

Prior to calculating Joint First-to-Die or Second-to-Die premiums, it is necessary to calculate the joint equivalent age of the 2 applicants.

Steps to Calculating Joint Equivalent Age:

- Step 1.** Neither age should be less than 16 or more than 64. If this is not true, an application for joint coverage cannot be accepted. If true, go to step 2.
- Step 2.** A) Both lives are smokers, equivalent status is smoker. Go to step 5.
 B) Both lives are non-smokers, equivalent status is non-smoker. Go to step 5.
 C) Smoker status is different. Go to step 3.
- Step 3.** Add 7 years to the age of the smoker. Then deduct 5 years from the age of any female applicant, if applicable. Increase any age less than 16 to 16. If either adjusted age is over 64, go to step 4. Otherwise the equivalent status is non-smoker. Go to step 6.
- Step 4.** Using the original ages, deduct 7 years from the age of any non-smoker. Then deduct 5 years from the age of any female applicant, if applicable. Increase any age less than 16 to 16. The equivalent status is smoker. Go to step 6.
- Step 5.** Deduct 5 years from the age of any female. Increase any age less than 16 to 16. Go to step 6.
- Step 6.** You now have two adjusted ages and an equivalent smoker status. Determine the equivalent age by the appropriate procedure for Joint First-to-Die or Joint Second-to-Die.

Joint First-to-Die

Determine the difference between the adjusted ages. Now if the difference is 14 years or less, add to the younger adjusted age according to the following table.

Difference in Ages	Addition to Younger Age	Difference in Ages	Addition to Younger Age
0	0	8	5
1	1	9	5
2	1	10	6
3	2	11	7
4	2	12	8
5	3	13	8
6	4	14	9
7	4		

If the difference is 15 years or more, deduct 5 years from the older adjusted age and use that age.

Joint Second-to-Die

Using the table titled "Table for Determining Equivalent Single Age for Joint Second-to-Die" (Form 4220), locate the two adjusted ages. Where the row corresponding to one adjusted age crosses the column for the other adjusted age, the resulting value is the equivalent age. To locate the annual premium rate per \$1,000 use the single male rate per \$1,000 on the single rate chart.

Joint Waiver of Premium (W.P.)

Waiver of Premium is available on Single and Joint First-to-Die coverage. If Waiver of Premium is to be added on both lives insured, use the Joint Waiver of Premium rates, for the Joint Equivalent Age, shown in the table. If Waiver of Premium is to be added for only one of the joint lives insured, use half the Joint Waiver of Premium rates shown.

Sample Joint First-to-Die Premium Calculations:

Example 1: Applicant: Male Age 50 - Non-Smoker

Joint Applicant: Male Age 30 - Non-Smoker

- Both males, both non-smokers, proceed to next step.
- Subtract 30 from 50 = 20
- Difference in Age = 20
As difference is more than 15 years, subtract 5 years from the age of the older applicant.
- 50 less 5 = 45. Use 45 as the Joint Equivalent Age. Joint Non-Smoker First-to-Die rates apply.

Example 2: Applicant: Male Age 45 - Non-Smoker

Joint Applicant: Female Age 30 - Non-Smoker

- One male, one female. Subtract 5 years from female's age. New age = 25.
- Subtract 25 from 45 = 20
- Difference in Age = 20
As difference is more than 15 years, subtract 5 years from the age of the older applicant.
- 45 less 5 = 40. Use 40 as the Joint Equivalent Age. Joint Non-Smoker First-to-Die rates apply.

Example 3: Applicant: Male Age 55 - Non-Smoker

Joint Applicant: Female Age 30 - Smoker

- One male, one female. Female is a smoker. Add 7 years to female's age. Subtract 5 years from female's age. New age = 32.
- Subtract 32 from 55 = 23
- Difference in Age = 23. As difference is more than 15 years, subtract 5 years from the age of the older applicant.
- 55 less 5 = 50. Use 50 as the Joint Equivalent Age. Joint Non-Smoker First-to-Die rates apply.

Joint First-to-Die Coverage Non-Smokers			
Age	\$25,000-\$99,999	\$100,000-\$2,000,000	W.P.
16	5.43	4.46	0.25
17	5.60	4.62	0.25
18	5.74	4.74	0.25
19	5.85	4.83	0.25
20	5.93	4.95	0.25
21	6.01	5.04	0.25
22	6.08	5.13	0.25
23	6.23	5.25	0.25
24	6.38	5.41	0.25
25	6.55	5.59	0.25
26	6.74	5.80	0.25
27	6.96	6.02	0.25
28	7.20	6.26	0.25
29	7.46	6.52	0.25
30	7.74	6.81	0.25
31	8.05	7.12	0.25
32	8.39	7.45	0.25
33	8.75	7.81	0.25
34	9.13	8.18	0.25
35	9.54	8.59	0.25
36	9.97	9.02	0.25
37	10.44	9.48	0.25
38	10.93	9.97	0.25
39	11.45	10.49	0.29
40	12.00	11.03	0.33
41	12.58	11.61	0.39
42	13.20	12.22	0.45
43	13.84	12.86	0.51
44	14.51	13.52	0.59
45	15.21	14.21	0.67
46	15.97	14.96	0.76
47	16.78	15.77	0.87
48	17.65	16.63	0.98
49	18.57	17.54	1.11
50	19.55	18.51	1.26
51	20.59	19.54	1.41
52	21.73	20.66	1.57
53	22.94	21.85	1.73
54	24.22	23.11	1.89
55	25.58	24.45	2.02
56	27.04	25.88	
57	28.62	27.42	
58	30.29	29.05	
59	32.04	30.75	
60	33.91	32.56	
61	35.91	34.50	
62	38.09	36.60	
63	40.44	38.86	
64	42.93	41.25	
ADD \$90 POLICY FEE. MONTHLY PREMIUM .09 TIMES ANNUAL			

Joint First-to-Die Coverage Smokers			
Age	\$25,000-\$99,999	\$100,000-\$2,000,000	W.P.
16	6.89	5.95	0.30
17	7.14	6.17	0.30
18	7.34	6.35	0.30
19	7.52	6.49	0.30
20	7.67	6.59	0.30
21	7.79	6.74	0.30
22	7.95	6.91	0.30
23	8.16	7.14	0.30
24	8.39	7.39	0.30
25	8.65	7.66	0.30
26	8.94	7.95	0.30
27	9.26	8.28	0.30
28	9.61	8.64	0.30
29	10.00	9.03	0.30
30	10.42	9.45	0.30
31	10.87	9.90	0.30
32	11.35	10.38	0.30
33	11.86	10.89	0.30
34	12.40	11.43	0.30
35	12.98	12.00	0.30
36	13.61	12.62	0.30
37	14.29	13.29	0.30
38	15.02	14.01	0.33
39	15.80	14.77	0.38
40	16.64	15.59	0.44
41	17.53	16.46	0.51
42	18.49	17.40	0.60
43	19.52	18.40	0.69
44	20.60	19.46	0.80
45	21.75	20.58	0.92
46	22.97	21.78	1.06
47	24.28	23.05	1.21
48	25.67	24.40	1.39
49	27.12	25.81	1.58
50	28.66	27.31	1.80
51	30.29	28.89	2.03
52	32.01	30.56	2.27
53	33.83	32.32	2.52
54	35.73	34.17	2.76
55	37.73	36.10	2.95
56	39.83	38.13	
57	42.03	40.26	
58	44.33	42.48	
59	46.72	44.78	
60	49.21	47.19	
61	51.84	49.71	
62	54.60	52.37	
63	57.51	55.16	
64	60.54	58.07	
ADD \$90 POLICY FEE. MONTHLY PREMIUM .09 TIMES ANNUAL			