	8.8	8.5
90	11.6	11.1	10.6	10.1	9.7	9.3	8.9	8.6	8.3
91	11.5	10.9	10.4	9.9	9.5	9.1	8.7	8.3	8.0
92	11.4	10.8	10.3	9.8	9.3	8.9	8.5	8.1	7.8
93	11.3	10.7	10.1	9.6	9.2	8.7	8.3	7.9	7.6
94	11.2	10.6	10.0	9.5	9.0	8.6	8.2	7.8	7.4
95	11.1	10.5	9.9	9.4	8.9	8.5	8.0	7.6	7.3
96	11.0	10.4	9.9	9.3	8.8	8.4	7.9	7.5	7.1
97	11.0	10.4	9.8	9.2	8.7	8.3	7.8	7.4	7.0
98	10.9	10.3	9.7	9.2	8.7	8.2	7.7	7.3	6.9
99	10.9	10.2	9.7	9.1	8.6	8.1	7.6	7.2	6.8
100	10.8	10.2	9.6	9.1	8.5	8.0	7.6	7.2	6.8
101	10.8	10.2	9.6	9.0	8.5	8.0	7.5	7.1	6.7
102	10.8	10.1	9.6	9.0	8.5	8.0	7.5	7.0	6.6
103	10.7	10.1	9.5	9.0	8.4	7.9	7.4	7.0	6.6
104	10.7	10.1	9.5	8.9	8.4	7.9	7.4	7.0	6.6
105	10.7	10.1	9.5	8.9	8.4	7.9	7.4	6.9	6.5
106	10.7	10.1	9.5	8.9	8.4	7.9	7.4	6.9	6.5
107	10.7	10.1	9.5	8.9	8.4	7.9	7.4	6.9	6.5
108	10.7	10.1	9.5	8.9	8.4	7.8	7.4	6.9	6.5
109	10.7	10.1	9.5	8.9	8.4	7.8	7.4	6.9	6.5
110	10.7	10.1	9.5	8.9	8.3	7.8	7.4	6.9	6.5
111	10.7	10.1	9.5	8.9	8.3	7.8	7.3	6.9	6.5
112	10.7	10.1	9.5	8.9	8.3	7.8	7.3	6.9	6.5
113	10.7	10.0	9.4	8.9	8.3	7.8	7.3	6.9	6.4

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44	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
45	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
46	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
47	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
48	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
49	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
50	36.3	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
51	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
52	34.4	34.4	34.4	34.4	34.4	34.4	34.3	34.3	34.3
53	33.5	33.5	33.5	33.4	33.4	33.4	33.4	33.4	33.4
54	32.6	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
55	31.7	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
56	30.8	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
57	29.9	29.9	29.8	29.8	29.8	29.8	29.8	29.8	29.8
58	29.0	29.0	29.0	29.0	28.9	28.9	28.9	28.9	28.9
59	28.1	28.1	28.1	28.1	28.1	28.1	28.0	28.0	28.0
60	27.3	27.3	27.2	27.2	27.2	27.2	27.2	27.2	27.2
61	26.4	26.4	26.4	26.4	26.3	26.3	26.3	26.3	26.3
62	25.6	25.6	25.5	25.5	25.5	25.5	25.5	25.5	25.5
63	24.7	24.7	24.7	24.7	24.7	24.6	24.6	24.6	24.6
64	23.9	23.9	23.9	23.8	23.8	23.8	23.8	23.8	23.8
65	23.1	23.1	23.0	23.0	23.0	23.0	23.0	23.0	22.9
66	22.3	22.3	22.2	22.2	22.2	22.2	22.2	22.1	22.1
67	21.5	21.5	21.4	21.4	21.4	21.4	21.3	21.3	21.3
68	20.7	20.7	20.6	20.6	20.6	20.6	20.5	20.5	20.5
69	19.9	19.9	19.8	19.8	19.8	19.7	19.7	19.7	19.7

70	19.1	19.1	19.0	19.0	19.0	18.9	18.9	18.9	18.9
71	18.4	18.3	18.3	18.2	18.2	18.2	18.1	18.1	18.1
72	17.6	17.5	17.5	17.4	17.4	17.4	17.4	17.3	17.3
73	16.9	16.8	16.7	16.7	16.6	16.6	16.6	16.6	16.5
74	16.1	16.1	16.0	15.9	15.9	15.9	15.8	15.8	15.8
75	15.4	15.3	15.3	15.2	15.2	15.1	15.1	15.0	15.0
76	14.7	14.6	14.6	14.5	14.4	14.4	14.3	14.3	14.3
77	14.1	14.0	13.9	13.8	13.7	13.7	13.6	13.6	13.6
78	13.4	13.3	13.2	13.1	13.1	13.0	12.9	12.9	12.9
79	12.8	12.7	12.6	12.5	12.4	12.3	12.3	12.2	12.2
80	12.2	12.1	11.9	11.9	11.8	11.7	11.6	11.6	11.5
81	11.6	11.5	11.4	11.3	11.2	11.1	11.0	11.0	10.9
82	11.1	10.9	10.8	10.7	10.6	10.5	10.4	10.4	10.3
83	10.6	10.4	10.3	10.1	10.0	9.9	9.9	9.8	9.7
84	10.1	9.9	9.8	9.6	9.5	9.4	9.3	9.2	9.2
85	9.7	9.5	9.3	9.2	9.0	8.9	8.8	8.7	8.7
86	9.3	9.1	8.9	8.7	8.6	8.5	8.4	8.3	8.2
87	8.9	8.7	8.5	8.3	8.2	8.0	7.9	7.8	7.7
88	8.6	8.3	8.1	7.9	7.8	7.6	7.5	7.4	7.3
89	8.3	8.0	7.8	7.6	7.4	7.3	7.1	7.0	6.9
90	8.0	7.7	7.5	7.3	7.1	6.9	6.8	6.7	6.6
91	7.7	7.5	7.2	7.0	6.8	6.6	6.5	6.4	6.2
92	7.5	7.2	7.0	6.7	6.5	6.4	6.2	6.1	5.9
93	7.3	7.0	6.7	6.5	6.3	6.1	5.9	5.8	5.7
94	7.1	6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.4
95	6.9	6.6	6.4	6.1	5.9	5.7	5.5	5.3	5.2

96	6.8	6.5	6.2	5.9	5.7	5.5	5.3	5.1	5.0
97	6.7	6.4	6.1	5.8	5.5	5.3	5.1	4.9	4.8
98	6.6	6.2	5.9	5.7	5.4	5.2	5.0	4.8	4.6
99	6.5	6.1	5.8	5.5	5.3	5.0	4.8	4.6	4.5
100	6.4	6.0	5.7	5.4	5.2	4.9	4.7	4.5	4.3
101	6.3	6.0	5.6	5.3	5.1	4.8	4.6	4.4	4.2
102	6.3	5.9	5.6	5.3	5.0	4.7	4.5	4.3	4.1
103	6.2	5.9	5.5	5.2	4.9	4.7	4.5	4.2	4.1
104	6.2	5.8	5.5	5.2	4.9	4.6	4.4	4.2	4.0
105	6.1	5.8	5.4	5.1	4.9	4.6	4.4	4.1	4.0
106	6.1	5.8	5.4	5.1	4.8	4.6	4.3	4.1	3.9
107	6.1	5.8	5.4	5.1	4.8	4.6	4.3	4.1	3.9
108	6.1	5.7	5.4	5.1	4.8	4.5	4.3	4.1	3.9
109	6.1	5.7	5.4	5.1	4.8	4.5	4.3	4.1	3.9
110	6.1	5.7	5.4	5.1	4.8	4.5	4.3	4.1	3.9
111	6.1	5.7	5.4	5.1	4.8	4.5	4.3	4.1	3.9
112	6.1	5.7	5.4	5.1	4.8	4.5	4.3	4.0	3.8
113	6.1	5.7	5.3	5.0	4.7	4.5	4.2	4.0	3.8
114	6.0	5.7	5.3	5.0	4.7	4.4	4.2	4.0	3.8
115	6.0	5.6	5.3	5.0	4.7	4.4	4.2	4.0	3.8
116	6.0	5.6	5.2	4.9	4.6	4.4	4.1	3.9	3.7
117	5.9	5.5	5.2	4.9	4.6	4.3	4.0	3.8	3.6
118	5.8	5.5	5.1	4.8	4.5	4.2	3.9	3.7	3.5
119	5.8	5.4	5.0	4.7	4.4	4.1	3.8	3.6	3.3
120+	5.7	5.3	4.9	4.6	4.3	4.0	3.7	3.4	3.2
Ages	99	100	101	102	103	104	105	106	107

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52	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
53	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
54	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
55	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
56	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
57	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
58	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
59	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
60	27.2	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
61	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
62	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
63	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
64	23.8	23.8	23.8	23.7	23.7	23.7	23.7	23.7	23.7
65	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
66	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
67	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
68	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
69	19.7	19.7	19.7	19.7	19.6	19.6	19.6	19.6	19.6
70	18.9	18.9	18.9	18.8	18.8	18.8	18.8	18.8	18.8
71	18.1	18.1	18.1	18.0	18.0	18.0	18.0	18.0	18.0
72	17.3	17.3	17.3	17.3	17.3	17.2	17.2	17.2	17.2
73	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
74	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
75	15.0	15.0	15.0	14.9	14.9	14.9	14.9	14.9	14.9
76	14.3	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
77	13.5	13.5	13.5	13.5	13.5	13.5	13.4	13.4	13.4

78	12.8	12.8	12.8	12.8	12.8	12.7	12.7	12.7	12.7
79	12.2	12.1	12.1	12.1	12.1	12.0	12.0	12.0	12.0
80	11.5	11.5	11.4	11.4	11.4	11.4	11.4	11.4	11.4
81	10.9	10.8	10.8	10.8	10.7	10.7	10.7	10.7	10.7
82	10.2	10.2	10.2	10.1	10.1	10.1	10.1	10.1	10.1
83	9.7	9.6	9.6	9.6	9.5	9.5	9.5	9.5	9.5
84	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.9	8.9
85	8.6	8.5	8.5	8.5	8.4	8.4	8.4	8.4	8.4
86	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.9	7.9
87	7.6	7.6	7.5	7.5	7.4	7.4	7.4	7.4	7.4
88	7.2	7.2	7.1	7.0	7.0	7.0	6.9	6.9	6.9
89	6.8	6.8	6.7	6.6	6.6	6.6	6.5	6.5	6.5
90	6.5	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.1
91	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.8	5.8
92	5.8	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.4
93	5.5	5.4	5.3	5.3	5.2	5.2	5.1	5.1	5.1
94	5.3	5.2	5.1	5.0	4.9	4.9	4.9	4.8	4.8
95	5.0	4.9	4.8	4.7	4.7	4.6	4.6	4.6	4.6
96	4.8	4.7	4.6	4.5	4.5	4.4	4.4	4.3	4.3
97	4.6	4.5	4.4	4.3	4.2	4.2	4.1	4.1	4.1
98	4.5	4.3	4.2	4.1	4.1	4.0	4.0	3.9	3.9
99	4.3	4.2	4.1	4.0	3.9	3.8	3.8	3.8	3.7
100	4.2	4.1	3.9	3.8	3.7	3.7	3.6	3.6	3.6
101	4.1	3.9	3.8	3.7	3.6	3.5	3.5	3.5	3.4
102	4.0	3.8	3.7	3.6	3.5	3.4	3.4	3.3	3.3
103	3.9	3.7	3.6	3.5	3.4	3.3	3.3	3.2	3.2

[illegible]

[illegible]

[illegible]

60	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
61	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
62	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
63	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
64	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
65	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
66	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
67	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
68	20.5	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
69	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
70	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
71	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
72	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
73	16.5	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
74	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.6
75	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
76	14.2	14.2	14.2	14.2	14.2	14.2	14.1	14.1	14.1
77	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
78	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
79	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
80	11.4	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
81	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.6
82	10.1	10.1	10.1	10.1	10.1	10.0	10.0	10.0	10.0
83	9.5	9.5	9.5	9.5	9.5	9.4	9.4	9.4	9.4
84	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.8
85	8.4	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.3

86	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7
87	7.4	7.4	7.4	7.3	7.3	7.3	7.3	7.3	7.3
88	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.8
89	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4
90	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0
91	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.6
92	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.2
93	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	4.9
94	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6
95	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4
96	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.1
97	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.9
98	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.7
99	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
100	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.4	3.3
101	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.2
102	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1
103	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.0
104	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.9
105	3.1	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.8
106	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8
107	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8
108	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8
109	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8
110	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.7
111	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.8	2.7

112	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.7
113	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.7
114	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7	2.6
115	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.6
116	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.5
117	2.7	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.4
118	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.2
119	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.0
120+	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8
Ages	117	118	119	120+					
0	84.6	84.6	84.6	84.6					
1	83.7	83.7	83.7	83.7					
2	82.8	82.8	82.8	82.8					
3	81.8	81.8	81.8	81.8					
4	80.8	80.8	80.8	80.8					
5	79.8	79.8	79.8	79.8					
6	78.8	78.8	78.8	78.8					
7	77.9	77.9	77.9	77.9					
8	76.9	76.9	76.9	76.9					
9	75.9	75.9	75.9	75.9					
10	74.9	74.9	74.9	74.9					
11	73.9	73.9	73.9	73.9					
12	72.9	72.9	72.9	72.9					
13	71.9	71.9	71.9	71.9					
14	70.9	70.9	70.9	70.9					
15	69.9	69.9	69.9	69.9					

16	69.0	69.0	69.0	69.0
17	68.0	68.0	68.0	68.0
18	67.0	67.0	67.0	67.0
19	66.0	66.0	66.0	66.0
20	65.0	65.0	65.0	65.0
21	64.1	64.1	64.1	64.1
22	63.1	63.1	63.1	63.1
23	62.1	62.1	62.1	62.1
24	61.1	61.1	61.1	61.1
25	60.2	60.2	60.2	60.2
26	59.2	59.2	59.2	59.2
27	58.2	58.2	58.2	58.2
28	57.3	57.3	57.3	57.3
29	56.3	56.3	56.3	56.3
30	55.3	55.3	55.3	55.3
31	54.4	54.4	54.4	54.4
32	53.4	53.4	53.4	53.4
33	52.5	52.5	52.5	52.5
34	51.5	51.5	51.5	51.5
35	50.5	50.5	50.5	50.5
36	49.6	49.6	49.6	49.6
37	48.6	48.6	48.6	48.6
38	47.7	47.7	47.7	47.7
39	46.7	46.7	46.7	46.7
40	45.7	45.7	45.7	45.7
41	44.8	44.8	44.8	44.8

42	43.8	43.8	43.8	43.8
43	42.9	42.9	42.9	42.9
44	41.9	41.9	41.9	41.9
45	41.0	41.0	41.0	41.0
46	40.0	40.0	40.0	40.0
47	39.0	39.0	39.0	39.0
48	38.1	38.1	38.1	38.1
49	37.1	37.1	37.1	37.1
50	36.2	36.2	36.2	36.2
51	35.3	35.3	35.3	35.3
52	34.3	34.3	34.3	34.3
53	33.4	33.4	33.4	33.4
54	32.5	32.5	32.5	32.5
55	31.6	31.6	31.6	31.6
56	30.7	30.7	30.7	30.6
57	29.8	29.8	29.8	29.8
58	28.9	28.9	28.9	28.9
59	28.0	28.0	28.0	28.0
60	27.1	27.1	27.1	27.1
61	26.3	26.3	26.2	26.2
62	25.4	25.4	25.4	25.4
63	24.6	24.5	24.5	24.5
64	23.7	23.7	23.7	23.7
65	22.9	22.9	22.9	22.9
66	22.1	22.1	22.1	22.0
67	21.2	21.2	21.2	21.2

68	20.4	20.4	20.4	20.4
69	19.6	19.6	19.6	19.6
70	18.8	18.8	18.8	18.8
71	18.0	18.0	18.0	18.0
72	17.2	17.2	17.2	17.2
73	16.4	16.4	16.4	16.4
74	15.6	15.6	15.6	15.6
75	14.9	14.9	14.8	14.8
76	14.1	14.1	14.1	14.1
77	13.4	13.4	13.4	13.3
78	12.7	12.6	12.6	12.6
79	12.0	11.9	11.9	11.9
80	11.3	11.3	11.2	11.2
81	10.6	10.6	10.6	10.5
82	10.0	10.0	9.9	9.9
83	9.4	9.3	9.3	9.3
84	8.8	8.8	8.7	8.7
85	8.2	8.2	8.2	8.1
86	7.7	7.7	7.6	7.6
87	7.2	7.2	7.1	7.1
88	6.8	6.7	6.6	6.6
89	6.3	6.3	6.2	6.1
90	5.9	5.8	5.8	5.7
91	5.5	5.5	5.4	5.3
92	5.2	5.1	5.0	4.9
93	4.9	4.8	4.7	4.6

94	4.6	4.5	4.4	4.3
95	4.3	4.2	4.1	4.0
96	4.0	3.9	3.8	3.7
97	3.8	3.7	3.6	3.4
98	3.6	3.5	3.3	3.2
99	3.4	3.3	3.1	3.0
100	3.3	3.1	2.9	2.8
101	3.1	3.0	2.8	2.6
102	3.0	2.8	2.6	2.5
103	2.9	2.7	2.5	2.3
104	2.8	2.6	2.4	2.2
105	2.7	2.6	2.4	2.1
106	2.7	2.5	2.3	2.1
107	2.7	2.5	2.3	2.1
108	2.7	2.5	2.3	2.0
109	2.6	2.5	2.3	2.0
110	2.6	2.5	2.2	2.0
111	2.6	2.4	2.2	2.0
112	2.6	2.4	2.2	2.0
113	2.6	2.4	2.2	1.9
114	2.5	2.4	2.1	1.9
115	2.5	2.3	2.1	1.8
116	2.4	2.2	2.0	1.8
117	2.3	2.1	1.9	1.6
118	2.1	1.9	1.7	1.4
119	1.9	1.7	1.3	1.1

120+	1.6	1.4	1.1	1.0
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(e) *Mortality rates*. The following are the mortality rates used to calculate the tables set forth in paragraphs (b), (c), and (d) of this section.

Table 4 to Paragraph (e)

<i>Age</i>	<i>Probability of Death</i>
0	0.001762
1	0.000441
2	0.000292
3	0.000232
4	0.000177
5	0.000161
6	0.000153
7	0.000145
8	0.000132
9	0.000127
10	0.000128
11	0.000135
12	0.000146
13	0.000164
14	0.000192
15	0.000223
16	0.000253
17	0.000276
18	0.000293
19	0.000304

20	0.000313
21	0.000343
22	0.000377
23	0.000421
24	0.000466
25	0.000520
26	0.000581
27	0.000630
28	0.000677
29	0.000720
30	0.000763
31	0.000799
32	0.000824
33	0.000833
34	0.000830
35	0.000823
36	0.000819
37	0.000824
38	0.000836
39	0.000853
40	0.000879
41	0.000909
42	0.000945
43	0.000980
44	0.001019
45	0.001065

46	0.001132
47	0.001225
48	0.001345
49	0.001485
50	0.001656
51	0.001874
52	0.002121
53	0.002397
54	0.002701
55	0.003032
56	0.003390
57	0.003774
58	0.004181
59	0.004613
60	0.005071
61	0.005554
62	0.006071
63	0.006624
64	0.007225
65	0.007884
66	0.008238
67	0.008659
68	0.009163
69	0.009767
70	0.010491
71	0.011358

72	0.012385
73	0.013598
74	0.015014
75	0.016670
76	0.018587
77	0.020815
78	0.023391
79	0.026387
80	0.029850
81	0.033883
82	0.038544
83	0.043880
84	0.049956
85	0.056799
86	0.064436
87	0.072882
88	0.082137
89	0.092172
90	0.102919
91	0.114344
92	0.126605
93	0.139936
94	0.154844
95	0.171902
96	0.187210
97	0.204659

98	0.222921
99	0.241884
100	0.261476
101	0.281536
102	0.301847
103	0.322371
104	0.342940
105	0.361261
106	0.372886
107	0.381098
108	0.383358
109	0.385709
110	0.388092
111	0.390353
112	0.392822
113	0.395188
114	0.397567
115	0.400000
116	0.400000
117	0.400000
118	0.400000
119	0.400000
120	0.400000

(f) *Applicability dates*—

(1) *In general.* The life expectancy tables and Uniform Lifetime Table set forth in this section apply for distribution calendar years beginning on or after January 1, 2022. For life expectancy tables and the Uniform Lifetime Table applicable

for earlier distribution calendar years, see §1.401(a)(9)-9, as set forth in 26 CFR part 1 revised as of April 1, 2020 (formerly applicable §1.401(a)(9)-9).

(2) *Application to life expectancies that may not be recalculated--*

(i) *Redetermination of initial life expectancy using current tables.* If an employee died before January 1, 2022, and, under the rules of §1.401(a)(9)-5, the applicable denominator that applies for a calendar year following the calendar year of the employee's death is equal to a single life expectancy calculated as of the calendar year of the employee's death (or, if applicable, the following calendar year), reduced by 1 for each subsequent year, then that life expectancy is reset as provided in paragraph (f)(2)(ii) of this section. Similarly, if an employee's sole beneficiary is the employee's surviving spouse, and the spouse dies before January 1, 2022, then the spouse's life expectancy for the calendar year of the spouse's death (which is used to determine the applicable denominator for later years) is reset as provided in paragraph (f)(2)(ii) of this section.

(ii) *Determination of applicable denominator—*

(A) *Applicable denominator based on new life expectancy.* With respect to a life expectancy described in paragraph (f)(2)(i) of this section, the applicable denominator for a distribution calendar year beginning on or after January 1, 2022, is determined by using the Single Life Table in paragraph (b) of this section to determine the initial life expectancy for the age of the relevant individual in the relevant calendar year and then reducing the resulting applicable denominator by 1 for each subsequent year.

(B) *Example of redetermination.* Assume that an employee died at age 80 in 2019 and the employee's designated beneficiary (who was not the employee's spouse) was age 75 in the year of the employee's death. For 2020, the denominator that would have applied for the beneficiary was 12.7 years (the life expectancy for a 76-year-old under the Single Life Table in formerly applicable §1.401(a)(9)-9), and for 2021, it would have been 11.7 years (the original life expectancy, reduced by 1 year). For 2022, if the designated beneficiary is still alive, then the applicable denominator would be 12.1 years (the 14.1-year life expectancy for a 76-year-old under the Single Life Table in paragraph (b) of this section, reduced by 2 years).