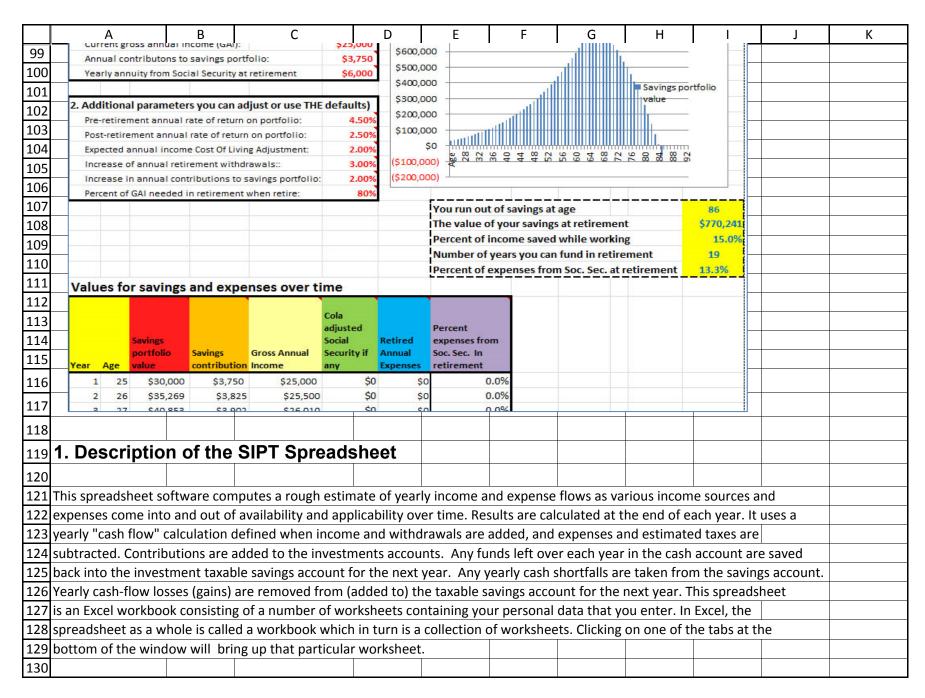
	Α	В	С	D	E	F	G	Н	I	J	K
1	File: SIPT.xls		Elementary glide-	path calcu	lator (Sim	pleCalc)		Next SIPT	workshee	t (Assumpt	ions)
2											
3	Simplified I	ncome	-Stream Plar	nning T	ool						
4	Calculate Glide-P	ath from y	early Cash-flows,	Income Sti	reams, Exp	enses, Inv	estment A	ccounts ar	d Taxes		
5											
6	This Excel spreadsl	neet is a pla	nning tool for peop	le who wan	t to plan fo	r future sav	ing and spe	ending need	ls, want to	get rough	
7	estimates of their	saving and	spending patterns, a	nd are will	ing to enter	r summarie	s of their pe	ersonal fina	ncial data	required to	
8	compute this. Fina	al results ar	e shown in summary	y tables and	d glide-path	graphs of	those table	s. All data a	re entered	and	
9	calculated in this s	preadsheet	. No data are export	ed from th	e spreadsh	eet. From th	ne data ent	ered, the sp	readsheet	estimates	
10	yearly cash-flows ι	ising incom	e from various sour	ces: Work,	Pensions, S	Social Secur	ity, Annuiti	es, and Life	Insurance	benefits;	
11	contributions and	withdrawa	Is from tax-deferred	I IRAs, Roth	s and Savin	gs investm	ent account	s. It estima	tes yearly i	nvestment	
12	returns and taxes	on investme	ent returns, expense	s. Next it e	stimates ye	arly Federa	I tax rates a	and resultin	g cash-flow	vs. It allows	
13	for scheduled and	irregular co	ntributions and witl	hdrawals fo	or investme	nt accounts	(IRA, Roth	, Savings) a	s well as sc	heduled-	
14	and-irregular expe	nses and de	eductions and then o	calculates y	early net w	orth. It can	be useful for	or investiga	ting variou	s planning	
15	scenarios by makir	ng changes	and seeing how that	affects the	results.						
16											
17			preadsheet program								
18	·		se Microsoft Visual			•		•			
19			am has some incom								
			ta on the Internet. V								
	•		poses. The spreadsh								
			It is an educational t								
			lide-path calculator				pt that may	be useful	to experim	ent with	
-	to better understa	nd the cond	cept of glide-path be	fore using	the full spre	eadsheet.					
25		_									
26	Recent revisions:	Revised:	12/9/2015		V.0.22.4	Beta**					
27		Revised:	7/14/2016		V.0.24.14	Beta**					
28		Revised:	7/20/2016		V.0.24.15	Beta**					
29		Revised:	8/5/2016	6 11 : 6	V.0.24.16	Beta**			las, uses:		
30	See	Appendix I	<u>D</u>	tor list of o	utstanding	issues (thing	gs TODO), a	nd extende	d REVISION	I-LIST	
31											
32	Note: The spreadsh	neet will be	revised each year af	ter new Tax	rables & C	ap-Gains/Di	ıv. rates & t	ax rules are	announced	j.	
33											

	А	В	С	D	Е	F	G	Н	I	J	K
34	© P. Lemkin 2012-2	2016									
35	GNU General Public	c License, ve	ersion 3.0 (GPLv3) at	•	http://oper	nsource.org	/licenses/g	ol-3.0.html			
			ctions 15. Disclaimer of								
37				-							
38	** For more on Bet	a-level soft	tware see	https://en.	wikipedia.o	rg/wiki/Sof	tware_relea	se life cycl	<u>le</u>		
39											
40	"Forever	Data!									
41	ě										
42	Version	0.123.6 N	o wait - one more ti	hing. 🙁 l	Done! 🙂						
43	Vers	ion 0.123.	7 No, still not quite	right. 🙁	Done! 🙂						
44	i	Version 0.1	23.8 Well, still not	quite there	yet. 😕 Do	ne! 🙂					
45	i	Version	0.123.9 Added a n	ew feature	competing	software h	as. 🙉 Dor	ie! 🙂			
46			ion 0.123.10 Oops,								
47	i		1 ,	*							
48	<u>i</u>	•									
49											
50	Cartoon by Ta	rTar, 10-15	-2015								
51	:		1						•		
52	Table of Conte	nts for In	troduction								
53	Introduction										
54	1. Description of th	e SIPT Spre	adsheet								
55	· ·		ions that can be inve	estigated us	ing this spre	eadsheet					
56	1.2 The types of o	•									
57	1.3 How the spre										
58			ndrawals and Expens								
59		g - Running	out of money and a	ge entry ch	ecking						
	2. Disclaimer										
	3. Directions for usi										
			orksheet tables in A	ppendix A							
	5. Notes on current	version of	the spreadsheet								
64											
	Documentation in										
66	Click on the any of	the followir	ng hyperlinks to go to	o the works	heets						

А	В	С	D		E	F	G	Н	l	J	К		
Assumptions	Summary li	st of all settings in	Setup, ai	nd Ag	eData thro	ough Expen s	seData wor	ksheets					
Results	Glide-path	of income from Inc	ome & V	Vithdr	rawal sour	ces less Exp	enses & Ta	xes					
Resources	Lists of arti	cles, literature, we	o sites re	lated	to financia	al planning							
<u>Figures</u>	Screen sho	ts & descriptions il	ustrating	g how	the sprea	dsheet work	(S						
Appendix A	List of all w	orksheets describi	ng their t	ables	and section	ons							
Appendix B	Extra calcul	lators (not tied in v	ith the r	est of	the sprea	dsheet)							
Appendix C	Glossary - c	definitions of terms	used in	the sp	readshee	t							
Appendix D	List of outs	tanding issues (Thi	ngs TOD(O and	CHECK), a	nd REVISIO	N-LIST Histo	ory					
FAQ	Answers to	Frequently Asked	Question	าร									
Introduction													
While you are savir	While you are saving for future expenditures such as retirement, a new house, college education for your children you												
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at your finances ov	er time. Ho	w does it change w	ith the co	ontrib	utions to	savings duri	ng your acc	cumulation	phase				
and how rapidly yo	ur savings a	re being depleted	during re	tirem	ent? It car	n be useful t	o periodica	illy check ho	ow you				
are doing to make	sure you're	still on track to rea	ch your g	goals,	and if not	what might	you chang	e to improv	e your				
retirement glide pa	th.												
The full Simplified	Income-Stre	eam Planning Tool	(SIPT) in	the re	emainder	of this sprea	dsheet lets	s you enter	detailed pe	rsonal			
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gives an estimate t	hat may be	usetul in doing pla	nning.										
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					Sav	ings por	tfolio va	lue					
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Enter your data in the Red cells below. Your current age (same as portfolio): 1. Enter your data in the Red cells below. Your current age (same as portfolio): 1. Enter your data in the Red cells below.	Assumptions Results Glide-path of income from Income & Withdia Resources Lists of articles, literature, web sites related Figures Screen shots & descriptions illustrating how Appendix A List of all worksheets describing their tables Appendix B Extra calculators (not tied in with the rest of Appendix C Glossary - definitions of terms used in the spanning Topol and FAQ Answers to Frequently Asked Questions Introduction While you are saving for future expenditures such as retirement might wonder if you are saving enough or spending too much of at your finances over time. How does it change with the contribution and how rapidly your savings are being depleted during retirement are doing to make sure you're still on track to reach your goals, retirement glide path. 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It can be useful to periodically check he are doing to make sure you're still on track to reach your goals, and if not what might you change to improve retirement glide path. The full Simplified Income-Stream Planning Tool (SIPT) in the remainder of this spreadsheet lets you enter data to help answer those questions more accurately - both for near term expenses and post-retirement. The rudimentary retirement calculators available on-line (see RS. Resources section RS.8 for a list). To give the types of calculations, we provide one in the SimpleCalc worksheet. The following screens typical data and results. In this example, the portfolio value went to zero at age 86. To get a more accurate might try using this SIPT spreadsheet that we describe in more detail below. Of course it can not predict the gives an estimate that may be useful in doing planning. Letter your data in the Red cells below. 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It can be useful to periodically check how you are doing to make sure you're still on track to reach your goals, and if not what might you change to improve your retirement glide path. The full Simplified Income-Stream Planning Tool (SIPT) in the remainder of this spreadsheet lets you enter detailed pe data to help answer those questions more accurately - both for near term expenses and post-retirement. There are mandimentary retirement calculators available on-line (see RS. Resources section RS.8 for a list). To give the flavor of the typical data and results. In this example, the portfolio value went to zero at age 86. To get a more accurate analysis, you might try using this SIPT spreadsheet that we describe in more detail below. Of course it can not predict the future but gives an estimate that may be useful in doing planning. Savings portfolio value Savings portfolio value	Assumptions Summary list of all settings in Setup, and AgeData through ExpenseData worksheets Results Glide-path of income from Income & Withdrawal sources less Expenses & Taxes Lists of articles, literature, web sites related to financial planning Figures Screen shots & descriptions illustrating how the spreadsheet works Appendix A List of all worksheets describing their tables and sections Appendix B Extra calculators (not tied in with the rest of the spreadsheet) Appendix C Appendix D List of outstanding issues (Things TODO and CHECK), and REVISION-LIST History FAQ Answers to Frequently Asked Questions While you are saving for future expenditures such as retirement, a new house, college education for your children you might wonder if you are saving enough or spending too much on current expenses. A glide-path analysis lets you look at your finances over time. How does it change with the contributions to savings during your accumulation phase and how rapidly your savings are being depleted during retirement? It can be useful to periodically check how you are doing to make sure you're still on track to reach your goals, and if not what might you change to improve your retirement glide path. The full Simplified Income-Stream Planning Tool (SIPT) in the remainder of this spreadsheet lets you enter detailed personal data to help answer those questions more accurately - both for near term expenses and post-retirement. There are many rudimentary retirement calculators available on-line (see RS. Resources section RS.8 for a list). To give the flavor of these types of calculations, we provide one in the SimpleCalc worksheet. The following screenshot shows some typical data and results. In this example, the portfolio value went to zero at age 86. To get a more accurate analysis, you might try using this SIPT spreadsheet that we describe in more detail below. Of course it can not predict the future but gives an estimate that may be useful in doing planning. Savings portfolio value		



	А	В	С	D	Е	F	G	Н	ı	J	K	
131	Setting up the spi	readsheet										
132	Use the S. Setup wo	orksheet to	specify which works	sheets you r	need to fill o	out. It works	with one p	erson S1 or	two spouse	es we call		
133	S1 and S2. In Excel,	you switch	between worksheet	ts by clickin	g on the wo	rksheet tab	at the bott	om of the Ex	xcel windov	v or by		
134	clicking on workshe	et hyperlin	ks (blue font with ar	n underline)	available th	nroughout t	he spreadsh	neet. The R.	Results wo	rksheet		
135	summarizes data co	omputed or	the other data wor	ksheets bot	h as tables	and then gr	aphs of the	data in the	tables.			
136	This is updated whe	en you char	nge any of the other	worksheets	data.							
137												
138	Depending on your	level of exp	pertise and familiarit	ty with finar	ncial terms,	you may wa	nt to read	Appendix C	(glossary of	f		
139	financial terms) bef	<u>ore</u> enterin	g your data. In addit	tion, this sp	readsheet r	equires you	to switch b	etween diff	erent work	sheets		
140	40 that focus on <i>particular</i> types of data (e.g., work income, Social Security benefits, IRAs, expenses, etc.).											
141												
142	Types of persona	l data requ	uired									
143	One or more incom	e sources c	an be defined and ir	nclude: wor	k income, p	ensions, Soc	ial Security,	and <i>annui</i>	ty payouts .	There		
144	are three types of in	nvestment	accounts including:	tax-deferre	d deductabl	le IRA, Roth	IRA and Sa	vings (taxab	le investme	ents), bank		
145	bank accounts, and	CDs). For p	ourposes of the sprea	adsheet, 40	1(k), 403(b)	, 457(b), Tra	ditional-IR	A, Rollover I	RAs are cor	nsidered to		
146	contributions and b	e tax-defer	red IRAs. Similarly a	Roth-401(k) is conside	red a Roth I	RA. This is	because wh	en you reti	re,		
147	retirement account	s can be ro	olled over to "Rollove	er-IRA" and	Rollover-Ro	th" account	s. You may	make both	scheduled a	and		
148	irregular contribution	ons/withdra	awals to each of the	spreadshee	et investmei	nt accounts.	An irregula	r event is a	one-time e	vent		
149	occurring on a parti	icular year.	You may specify exp	enses as bo	oth schedule	ed and irreg	ular events	. You might	think abou	t your list o	f	
150	future irregular exp	enses as a	planning tool for yo	ur future ex	cpenses in y	our "Bucket	-List" - suc	h as college	expenses, i	retirement,		
151	trips, gifts, etc. (See	the discus	sion of the 2007 con	nedy film <u>Tł</u>	ne Bucket Li	<u>ist</u>	http://en.v	vikipedia.or	g/wiki/Buck	<u>ket_list</u>	for a nice	
152	definition.) The spr	eadsheet ca	alculates your remai	ning assets	yearly so yo	u can used	this for plar	nning future	expenses.			
153												
			e for a particular yea									
155	If this is a problem,	one could _l	possibly increase sor	me of the in	come sourc	es (IRA or R	OTH) other	than taxabl	e savings a	nd/or		
156	lower expenses to r	make the ca	ash-flow positive if it	was down	a lot. The sp	oreadsheet v	will warn yo	ou if this hap	pens in R.F	Results		
157	section R.8 .											
158												
159	1.1 Some exam	ples of c	questions that c	an be inv	estigated	d using th	is spread	lsheet			_	
160	Q.1 Will I run out o	f money du	uring retirement?									
161	1 Given expected income sources and expected expenses in retirement, will I run out of money. If I save more or spend less,											
162	work shorter or lon	ger - how v	will that affect my ca	ash flows? H	low much d	o I need to	save?					
163												

	А	В	С	D	E	F	G	Н	I	J	K	
164	Q.1.1 Will the mon	ey being sa	ved for college expe	enses (or a	new home o	or cars, etc.) be adequa	ate?				
165	This is similar to qu	estion Q.1 l	out the future dates	for the star	ts of the exp	penses may	be nearer o	or farther o	ut and the e	expense		
166	amounts and saving	gs income a	nd savings amounts	required ar	e quite diffe	erent.						
167												
168	Q.2 When should I	do withdra	wals on my tax-def	erred IRAs?								
-			ıld also do experime									
_	•		/2) might minimize									
	·		n (RMD) without a p			•		•		vithout		
		-	1/2) and the mone									
			gs account using bro									
-			y lower your RMDs									
			th IRAs can be acces			tax penalty	y. This sprea	dsheet doe	s not curre	ntly		
-	check to see if you	are doing o	r handle IRA withdra	awals before	e 59 1/2.							
177												
_			n Social Security, ar									
-			used for helping to							-		
_	• • • • • •		benefit for each yea		-					•		
-			come needed from							_		
_			n experiments to try									
-			nses and taxes. You					ng Social Se	curity and i	nstead		
		other acco	unts to used to prov	ide income	if needed b	efore claim	ing.					
185		•										
		•	es affect my future					TI. ' I		1 .		
			g how adding irregu	•						•		
-			ou might take; how									
-		ensive a nou	ıse you might buy; e	tc. All these	e decisions v	viii affect no	ow your reti	rement inco	ome stream	i mignt		
	behave.											
191	O E How would as a	ro income s	ould Loors loss to	m if I have		occius star	k portfolic	lmara sta si	(c)2			
-			could I earn long ter n model used here i							nd hands		
-												
	94 for the duration of the period used in the model However, using a more aggressive portfolio (more stocks, riskier stocks, etc.)											
	5 might give you a higher return. In the long-run, for example, more small-cap stocks might earn a bit more return than large-cap 6 stocks, etc. So you can see the effect of this over the long term. Note, that this spreadsheet model does not take varying returns											
19/	or sequence or rett	irns into aco	count that can great	iy arrect the	results if W	imurawais	are taken fr	om that acc	Lount over	uine.		

	А	В	С	D	E	F	G	Н	ı	J	K	
198												
199	Q.6 What is the eff	ect of diffe	rent levels of inflation	on on my sa	vings over	time?						
200	You can specify diff	erent expe	cted long term CPI (C	Consumer P	rice Index e	stimate of i	nflation) va	ues and see	e how that a	affects		
201	your savings and ex	penses nee	eded during retireme	nt. Instead	of using the	e default CP	l you set, yo	u can speci	ify different	CPIs in you	r	
202	income and expens	es in the di	fferent accounts tha	t may be m	ore or less t	han the def	ault CPI.					
203												
			of adding annuities									
			nuities for each spou									
206	flow. Note that the	purchase c	osts of adding fixed-	annuities at	different a	ges in the fu	uture can be	e viewed as	irregular ex	penses.		
207												
208												
209	1.2 The types of	of data yo	ou will need to e	enter								
210	O You must specify the starting and ending ages for each income stream (work, pension, Social Security, and/or annuities),											
211	and do this indeper	ndently for	each spouse S1 and S	S2. You spe	cify the exp	ected avera	ge market r	eturns for s	stock and bo	onds		
212	(fixed income) in yo	our investm	ent portfolio. Histori	cally, rough	ily 90% of yo	our portfoli	o return is c	etermined	by your ass	et		
213	allocation (in this c	ase the sto	ck:bond ratio). In add	dition, you	can specify	(the same o	r different)	Cost Of Livi	ing Adjustm	ents		
			ome streams that inc							nay also		
		d Consume	r Price Index (CPI) th	at can used	l as a defaul	t for the va	rious COLAs	you need t	o enter.			
216												
217	Types of Savings											
218	Similarly, you must	specify the	age ranges for sched	duled invest	tment (IRA,	Roth, taxab	le Savings)	contributio	ns and with	drawals		
219	for S1 and S2. The I	RA and Rot	h accounts are optio	nal, but <u>the</u>	Savings acc	count is req	uired since	t is used to	reconcile th	ne cash-		
			ny) payouts are depo									
			ach year that increas									
			cur at any age or hav									
223	example, one could	l withdraw	money to buy a new	car, pay for	r kids colleg	e, take a bi	g trip and b	uy a new ho	ouse at the	same		
	·		59) rather than the y							d		
	and irregular contri	butions and	d withdrawals respec	tively each	year. These	are tracked	d separately	for S1 and	S2.			
226												
	Types of Expense											
	· · · · · · · · · · · · · · · · · · ·		to contributions and							r		
	•	· · · · · · · · · · · · · · · · · · ·	rly investment accou					•				
230	from the cash-flow.	. You can al	so specify scheduled	and irregul	ar deductio	ns that are	used for pa	rt of the tax	calculation	S.		

	А	В	С	D	E	F	G	Н	I	J	K	
231	Otherwise, options	are similar	such as starting and	stopping ag	ges with an	expense CC	LA are spe	cified. A roι	ıgh estimate	e of		
232	Federal and State to	axes that ar	e computed are sub	tracted fror	n the cash a	ccount. No	te that Stat	e taxes are	estimated			
233	by a fixed percenta	ge not as a	AGI-dependent mar	ginal tax rat	e. Different	states may	also have v	arious dedu	uction levels	5		
234	associated with diff	erent types	of pensions, etc. w	hich are not	taken into	account.						
235												
236	It can be used by	a single pe	erson (S1) or a cou	ple (S1 and	d S2)							
237	If there is no spouse	e S2, then ju	ust <u>enter zeros</u> for a	ll income, co	ontributions	, withdraw	als, and exp	enses for S2	2 entries.			
238	You can enter the s	ame age ra	nge as for S1 to simp	olify data en	itry.							
239												
240	Limitations on the	e types of	calculations done	in the spre	eadsheet							
241	The computations (use estimate	es you specify for va	rious param	neters and u	ses a fixed	CPI, fixed C	OLAs, fixed	stock			
242	and fixed income re	eturns wher	eas in reality these	all change y	ear to year.	It does not	t address th	e problem o	of sequence	of		
243	returns and sequen	ice of withd	rawals that can radi	cally affect l	long term re	eturns. The	reality is th	at all future	rates of re	eturns,		
244	CPIs, COLAs, tax rat	es, tax rules	s and schedules, dec	duction sche	edules, etc. a	are unknow	n. However	, we know t	they <u>will</u>			
245	vary and both of the	ese factors	can greatly affect fu	ture results	. Better me	thods such	as monte-ca	arlo or rand	omized seq	uences		
246	of actual past retur	ns can impr	ove the model, but	still can not	guarantee	returns. Suc	ch advanced	l methods a	re beyond t	the scope		
247	of this spreadsheet	. Black Swar	n events do happen	- think 9/11	and the 20	07-Great Re	ecession. So	these resu	Its are really	/		
248	ball-park estimates	, but that st	ill may be useful fo	r planning.								
249												
250												
251	1.3 How the sp	readshee	et works									
252	Each worksheet has	s an INSTRU	JCTIONS paragraph	n in the begi	inning that e	explains wh	at you need	to fill out i	n that work	sheet.		
253	A few figures illustr	ating some	of the aspects of the	e spreadshe	et are foun	d in the		Figures	worksheet.	. Some of th	e	
254	figures are for an ol	lder version	of the spreadsheet	but give the	e general fla	vor of how	the worksh	eets work.				
255												
256	Personal configur	ation of th	ne spreadsheet us	ing the "S.	Setup: wo	rksheet						
257	You must first speci	ify which da	ita worksheets you v	want to use.	. Go to the S	S. Setup wo	rksheet to s	pecify the t	ypes of acco	ounts		
258	that apply to your p	personal situ	uation in section S.1	(see Figure	1) and eith	er select "u	sed" or "ign	ored" for ea	ach of the			
259	worksheet options.	You may sp	ecify whether you	want to inclu	ude irregula	r contributi	ions and wit	hdrawals in	the investr	ment		
260	and expense accou	nts in sectio	on S.2 (see Figure 2).	Finally, you	u can specif	y whether y	you want to	add schedu	uled contrib	utions		
261	and withdrawals for the investment accounts in table S.3 (see Figure 3). Figures 4 and 5 show examples of account worksheets											
262	that MUST be edited and those NO NEED TO EDIT based on the parameters you set in section S.1 . Figure 6 shows how irregular											
263	expenses are enter	ed into the	10. ExpensesData w	orksheet. F	igure 7 shov	ws how irre	gular contri	butions and	l withdrawa	ls are		

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264	entered into the in	vestment ac	counts wor	ksheets. Th	e following	g is a sum	mary list of	the oth	er workshe	ets. You	can click c	n	
265	the hypertext to go	to that wo	rksheet or c	lick on the v	worksheet	name tab	at the bott	om of tl	his window	. Figure	8. shows a	n	
266	example of the R. F	Results sum	mary table	R.1 . The oth	er worksh	eets are d	iscussed in	more de	etail below.				
267													
268	Then enter your	Age and Ta	x data										
269	After editing the S.	Setup work	sheet, you	should then	edit the 1	L. AgeData	worksheet	, and th	en enter ba	sic tax f	iling data i	n the	
270	2. TaxData worksh	eet. Then yo	ou should vi	sit each of t	he other d	data-entry	worksheets	and en	nter your pe	rsonal d	lata.		
271													
272	Remember to save	the Excel w	orkbook (sp	oreadsheet)	after or d	uring your	editing of t	he vario	ous worksh	eets. You	ur persona	ıl	
273	data will not be sav	ed unless y	ou tell Exce	l (or whatev	er spreads	sheet prog	gram you ar	e using)	to save it.	As you n	nake chan	ges,	
274	saving the spreadsl	neet often is	s a good ide	a.									
275													
	Some worksheets		•										
	You enter data only											Adata	
	and 8. Roth data ha	ave table-Gl	JI data entr	y. The follow	wing is an	example c	of a Table-G	UI for th	ne 3. Work [Pata wo	rksheet.		
279	31 310	rt S1 end jok	Job	Job income	S1 work	S2 sta	art job S2 en	d job Jo	ob Jol	income	S1 work		
280	Job Nbr job ag	e age	Income	COLA	adjustme	ent <mark>age</mark>	age	In	come CO	LA	adjustmen	it	
281	1	25 63	\$50,000	2.009	%	\$0	25	35	\$20,000	2.20%		\$0	
282		2.5											
1	2	53 69	N. A. Bernard Brown and	0.509	100	\$0	35		\$40,000	1.50%		\$0	
283	2 3	53 69	9 \$40,000 0 \$0	0.509	100	\$0 \$0	35 58		\$40,000 \$15,000	1.50% 1.50%		\$0 \$0	
284	3	0 6	\$0	0.009	%	\$0	58	66	\$15,000				
284 285	View the final res	o (sults in the	\$0 \$0 "R. Result	o.oo9	eet after	you have	58 e entered a	66 Il your	\$15,000 data.	1.50%			
284 285 286	View the final res	o sults in the	"R. Result	ts" workshou can view	eet after	you have	e entered a	66 Il your R. Resu	\$15,000 data.	1.50% eet. This	takes		
284 285 286 287	View the final res	o sults in the	"R. Result	ts" workshou can view	eet after	you have	e entered a	66 Il your R. Resu	\$15,000 data.	1.50% eet. This	takes		
284 285 286 287 288	View the final res After you have entintermediate result	sults in the ered all of y	"R. Result our data, you	o.009 Es" workshou can view of the work	eet after	you have	e entered a	66 Il your R. Resu	\$15,000 data.	1.50% eet. This	takes		
284 285 286 287 288 289	View the final res After you have entintermediate result The worksheets a	sults in the ered all of y as computed are color co	"R. Result our data, you d in the rest	o.oo9 is" workshou can view of the work	eet after your resul	you have ts summa d gives yo	e entered a rized in the u a global p	II your R. Resu icture o	\$15,000 data.	1.50% eet. This	takes		
284 285 286 287 288 289 290	View the final resolution and the worksheets a Introduction and	sults in the ered all of y as computed are color color color color color color color color executives.	"R. Result our data, you d in the rest oded by fu worksheets	o.009 ts" workshou can view of the work nction. s are white.	eet after your resul ksheets an	you have ts summa d gives yo	e entered a rized in the u a global p	II your R. Resu icture o	data. Ilts workshe f your situa	1.50% eet. This	takes		
284 285 286 287 288 289 290 291	View the final res After you have enti intermediate result The worksheets a Introduction and SimpleCalc worksheets	sults in the ered all of y as computed are color color color color color color color color executives.	"R. Result our data, you d in the rest	o.009 ts" workshou can view of the work nction. s are white.	eet after your resul ksheets an	you have ts summa d gives yo	e entered a rized in the u a global p	II your R. Resu icture o	data. Ilts workshe f your situa	1.50% eet. This	takes		
284 285 286 287 288 289 290 291 292	View the final resolution and SimpleCalc works	sults in the ered all of yes computed are color color color scheet:	"R. Result our data, you d in the rest oded by fu worksheets SimpleCald	o.009 ts" workshou can view of the work nction. s are white.	eet after your resul ksheets an	you have Its summa d gives you	e entered a rized in the u a global p al document entary glide	II your R. Resu icture o	data. Ilts workshe f your situa	1.50% eet. This	takes		
284 285 286 287 288 289 290 291 292 293	View the final res After you have enti intermediate result The worksheets a Introduction and SimpleCalc work Figures and Appe	sults in the ered all of yes computed are color color color scheet:	"R. Result our data, you d in the rest oded by fu worksheets SimpleCald	o.009 ts" workshou can view of the work nction. s are white.	eet after your resul ksheets an	you have Its summa d gives you	e entered a rized in the u a global p	II your R. Resu icture o	data. Ilts workshe f your situa	1.50% eet. This	takes		
284 285 286 287 288 290 291 292 293 294	View the final resolution and SimpleCalc works Figures and Appe	sults in the ered all of yes computed are color conferences asheet:	"R. Result our data, you d in the rest oded by fu worksheets SimpleCalc	o.009 ts" workshou can view of the work nction. s are white.	eet after your resul ksheets and is is	you have Its summa d gives you s additione s the elements	e entered a rized in the u a global part document entary glide	Il your R. Resu icture o ration ration	data. Ilts workshe f your situa	eet. This	takes or by year.	\$0	
284 285 286 287 288 290 291 292 293 294	View the final resolution and SimpleCalc work Figures and Apper	sults in the ered all of yes computed are color configurations are color configurations.	"R. Result our data, you d in the rest oded by fu worksheets SimpleCalc	o.009 ts" workshou can view of the work onction. s are white.	eet after your resul ksheets an is is	you have Its summa d gives yo s additions s the elements additions S. Setup,	e entered a rized in the u a global part document entary glide	Il your R. Resu icture o ration ration	data. Ilts workshe f your situa alculator ough 10. Ex	eet. This tion yea	takes or by year.	\$0	

	А	В	С	D	Е	F	G	Н	ı	J	K
297	You don't edit the	Assumption	s worksheet since it	summarize	s the other	data works	heets.				
298											
299	Results workshe		R. Results					h results a j	fter enterin	g your data	
300	You don't edit the I	R. Results w	orksheet since it sui	mmarizes th	ne other dat	a workshee	ets.				
301											
302	Configuration we	orksheets:	S. Setup		used to con	figure entii	re spreadshe	et (indicate	which shee	ets are used,	1
303			1. AgeData		enter age, (CPI, marke	t returns, in:	surance use	d througho	ut spreadsh	et
304			2. TaxData		enter Fedei	ral tax data	and filing s	tatus			
305											
			y one or more sourc	es of yearly							
307	Income workshe	eets:	3. WorkData		enter your	work incom	ne data, if ar	ny (current d	or future)		
308			4. Pension Data		enter your	pension inc	ome data, ij	any (currei	nt or future))	
309			5. SocSecData				rity income (
310			6. AnnuityData		enter your	annuity inc	ome data, if	any (currer	nt or future)		
311											
	The investment acc	counts are a	lso a source of mon	ey through	taking witho	drawals (as	well as allov	ving contrib	outions).		
313	Investment wor	ksheets:	7. IRAdata		enter your	tax-deferre	d IRA accou	nts data, if	any (curren	t or future)	
314			8. RothData		enter your	Roth IRA ac	counts data	, if any (cur	rent or futu	re)	
315			9. SavingsData		enter your	taxable sav	ings accoun	ts data, if a	ny (current	or future)	
316											
317	This is the workshe	et where yo	ou enter your yearly	expenses							
318	Expense worksh	neet:	10. ExpensesData		enter your	expenses do	ata (current	or future)			
319											
		•	low is computed fro	m (Income -	+ Withdrawa	als - Expens	es - Taxes)				
321	You don't edit the	CashData w	orksheet.								
322	Cash-flow work	sheet:	11. CashData		summarize.	s the cash f	low from th	e other wor	ksheets		
323											
324	This RMD table use	d with IRA	withdrawals is in the	RMDtable	worksheet						
325	You don't edit the I	RMDtable v	vorksheet unless the	IRS update	s it's RMD d	lata.					
326	RMD table work	ksheet:	12. RMDtable		contains th	e IRS Requi	red Minimu	m Distributi	on data		
327											
-	• • • • • • • • • • • • • • • • • • • •		a worksheets accoun						•		
-	• • •	s, rates of re	eturn (ROR), COLAs,	etc.). There	is a detailed	d list of all t	hese worksl	neets tables	and sectio	ns	
330	in Appendix A .										

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331											
332	Income sources are	: work inco	me, pensions, Social	Security, a	nd annuity l	penefits. Inv	estment ac	counts inclu	ude tax-defe	erred	
333	IRAs, Roth IRAs, and	d savings in	vestment accounts.	You may sp	ecify contril	outions and	withdrawa	ls from inve	stment acco	ounts.	
334	Expenses and dedu	ctions are e	entered in the 10. Ex	pensesData	worksheet	. Taxes are 1	then estima	ted on the	total		
335	taxable income. All	data works	heets let you specify	the age wh	nen the inco	mes, contri	butions and	d withdrawa	als or expen	ses	
336	start as well as whe	n they end	. Investment contrib	outions and	withdrawal	s as well as	expenses a	nd tax dedu	ictions are		
337	specified by both so	cheduled ye	early events and by i	rregular eve	nts. Irregula	ar events ar	e specified	at particula	r ages		
338	rather than on a ye	early schedu	ule.								
339											
340	How excess or ins	sufficient o	cash is handled at	the end of	each year						
	•		stment withdrawals								
342	worksheet. Expense	es and taxe	s are "removed" or s	ubtracted f	rom the 11.	CashData v	worksheet. ⁻	The resultin	g excess (or	•	
343	shortfall) is calculat	ed and add	ed or (removed) fro	m the taxab	le savings ir	n 9. Savings	Data . Here	is an examp	ole to help c	larify	
344	the difference betw	veen schedi	uled and unschedule	d events. Fo	or example,	you might s	schedule ye	arly withdra	awals from t	the	
345	Savings account on	either a sp	ecific schedule (e.g.,	1%/year) o	r on an irre	gular basis s	uch as a pa	rticular with	ndrawal for	a new car a	
346	(e.g., \$22,000). This	is describe	ed in more detail in s	ection 1.4 b	elow.						
347											
348	How life insurance	e payouts	are handled								
349	If there is ever a life	e insurance	payout for S1 and/o	r S2 for poli	cies describ	ed in 1. Age	eData section	on 1.4 , the p	payout		
350	is computed for 9. S	SavingsData	a table 9.4.2.1 and a	dded tax-fre	ee to the sa	vings accord	ding to the p	oayee.			
351											
352	Demonstration D	ata that y	ou must override t	o enter yo	ur data						
353	The spreadsheet co	mes with d	emonstration (demo	o) data alrea	ady set up fo	or demonsti	ration purpo	oses and to	gives exam	ples	
354	of reasonable value	es in all of the	ne data-entry worksl	neets. You n	nay or may	not use all o	of the data-	entry works	sheets. You		
355	direct the spreadsh	eet to not ι	use any particular da	ta workshe	et by selecti	ing " <mark>ignorin</mark>	g" them in t	the S. Setup	worksheet		
356	section S.1 lets you	declare the	e data worksheets th	at <i>you do</i> w	<i>ant</i> you sp	ecify as " <mark>use</mark>	<mark>ed</mark> ". [You ca	n also igno	re data fron	า	
357	particular workshee	ets by settir	ng the income, contr	ibution or w	ithdrawal a	imounts dat	ta to \$0 to r	emove ther	m from		
358	the calculations.] Tl	he investme	ent returns for the ir	vestment a	ccount (IRA	, Roth, and	Savings acc	ounts) from	the		
			current year for each						· -).		
360	S. Setup section S.2	lets you er	nable/disable the use	e of Irregula	r contributi	ons and wit	hdrawals b	y selecting			
	•		neet S.3 lets you ena	ble/disable	the use of s	cheduled c	ontribution	s and witho	lrawals by		
	selecting "yes" or "	no"									
363											

	А	В	С	D	E	F	G	Н	I	J	K	
364	Removing the irre	egular den	nonstration data i	n (7. IRAda	ata, 8. Rotl	nData, 9. S	SavingsData	а, 10. Ехре	nsesData)			
365	Some of the worksh	neets have	irregular demonstra	tion data (7	. IRAdata, 8	. RothData	, 9. Savingsl	Data, 10. Ex	pensesData	a)		
366	that you should rep	lace with e	mpty entries when y	ou are ente	ering your o	wn data or	use the "- nc	Demo-" ve	rsion of the	9		
367	spreadsheet. Only 6	enter data i	n the red cells. The s	spreadsheet	t is also distr	ibuted in t	wo other file	e versions w	/ith			
368	"-noIrregularData-	" and "-noD	Data-" in their titles.									
369												
370	The spreadsheet	files are d	istributed with the	e name, ve	rsion numl	ber, and d	emo data a	as part of t	he file			
371	The spreadsheet i	is distribut	ed in three differe	nt versions	depending	g on how r	much demo	nstration	data are to	be be		
372	provided. This is r	noted in th	e file names as we	now desci	ribe.							
373	The file names all	versions o	of the " <u>Simplified-I</u>	ncome-Pla	nning-Tool	" are prefix	xed with " S	IPT-".				
374	For example, the	<u>version nu</u>	<u>ımber</u> is indicated :	as:	V.0.19.2							
375	This is followed by	y the relea	se date is indicate	d by:	11-8-2015a	1						
376												
377		a) full de	emo data	SIPT-Demo-	V.0.19.2-11-	8-2015a.xlsx	(
378		_	egular demo data	SIPT-noIrre	gularDemo-V	.0.19.2-11-8	8-2015a.xlsx					
379		c) no der	mo data	SIPT-noDem	no-V.0.19.2-1	.1-8-2015a.x	lsx					
380												
381	a) is the spreadshee	et with full	demo data. It is usef	ul for viewi	ng the full d	emonstrati	on example	s in all data	entry work	sheets.		
382	It includes examp	oles for the	data entry workshee	ets. In most	people's sit	uations, yo	u might only	y use a few	of these			
383	types of income s	sources for	your data.									
384	-	·	adsheet as (a) but w									
385			viewing demonstrati									
386	•		n entering your pers			• • • • • • • • • • • • • • • • • • • •	nswers migh	nt be and yo	ou can adjus	st your		
387			overwriting the de									
			50 or 0.0% (as neede									
389			orksheet S. Setup . It	is useful fo	r entering y	our data fro	om scratch v	vithout hav	ing to overv	vrite any		
390	demonstration d	ata answer	S.									
391												
	You can enter your	own data i	n any of the three ve	ersions over	writing dem	o data as r	equired.					
393												
	94 All worksheets where calculations are performed are protected except for the red cells where you are to enter your data 95 Because entering data in non-red cells might corrupt the spreadsheet, we protect all worksheets except red cells where											
										9		
396	you enter your data	a. You can u	inprotect any works	heet you ar	e in by going	g into the E	xcel <u>Format</u>	option and	clicking			

	Α	В	С	D	Е	F	G	Н	I	J	K
397	on <i>Unprotect work</i>	sheet . For n	nore details on prot	ecting/unpr	otecting wo	rksheets, s	ee RS. Reso	urces RS.9 I	Excel resou	irces.	
398	-		-								
399											-
400	1.4 How Contr	ibutions,	Withdrawals a	nd Expen	ses are h	andled					
401	Both scheduled and	d additional	withdrawals taken	from the tax	k-deferred II	RA, Roth IR	A, and Savin	gs accounts	are added	to	
402	the cash-flow in the	e 11. CashD	ata worksheet. Both	scheduled	and irregula	ır Expenses	(10. Expen	sesData wo	rksheet)		
403	and Federal and Sta	ate taxes (2	. TaxData workshee	t) are taken	from the ca	sh account	. Roughly, fo	or each yea	r y,		
404											
405	Cash(y) = Inco	ome(y) + W	ithdrawals(y) - Cont	ributions(y) - Expenses	(y) - Taxes(y) + Insurar	nce Payout(y)		
406											
407	Then, the cash bala	ince is adde	d (subtracted if nega	ative) to the	e savings acc	ount for th	e next year,	•			
408											
409	Savings(y+1)	= Savings(y)) + Cash(y)								
410											
411	This means if you h	ave large fu	iture expenses planr	ned, you ma	y want to lo	wer expen	ses and/or v	withdraw so	me of the	money	
412	over several years t	from the tax	k-deferred IRA, or ta	xable saving	gs with high	unrealized	capital gain	s to help pa	y for them	. Doing	
413	this over several ye	ears prior to	the expense may p	ossibly avoi	d your goin	g into a mu	ch higher m	arginal tax l	bracket. Th	en when	
414	this additional mor	ey is added	to the Cash-flow, th	ne expenses	will be cove	ered and th	e Cash-flow	will not sho	ow a negat	ive	
415	amount. You have	the option i	n the 11. CashData v	worksheet t	o rebalance	spouse S1	and S2 by re	ebalancing (cash betwe	en	
416	them for a year in v	which one o	f them has a negativ	e balance.	This is enab	ed in the S o	etup S.2 wo	rksheet. Th	at is, each	year	
417	if the cash flow for	either S1 or	S2 is negative, it th	en subtract	s the negati	ve amount	from the po	sitive one s	o the one	with	
418	extra cash helps ou	t the spous	se S1 or S2 who has	a negative b	palance.						
419											
420											
421	1.5 Error check	ing - Run	ning out of mo	ney and a	age entry	checking	3				
422	There is some erro	r checking b	uilt into the spreads	sheet, altho	ugh far fron	complete.	In the inco	me source o	data worksl	heets,	
423	If you enter an age	less then yo	our current age it wi	ll give you a	n error mes	sage to tha	t effect. The	e age must l	be at least	the	
424	age you enter in th	e 1. AgeDat	a worksheet. Also, v	vhen taking	scheduled I	nvestment	withdrawal	s and exper	nses, you		
425	must specify both a	a starting ag	ge and ending age. (To schedule	yearly ever	nts for your	lifetime, er	iter a large			
426	value such as 100 c	or 110 for th	ne ending age). The	spreadshee	et checks to	make sure	your startin	g age is less	than		
427	your ending age, ar	nd will warn	s you if it is not. If yo	our withdra	wals from a	n investme	nt account a	are too high	,		
428	the account will rui	n out of mo	ney and will show a	negative ba	lance. This l	ast error ch	necking will	warn you in	case		
429	that happens so yo	u can withd	raw less to avoid th	is situation.	These chec	ks are sum	marized in s	sections R.8	.1 and		

	Α	В	С	D	Е	F	G	Н	I	J	K			
430	R.8.2 in the R. Results worksheet. If there is no error, then a blue dot will appear. Otherwise you will see an error													
431	message describing	the situati	on and directing you	ı to the app	ropriate wo	rksheet to c	orrect it.							
432	In summary:													
433														
434	(a) Validity checks a	(a) Validity checks are made for IRA, Roth, Savings and Cash-flow accounts to test if any of them run out of money. This is indicated with a PROBLEM warning on the R. Results worksheet R.8.2 . The error will remain until you correct it.												
435	is indicated with	n a PROBLEI	M warning on the R.	Results wo	rksheet R.8	3.2 . The erro	or will rema	in until you	correct it.					
436														
	(b) Validity checks are made in the data worksheets comparing the age entries with those of the 1. AgeData worksheet													
438			nsistent, it will show						re not					
439	being used (since you set the amounts in question to \$0), you must set your starting age in the other													
440	· · · · · · · · · · · · · · · · · · ·													
441	R. Results sectio	n R.8.1 .												
442														
443														
444	2. Disclaimer													
445	This software atter	npts to mo	<mark>del an income strea</mark>	<mark>m from sev</mark>	eral differe	<mark>nt income s</mark>	ources, inv	<mark>estment wi</mark>	thdrawals,					
446	expenses, taxes an	d cash-flow	<mark>/s over time. No cla</mark>	im is made	to the accu	racy, suitab	ility, and co	orrectness o	of the					
447	algorithms. Also, n	ote that the	<mark>e further out one go</mark>	es over tim	e, the less a	accurate any	y estimates	will be. Sir	nce the					
448	software uses stati	c models a	nd static rates of re	turn, CPI, et	c. that you	enter, it wil	ll not track	<mark>actual mar</mark> l	ket values					
449	over time. The soft	ware uses	only Excel formulas	and <i>doe</i>	s not use V	<mark>isual Basic (</mark>	VBA), s	o one can e	easily reviev	N				
	· ·		<mark>Because it uses gene</mark>	-	-				•					
			S Windows Excel, fre	-			-							
			on and risk as an ini	-		•								
		ly no warra	antee is offered for	this softwa	re and no re	esponsibility	is taken fo	or any error	s in. or use	of				
	the software.			I	I.	1		I.	1	ı				
455														
456														
457	3. Directions for	or using t	he spreadsheet											
458	The spreadsheet as	it is distrib	uted has demonstra	tion data er	ntered in <mark>re</mark>	d cells throu	igh the wor	ksheet. Ent	er <u>your data</u>	1				
459	by overwriting the	demonstrat	ion data. You might	want to say	e your spre	adsheet wit	th a new file	e name as y	ou make ch	anges.				
460	The demonstration	data provid	des examples of ans	wers to give	you an idea	a of typical v	values. Not	e that negat	tive number	s are				
461	shown as red (\$1,2	34) rather t	han -\$1,234, and sh	ould not be	edited.									
462														

	ta in the 5.1 you decetup section and the expoutions and answer with	cclare the on S.2 penses									
By not using that worksheet specified in S. Setup section S.1, it will also ignore that data. Then enter your data 466 1. AgeData and 2. TaxData worksheets since these are used by the other data worksheets. In table S. Setup S set of data worksheets that are applicable to you (see Figure 1), where you select "use" or "ignore". In S. Set 468 you can configure the spreadsheet to use irregular contributions and withdrawals for investment accounts an 469 account (see Figure 2 in Figures worksheet In S.3 you can configure the spreadsheet to use scheduled contrib 470 withdrawals for the investment accounts (see Figure 3). Most of the S.2 and in S.3 require a "yes" or "no" an 471 question using having a "keep" or "remove" question. 472 473 Then, entering data in other worksheets 474 After setting the initial configuration in the S. Setup, 1. AgeData and 2. TaxData worksheets, enter the rest of 475 data in the data worksheets 3. WorkData through 10. ExpensesData you have selected (see section 1.3 above 476 entry worksheets). Again, only enter data in the red cells on the worksheets. You switch between worksheets 477 on the tabs at the bottom of this Excel window or by clicking on the hypertext worksheet name in the Worksheat table at the end of each worksheet (see an example at the bottom of this worksheet). Some worksheets (like 479 also have hyperlinks to other worksheets.	ta in the 5.1 you decetup section and the expoutions and answer with	cclare the on S.2 penses									
466 1. AgeData and 2. TaxData worksheets since these are used by the other data worksheets. In table S. Setup S 467 set of data worksheets that are applicable to you (see Figure 1), where you select "use" or "ignore". In S. See 468 you can configure the spreadsheet to use irregular contributions and withdrawals for investment accounts an 469 account (see Figure 2 in Figures worksheet In S.3 you can configure the spreadsheet to use scheduled contrib 470 withdrawals for the investment accounts (see Figure 3). Most of the S.2 and in S.3 require a "yes" or "no" an 471 question using having a "keep" or "remove" question. 472 473 Then, entering data in other worksheets 474 After setting the initial configuration in the S. Setup, 1. AgeData and 2. TaxData worksheets, enter the rest of 475 data in the data worksheets 3. WorkData through 10. ExpensesData you have selected (see section 1.3 above 476 entry worksheets). Again, only enter data in the red cells on the worksheets. You switch between worksheets 477 on the tabs at the bottom of this Excel window or by clicking on the hypertext worksheet name in the Worksh 478 table at the end of each worksheet (see an example at the bottom of this worksheet). Some worksheets (like 479 also have hyperlinks to other worksheets.	5.1 you decetup section at the expoutions and the expoutions and the expoutions and the expoutions and the expoutions are with	on S.2 Denses									
467 set of data worksheets that are applicable to you (see Figure 1), where you select "use" or "ignore". In S. See 468 you can configure the spreadsheet to use irregular contributions and withdrawals for investment accounts an 469 account (see Figure 2 in Figures worksheet In S.3 you can configure the spreadsheet to use scheduled contrib 470 withdrawals for the investment accounts (see Figure 3). Most of the S.2 and in S.3 require a "yes" or "no" an 471 question using having a "keep" or "remove" question. 472 Then, entering data in other worksheets 474 After setting the initial configuration in the S. Setup, 1. AgeData and 2. TaxData worksheets, enter the rest of 475 data in the data worksheets 3. WorkData through 10. ExpensesData you have selected (see section 1.3 above 476 entry worksheets). Again, only enter data in the red cells on the worksheets. You switch between worksheets 477 on the tabs at the bottom of this Excel window or by clicking on the hypertext worksheet name in the Worksheets table at the end of each worksheets (see an example at the bottom of this worksheet). Some worksheets (like 479 also have hyperlinks to other worksheets.	etup section and the expoutions and answer with	on S.2 Denses									
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469 account (see Figure 2 in Figures worksheet In S.3 you can configure the spreadsheet to use scheduled contrib 470 withdrawals for the investment accounts (see Figure 3). Most of the S.2 and in S.3 require a "yes" or "no" an 471 question using having a "keep" or "remove" question. 472 473 Then, entering data in other worksheets 474 After setting the initial configuration in the S. Setup, 1. AgeData and 2. TaxData worksheets, enter the rest of 475 data in the data worksheets 3. WorkData through 10. ExpensesData you have selected (see section 1.3 above 476 entry worksheets). Again, only enter data in the red cells on the worksheets. You switch between worksheets 477 on the tabs at the bottom of this Excel window or by clicking on the hypertext worksheet name in the Worksh 478 table at the end of each worksheet (see an example at the bottom of this worksheet). Some worksheets (like) 479 also have hyperlinks to other worksheets.	outions and	d									
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question using having a "keep" or "remove" question. 472 473 Then, entering data in other worksheets 474 After setting the initial configuration in the S. Setup, 1. AgeData and 2. TaxData worksheets, enter the rest of data in the data worksheets 3. WorkData through 10. ExpensesData you have selected (see section 1.3 above entry worksheets). Again, only enter data in the red cells on the worksheets. You switch between worksheets on the tabs at the bottom of this Excel window or by clicking on the hypertext worksheet name in the Worksheet table at the end of each worksheet (see an example at the bottom of this worksheet). Some worksheets (like also have hyperlinks to other worksheets.		h one									
472 Then, entering data in other worksheets 474 After setting the initial configuration in the S. Setup, 1. AgeData and 2. TaxData worksheets, enter the rest of data in the data worksheets 3. WorkData through 10. ExpensesData you have selected (see section 1.3 above entry worksheets). Again, only enter data in the red cells on the worksheets. You switch between worksheets on the tabs at the bottom of this Excel window or by clicking on the hypertext worksheet name in the Worksheet label at the end of each worksheet (see an example at the bottom of this worksheet). Some worksheets (like data have hyperlinks to other worksheets.	f vour ner										
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table at the end of each worksheet (see an example at the bottom of this worksheet). Some worksheets (like also have hyperlinks to other worksheets.	s either by	/ clicking									
479 also have hyperlinks to other worksheets.	on the tabs at the bottom of this Excel window or by clicking on the hypertext worksheet name in the Worksheet Navigation										
	table at the end of each worksheet (see an example at the bottom of this worksheet). Some worksheets (like this one) will										
[480]											
3. WorkData, 4. PensionData, 5. SocSecData, 6. AnnuityData, 7. IRAdata, 8. RothData, 9. SavingsData,	, 10 . Exper	nsesData									
482											
483 If a particular data worksheet does not apply to one of the spouses S1 or S2, or there is no spouse S2, then just	st enter \$6	0 for any									
484 income, contribution, withdrawal, etc. amounts for that worksheet. That lets the data be ignored in computing	ng the resi	ults from									
the various data sources. Although by not using that worksheet specified in S. Setup section S.1, it will also ign	nore that	data.									
486											
487 Viewing your results in the "R. Results" worksheet											
488 As you enter the data into the various worksheets, the spreadsheet will automatically recompute the other w	vorksheets	s that use									
489 it to incorporate those changes. In particular, they will be reflected in the R. Results worksheet. You can see h	how chang	ges in any									
490 worksheet affects the results by going back and forth between the R. Results worksheet and the data worksh	neet you a	re									
491 currently working on.											
492	-		-								
493 Experimenting with other configurations after you have entered your personal data											
494 You can model the income stream in various ways using temporary changes in the S. Setup configuration you	ı might ma	ake. For									
495 example you could leave out various income sources such as stopping work, adding an annuity, adding a Roth											
496 also try using different years for claiming Social Security, working longer, taking withdrawals from the IRAs or											

	А	В	С	D	E	F	G	Н	I	J	K		
497	different ages, or leave out or reduce certain expenses, etc												
498													
499													
500	4. Discussion of the list of all worksheet tables in Appendix A												
501													
502	Appendix A is a detailed list of all worksheet tables and sections. As mentioned, it is consists of those worksheets into												
503	which you enter your personal data, those that you may have to edit when the IRS rule or data changes, a cash-flow table where												
504	income and expenses are tallied, and finally the R. Results worksheet where results are summarized. It may be useful to look												
505	through these lists to familiarize yourself with the type of data that will be needed and what types of results are presented -												
506	or just view the different worksheets.												
507													
508	NOTE: You	enter y	our data <u>on</u>	<u>ly</u> in th	e Red C	Cells in	the Da	ta Inpu	t Work	sheets	•		
509		ONLY ent	er or edit data in <mark>R</mark>	ED cells.									
510		ORANGE cells are normally not changed unless the IRS changes various tax rates (do not edit).											
511		BLUE cells	are major results	or interme	ediate resu	ilts (do no	t edit).						
512		BLACK cel	<mark>ls are intermediat</mark>	e computa	tions (do r	not edit).							
513		GRAY area	as of the other wo	rksheets ir	ndicate wh	ere the an	alysis						
514		has not be	een implemented	yet and sh	ould be igr	nored.							
515													
516	Note: You don't h	ave to edi	t tables in any of th	ne other wo	orksheets k	peyond the	following	warning n	nessage if i	t is presen	t:		
517													
518	> DO <u>NOT</u>	CHANGE	ANY VALUES in	the follo	wing tab	les in thi	s worksh	eet. <	-				
519													
520													
521	5. Notes on cu	rrent ver	sion of the spre	adsheet									
522	Note (1) The spread	dsheet does	not handle state ta	xes fully as t	that would	depend on t	the specific	tax rules of	each state,	and			
523	would need to take	e tax-free m	uni-bond income int	o account. I	However, in	the 2. Tax [Data worksh	neet it does	allow you t	0			
524	declare a state tax	percentage	which will be added	to your ma	rginal tax ra	ate and app	lied to the a	adjusted gro	ss income.				
525	It also allows you s	pecify the ta	ax-free deduction as	a percentag	ge in 9. Savi	ngsData se	ction 9.2 so	that muni l	oond incom	e			
526	6 could be approximated.												

	А	В	С	D	Е	F	G	Н	I	J	K	
527												
528	Note (2) The spread	dsheet mod	el uses average esti	mated value	es you speci	fy for CPI, t	ax rates, wit	hdrawal va	lues (RMDs			
529	are enforced), and	rates of ret	urn that will obvious	sly be a bit o	lifferent in t	the future. I	But probabl	y not too fa	r off for rou	gh		
530	estimation purpose	es. You can	use the CPI, set in 1.	AgeData w	orksheet, a	s the defaul	t COLA for S	Soc Sec, Per	sion, IRA,			
531	Roth and Savings w	ithdrawals,	work and annuity ir	ncome, and	Expenses. Y	'ou can also	override ea	ach of these	COLAs on			
532	the respective wor	he respective worksheets. If the COLA value you use on the data worksheets is -0 or 0%, then it uses the CPI value you set										
533												
534	Note (3) You may in	nclude inco	me from any of the s	sources (per	nsions, socia	al security, v	work, and/o	r annuities)	•			
535	Withdrawals made from Investment accounts (IRA, Roth, Savings) are treated as income. None are required except the IRA											
536	RMD withdrawals t	hat are don	ne automatically at a	ge 70 1/2.								
537												
538	Note (4) The Social	Security be	nefits tables are cor	nputed for e	each spouse	for each ye	ear delayed	past age 62	(see works	heet		
539	SocSecData sect	ion 5.1).										
540												
541	1 Note (5) You can take scheduled and/or irregular yearly expenses from the 10. ExpensesData worksheet.											
542												
			ed (i.e., yearly) as w									
			ributions and withd			•						
		temporarily	disable irregular exp	penses to ge	et an idea o	f the "stead	y-state" bel	navior of the	e income			
	stream flow.											
547												
	· · · · · · · · · · · · · · · · · · ·		not calculate additi			<u>~</u>						
			forces you to take th				•	•				
	•		erentiate with inherit									
			al" deductible IRA as									
		Also there is	s an RMD calculation	associated	with inheri	ted-Roths c	r 401(k)-Ro	ths currentl	y which hav	/e		
_	a required RMDs.											
554									_			
	• •		rmation about the c	urrent statu	us including	a list of thin	ngs TODO ai	nd the ongo	ing			
	REVISION-LIST histo	ory.										
557												
558		Elementa	ry glide-path calcu	lator (Sim	<u>pleCalc)</u>		Next SIPT	workshee	t (Assump	tions)		
559												

	А	В	С	D	E	F	G	Н	I	J	K
560	Worksheet Na										
561	To go to a specifi										
562		Introduction									
563		Assumptio									
564		R. Results									
565		S. Setup									
566		1. AgeData	1								
567		2. TaxData	!								
568	•	3. WorkDa	<u>ta</u>								
569		4. Pension	<u>Data</u>								
570		5. SocSecD	ata e								
571		6. Annuity	<u>Data</u>								
572	•	7. IRAdata									
573		8. RothDat	<u>:a</u>								
574		9. Savings	<u>Data</u>								
575		10. Expens									
576		11. CashDa	<u>ata</u>								
577		12. RMDta	<u>ble</u>								
578		RS. Resour	ces	Articles, lit							
579		<u>Figures</u>		Screen sho							
580		<u>Appendix</u>		List of all w	orksheets	tables & sed	ction				
581		Appendix I		Extra calcu							
582		<u>Appendix</u> (Glossary of							
583		<u>Appendix I</u>	<u>D</u>		_	ues and Rev	vision list				
584		FAQ		Frequently	Asked Que	estions					