

Pension Benefit Guaranty Corporation

§ 4044.75

(2) For a participant eligible for immediate retirement and for a participant in pay status at the date of termination—

(i) If the form was a joint and survivor annuity, the form to be valued is a single life annuity payable to the participant; or

(ii) If the form was an annuity for a period certain and joint survivor thereafter annuity, the form to be valued is an annuity for the certain period and for the life of the participant thereafter.

§ 4044.73 Lump sums and other alternative forms of distribution in lieu of annuities.

(a) *Valuation.* (1) The value of the lump sum or other alternative form of distribution is the present value of the normal form of benefit provided by the plan payable at normal retirement age, determined as of the date of distribution using reasonable actuarial assumptions as to interest and mortality.

(2) If the participant dies before the date of distribution, but had elected a lump sum benefit, the present value shall be determined as if the participant were alive on the date of distribution.

(b) *Actuarial assumptions.* The plan administrator shall specify the actuarial assumptions used to determine the value calculated under paragraph (a) of this section when the plan administrator submits the benefit valuation data to the PBGC pursuant to § 2617.12 of part 2617 of this chapter. The same actuarial assumptions shall be used for all such calculations. The PBGC reserves the right to review the actuarial assumptions used and to revalue the benefits determined by the plan administrator if the actuarial assumptions are found to be unreasonable.

(See Note at beginning of part 4044.)

§ 4044.74 Withdrawal of employee contributions.

(a) If a participant has not started to receive monthly benefit payments on the date of distribution, the value of the lump sum which returns mandatory employee contributions is equal to the total amount of contributions made by the participant, plus interest

that is payable to the participant under the terms of the plan, plus interest on that total amount from the date of termination to the date of distribution. The rate of interest credited on employee contributions up to the date of termination shall be the greater of the interest rate provided under the terms of the plan or the interest rate required under section 204(c) of ERISA or section 411(c) of the IRC.

(b) If a participant has started to receive monthly benefit payments on the date of distribution, part of which are attributable to his or her contributions, the value of the lump sum which returns employee contributions is equal to the excess of the amount described in paragraph (b)(1) of this section over the amount computed in paragraph (b)(2) of this section.

(1) The amount of accumulated mandatory employee contributions remaining in the plan as of the date of termination plus interest from the date of termination to the date of distribution.

(2) The excess of benefit payments made from the plan between date of plan termination and the date of distribution, over the amount of payments that would have been made if the employee contributions had been paid as a lump sum on the date of plan termination, with interest accumulated on the excess from the date of payment to the date of distribution.

(c) *Interest assumptions.* The interest rate used under this section to credit interest between the date of termination to the date of distribution shall be a reasonable rate and shall be the same for both paragraphs (a) and (b).

§ 4044.75 Other lump sum benefits.

The value of a lump sum benefit which is not covered under § 4044.73 or § 4044.74 is equal to—

(a) The value under the qualifying bid, if an insurer provides the benefit; or

(b) The present value of the benefit as of the date of distribution, determined using reasonable actuarial assumptions, if the benefit is to be distributed other than by the purchase of the benefit from an insurer. The PBGC reserves the right to review the actuarial assumptions as to reasonableness

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and re-value the benefit if the actuarial assumptions are unreasonable.
(See Note at beginning of part 4044.)

APPENDIX A TO PART 4044—MORTALITY RATE TABLES

The mortality tables in this appendix set forth for each age x the probability q_x that an individual aged x (in 1994, when using Table 1 or Table 3) will not survive to attain age $x + 1$. The projection scales in this appendix set forth for each age x the annual reduction AA_x in the mortality rate at age x .

TABLE 1—MORTALITY TABLE FOR HEALTHY MALE PARTICIPANTS
[94 GAM basic]

Age x	q_x
15	0.000371
16	0.000421
17	0.000463
18	0.000495
19	0.000521
20	0.000545
21	0.000570
22	0.000598
23	0.000633
24	0.000671
25	0.000711
26	0.000749
27	0.000782
28	0.000811
29	0.000838
30	0.000862
31	0.000883
32	0.000902
33	0.000912
34	0.000913
35	0.000915
36	0.000927
37	0.000958
38	0.001010
39	0.001075
40	0.001153
41	0.001243
42	0.001346
43	0.001454
44	0.001568
45	0.001697
46	0.001852
47	0.002042
48	0.002260
49	0.002501
50	0.002773
51	0.003088
52	0.003455
53	0.003854
54	0.004278
55	0.004758
56	0.005322
57	0.006001
58	0.006774
59	0.007623
60	0.008576
61	0.009663
62	0.010911
63	0.012335
64	0.013914
65	0.015629
66	0.017462

TABLE 1—MORTALITY TABLE FOR HEALTHY MALE PARTICIPANTS—Continued
[94 GAM basic]

Age x	q_x
67	0.019391
68	0.021354
69	0.023364
70	0.025516
71	0.027905
72	0.030625
73	0.033549
74	0.036614
75	0.040012
76	0.043933
77	0.048570
78	0.053991
79	0.060066
80	0.066696
81	0.073780
82	0.081217
83	0.088721
84	0.096358
85	0.104559
86	0.113755
87	0.124377
88	0.136537
89	0.149949
90	0.164442
91	0.179849
92	0.196001
93	0.213325
94	0.231936
95	0.251189
96	0.270441
97	0.289048
98	0.306750
99	0.323976
100	0.341116
101	0.358560
102	0.376699
103	0.396884
104	0.418855
105	0.440585
106	0.460043
107	0.475200
108	0.485670
109	0.492807
110	0.497189
111	0.499394
112	0.500000
113	0.500000
114	0.500000
115	0.500000
116	0.500000
117	0.500000
118	0.500000
119	0.500000
120	1.000000

TABLE 2—PROJECTION SCALE AA FOR HEALTHY MALE PARTICIPANTS

Age x	AA_x
15	0.019
16	0.019
17	0.019
18	0.019
19	0.019
20	0.019
21	0.018
22	0.017