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Technical Report

Glacier
PLAN MODEL 2026-10-02

The numbers behind your plan, for you, your accountant or anyone who checks.
Tables show future dollars (the dollars of each year) and say so.

Your money lasts until Greg is 95 and Linda is 93, in every version we tested. Source for every number: the Glacier plan model dated October 2, 2026 ("B - The Plan", plus the scenarios Do Nothing, Markets Drop 30% and Spend More).

What the plan assumes

ASSUMPTION	USED IN THE MODEL
Start and end	2027 to 2061. Greg is 95 and Linda is 93 at the end. Greg born 1966-04-10, Linda 1968-08-22 (a made-up couple).
Inflation	2.1% a year. A 2061 dollar is worth about 49 cents today (divide by 2.027).
Returns	Stocks 6.6%, fixed income 3.2%, cash 2.4% a year. About 60% stocks.
Spending, after tax (2027 dollars)	$90,000 a year ($7,500 a month) until Greg is 75, then $78,000 ($6,500 a month). 2027 total about $90,000.
Greg's work pension	$24,000 a year from January 2027, rising with prices, split with Linda at tax time.
CPP and OAS	Greg: CPP and OAS at 70 (2036). Linda: OAS at 67 (2035), CPP at 70 (2038). Do Nothing: both at 65.
Income target	Taxable income $56,000 each from 2027, rising 2.1% a year (The Plan and the crash test; Spend More uses $62,000).
TFSAs	Topped up every January from the joint account and Linda's investment account (The Plan).

Planning assumptions, not predictions.

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The Four Paths

4 paths
NEVER SHORT IN ANY

Same spending, same dates and same returns in every path unless the path says otherwise. The Plan is recommended; Spend More is your choice to make.

PATH	EVER SHORT?	LIFETIME TAX 2027-2061	TAX AT THE END	ESTATE BEFORE TAX, 2061	ESTATE AFTER TAX, 2061	AFTER TAX, TODAY'S DOLLARS	1,000 MARKETS
Do Nothing Glacier A. CPP and OAS at 65, RRSPs left alone until 71, no TFSA top-ups	Never	$610,744	$201,774	$1,931,579	$1,729,805	about $853,000	93%
The Plan Glacier B. Recommended. The path you chose	Never	$465,175	$0	$2,180,735	$2,180,735	about $1.1 million	99%
Spend More Glacier D. The Plan + $9,000 a year of living money. Your choice to make	Never	$458,885	$0	$1,001,049	$1,001,049	about $494,000	88%
Markets Drop 30% Glacier C. The Plan, with stocks down 30% in 2027	Never	$409,281	$0	$1,143,807	$1,143,807	about $564,000	not run

Future dollars (the dollars of 2061) except the "today's dollars" column (2061 value divided by 2.027). "Not run" = no 1,000-market test was run on that path.

The Plan compared with Do Nothing

- Lifetime tax saved: $145,569 in future dollars, about $72,000 in today's dollars.
- Tax at the end: $201,774 to $0, about $100,000 in today's dollars to almost nothing.
- Extra to family after tax: $450,930, about $222,000 in today's dollars. This overlaps with the tax at the end; never add them. One-time amounts are never added to yearly ones.
- 1,000 random markets: Do Nothing 93%, The Plan 99%. The Plan is safer; The Plan wins on the tax bill at the end and more for the kids.

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The Four Paths, in Detail

What each path changes, and the 1,000-market results, read honestly. Future dollars unless it says today's dollars.

93 / 99 / 88
DO NOTHING / THE PLAN / SPEND MORE

Notes on each path

- **Do Nothing:** 2027 tax $109; savings end 2027 $1,088,008. No OAS clawback. 1,000 markets: 93% success.
- **The Plan:** 1,000 markets: 99% success. No OAS clawback. Tax at the end $0.
- **Spend More:** +$9,000 a year of living money (about $750 a month); 2027 spending about $99,000. No OAS clawback. 1,000 markets: 88% success. The extra rises with inflation, for life.
- **Markets Drop 30%:** Every stock holding returns -30% in 2027, then 6.6% again. Savings end 2027 at $848,626 (about $1.1 million without the drop). Spending is not cut. Lifetime tax is lower because there is less money to tax. No OAS clawback.

The honest reading of the 1,000-market test. The Plan works 99 times out of 100, against 93 for Do Nothing: it is safer. It also brings the tax bill at the end (about $100,000 in today's dollars, to almost nothing) and about $222,000 more to the kids. Spend More gives up about 11 points (about 88 in 100) for about $800 more a month. 1,000 random markets, the same random draws for every path (seed 1). In a bad year, skip the January TFSA deposit (the Handbook's bad-year rule).

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The Plan, Year by Year

Never short
IN ANY YEAR

Where the money comes from each year in The Plan. Every row is in future dollars (the dollars of that year). Every year is in the spreadsheet.

YEAR	AGES G / L	PENSION	CPP (BOTH)	OAS (BOTH)	RRIFS	JOINT AND LINDA'S ACCOUNT	TFSAS	SPENDING AFTER TAX	TOTAL SAVINGS
2027	61/59	$24,000	$0	$0	$82,305	$13,546	$14,000 in	$90,000	$1,071,376
2028	62/60	$24,504	$0	$0	$84,322	$14,251	$15,000 in	$91,890	$1,039,430
2029	63/61	$25,019	$0	$0	$86,508	$13,824	$15,000 in	$93,820	$1,003,943
2030	64/62	$25,544	$0	$0	$88,641	$13,487	$15,000 in	$95,790	$964,696
2031	65/63	$26,080	$0	$0	$90,838	$12,215	$16,000 in	$97,801	$923,360
2032	66/64	$26,628	$0	$0	$97,572	$8,446	$16,000 in	$99,855	$876,545
2035	69/67	$28,341	$0	$12,286	$87,643	$10,057	$17,000 in	$106,279	$727,743
2038	72/70	$30,164	$46,154	$28,623	$0	$35,249	$18,000 in	$113,116	$714,167
2041	75/73	$32,105	$49,123	$30,464	$0	$3,952	$13,784 out	$120,393	$773,755
2044	78/76	$34,170	$52,283	$35,666	$0	$0	$938 in	$111,053	$902,157
2047	81/79	$36,369	$55,647	$37,961	$0	$0	$925 in	$118,198	$1,054,637
2050	84/82	$38,708	$59,226	$40,403	$0	$0	$1,070 in	$125,802	$1,232,486
2053	87/85	$41,198	$63,037	$43,002	$0	$0	$1,222 in	$133,895	$1,440,259
2056	90/88	$43,849	$67,092	$45,768	$0	$0	$1,389 in	$142,509	$1,682,944
2059	93/91	$46,670	$71,408	$48,713	$0	$0	$1,412 in	$151,677	$1,966,194
2061	95/93	$48,650	$74,439	$50,780	$0	$0	$1,534 in	$158,114	$2,180,735

Future dollars, before tax except spending. "Saved" means extra money went back into savings that year. Total savings exclude the home.

The order money comes out

First, Pension, CPP, OAS and the RRIF payments, set so each of you reports about $56,000 of taxable income. Second, if more is needed, your joint account and Linda's investment account. The TFSAs are drawn on in 2041 to 2043, last, after the taxable money. The RRIFs are empty by 2037; after that your joint account, then the TFSAs pays the bills, so nothing is left in the RRIFs to be taxed at the end.

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Tax, Year by Year

Taxable income and income tax for each of you in The Plan, in future dollars (the dollars of each year).

$0
OAS CLAWBACK, EVERY YEAR

YEAR	GREG TAXABLE INCOME	LINDA TAXABLE INCOME	GREG TAX	LINDA TAX	TOTAL TAX	OAS CLAWBACK
2027	$56,000	$56,000	$7,599	$8,251	$15,850	$0
2028	$57,176	$57,176	$7,757	$8,430	$16,187	$0
2029	$58,377	$58,377	$7,919	$8,612	$16,531	$0
2030	$59,603	$59,603	$8,100	$8,781	$16,881	$0
2031	$60,854	$60,844	$6,792	$8,539	$15,331	$0
2032	$66,407	$62,100	$8,089	$8,701	$16,790	$0
2035	$66,129	$66,086	$7,429	$7,619	$15,048	$0
2038	$62,881	$46,209	$6,159	$2,914	$9,073	$0
2041	$62,737	$49,216	$5,805	$3,230	$9,035	$0
2044	$68,285	$53,835	$6,452	$3,675	$10,127	$0
2047	$72,672	$57,304	$6,979	$3,874	$10,853	$0
2050	$77,311	$61,026	$7,374	$4,092	$11,466	$0
2053	$82,326	$64,911	$7,811	$4,309	$12,120	$0
2056	$87,541	$69,168	$8,249	$4,563	$12,812	$0
2059	$93,182	$73,609	$8,736	$4,966	$13,702	$0
2061	$97,126	$76,744	$9,074	$5,147	$14,221	$0

Future dollars. Lifetime income tax 2027 to 2061: $465,175. OAS clawback is $0 in every year.

Best guesses still in the model

We used our best guess for these for now; we confirm them together.

- Nothing: Greg and Linda are a made-up couple, built to show what a Glacier plan looks like.