

Case #1: Joe and Sue live long lives

Joe and Sue. Turn 65 (and 65.5) in 2019. \$2.75 M in IRA on 12-31-18. Real grown 6.3%.
 Must take first RMD in 2024 based on IRA value 12-31-2023. They take their RMD at end of year.

Year	Age turned in year	Date for IRA value	IRA value* @ 6.3% real growth	RMD% to W/D by end of year	RMD based on prior 12-31 value	IRA Value after W/D	Other Normal Income	Total Normal Income	Marginal Tax Rate	Income Subject to 32% rate
2019	65 and 65.5	12/31/18	\$2,750,000							
2020	66	12/31/19	\$2,923,250							
2021	67	12/31/20	\$3,107,415							
2022	68	12/31/21	\$3,303,182							
2023	69	12/31/22	\$3,511,282							
2023	69	12/31/23	\$3,732,493							
2024	70 and 70.5	12/31/24	\$3,967,640	3.65%	\$136,222	\$3,831,418	\$60,000	\$196,222	24%	
2025	71	12/31/25	\$4,072,797	3.77%	\$149,722	\$3,923,075	\$60,000	\$209,722	24%	
2026	72	12/31/26	\$4,170,229	3.91%	\$159,094	\$4,011,135	\$60,000	\$219,094	24%	
2027	73	12/31/27	\$4,263,836	4.05%	\$168,835	\$4,095,001	\$60,000	\$228,835	24%	
2028	74	12/31/28	\$4,352,986	4.20%	\$179,153	\$4,173,834	\$60,000	\$239,153	24%	
2029	75	12/31/29	\$4,436,785	4.37%	\$190,087	\$4,246,698	\$60,000	\$250,087	24%	
2030	76	12/31/30	\$4,514,240	4.55%	\$201,672	\$4,312,568	\$60,000	\$261,672	24%	
2031	77	12/31/31	\$4,584,260	4.72%	\$212,936	\$4,371,324	\$60,000	\$272,936	24%	
2032	78	12/31/32	\$4,646,718	4.93%	\$225,826	\$4,420,892	\$60,000	\$285,826	24%	
2033	79	12/31/33	\$4,699,408	5.13%	\$238,293	\$4,461,115	\$60,000	\$298,293	24%	
2034	80	12/31/34	\$4,742,165	5.35%	\$251,305	\$4,490,860	\$60,000	\$311,305	24%	
2035	81	12/31/35	\$4,773,784	5.59%	\$264,925	\$4,513,748	\$60,000	\$325,169	24%	
2036	82	12/31/36	\$4,792,917	5.85%	\$279,169	\$4,513,748	\$60,000	\$339,169	24%	
2037	83	12/31/37	\$4,798,114	6.13%	\$294,044	\$4,504,070	\$60,000	\$354,044	32%	\$5,594
2038	83	12/31/38	\$4,787,827	6.45%	\$309,556	\$4,478,271	\$60,000	\$369,556	32%	\$21,106
2039	84	12/31/39	\$4,760,402	6.76%	\$323,502	\$4,436,900	\$60,000	\$383,502	32%	\$35,052
2040	86	12/31/40	\$4,716,425	7.09%	\$337,617	\$4,378,808	\$60,000	\$397,617	32%	\$49,167
2041	87	12/31/41	\$4,654,673	7.46%	\$351,972	\$4,302,701	\$60,000	\$411,972	32%	\$63,522
2042	87	12/31/42	\$4,573,771	7.87%	\$366,510	\$4,207,261	\$60,000	\$426,510	32%	\$78,060
2043	88	12/31/43	\$4,472,319	8.33%	\$380,995	\$4,091,324	\$60,000	\$440,995	32%	\$92,545
2044	90	12/31/44	\$4,349,077	8.77%	\$392,309	\$3,956,768	\$60,000	\$452,309	32%	\$103,859
Sum						\$5,413,743				\$448,904
Notes: Marginal Tax Rates 2019 for Married, Joint filers. Over \$195,400 = 24%. Over \$348,450 = 32%.										8.3%

Case #2: Joe dies at age 78.

Joe and Sue. Turn 65 (and 65.5) in 2019. Joe dies at age 78. \$2.75 M in IRA on 12-31-18. Real growth 6.3%.
 Must take first RMD in 2024 based on IRA value 12-31-2023. They take their RMD at end of year.

Year	Age turned in year	Date for IRA value	IRA value* @ 6.3% real growth	RMD% to W/D by end of year	RMD based on prior 12-31 value	IRA Value after W/D	Other Normal Income	Total Normal Income	Marginal Tax Rate	Income Subject to 32% rate
2019	65 and 65.5	12/31/18	\$2,750,000							
2020	66	12/31/19	\$2,923,250							
2021	67	12/31/20	\$3,107,415							
2022	68	12/31/21	\$3,303,182							
2023	69	12/31/22	\$3,511,282							
2023	69	12/31/23	\$3,732,493							
2024	70 and 70.5	12/31/24	\$3,967,640	3.65%	\$136,222	\$3,831,418	\$60,000	\$196,222	24%	
2025	71	12/31/25	\$4,072,797	3.77%	\$149,722	\$3,923,075	\$60,000	\$209,722	24%	
2026	72	12/31/26	\$4,170,229	3.91%	\$159,094	\$4,011,135	\$60,000	\$219,094	24%	
2027	73	12/31/27	\$4,263,836	4.05%	\$168,835	\$4,095,001	\$60,000	\$228,835	24%	
2028	74	12/31/28	\$4,352,986	4.20%	\$179,153	\$4,173,834	\$60,000	\$239,153	24%	
2029	75	12/31/29	\$4,436,785	4.37%	\$190,087	\$4,246,698	\$60,000	\$250,087	24%	
2030	76	12/31/30	\$4,514,240	4.55%	\$201,672	\$4,312,568	\$60,000	\$261,672	24%	
2031	77	12/31/31	\$4,584,260	4.72%	\$212,936	\$4,371,324	\$60,000	\$272,936	24%	
2032	78	12/31/32	\$4,646,718	4.93%	\$225,826	\$4,420,892	\$30,000	\$255,826	32%	\$81,601
2033	79	12/31/33	\$4,699,408	5.13%	\$238,293	\$4,461,115	\$30,000	\$268,293	32%	\$94,068
2034	80	12/31/34	\$4,742,165	5.35%	\$251,305	\$4,490,860	\$30,000	\$281,305	32%	\$107,080
2035	81	12/31/35	\$4,773,784	5.59%	\$264,925	\$4,508,859	\$30,000	\$294,925	32%	\$120,700
2036	82	12/31/36	\$4,792,917	5.85%	\$279,169	\$4,513,748	\$30,000	\$309,169	32%	\$134,944
2037	83	12/31/37	\$4,798,114	6.13%	\$294,044	\$4,504,070	\$30,000	\$324,044	32%	\$149,819
2038	83	12/31/38	\$4,787,827	6.45%	\$309,556	\$4,478,271	\$30,000	\$339,556	32%	\$165,331
2039	84	12/31/39	\$4,760,402	6.76%	\$323,502	\$4,436,900	\$30,000	\$353,502	32%	\$179,277
2040	86	12/31/40	\$4,716,425	7.09%	\$337,617	\$4,378,808	\$30,000	\$367,617	32%	\$193,392
2041	87	12/31/41	\$4,654,673	7.46%	\$351,972	\$4,302,701	\$30,000	\$381,972	32%	\$207,747
2042	88	12/31/42	\$4,573,771	7.87%	\$366,510	\$4,207,261	\$30,000	\$396,510	32%	\$222,285
2043	89	12/31/43	\$4,472,319	8.33%	\$380,995	\$4,091,324	\$30,000	\$410,995	32%	\$236,770
2044	90	12/31/44	\$4,349,077	8.77%	\$392,309	\$3,956,768	\$30,000	\$422,309	32%	\$248,084
Sum						\$5,413,743				#####
Notes: Marginal Tax Rates 2019 for Single filers. Over \$97,700 = 24%. Over \$174,225 = 32%.										39.5%