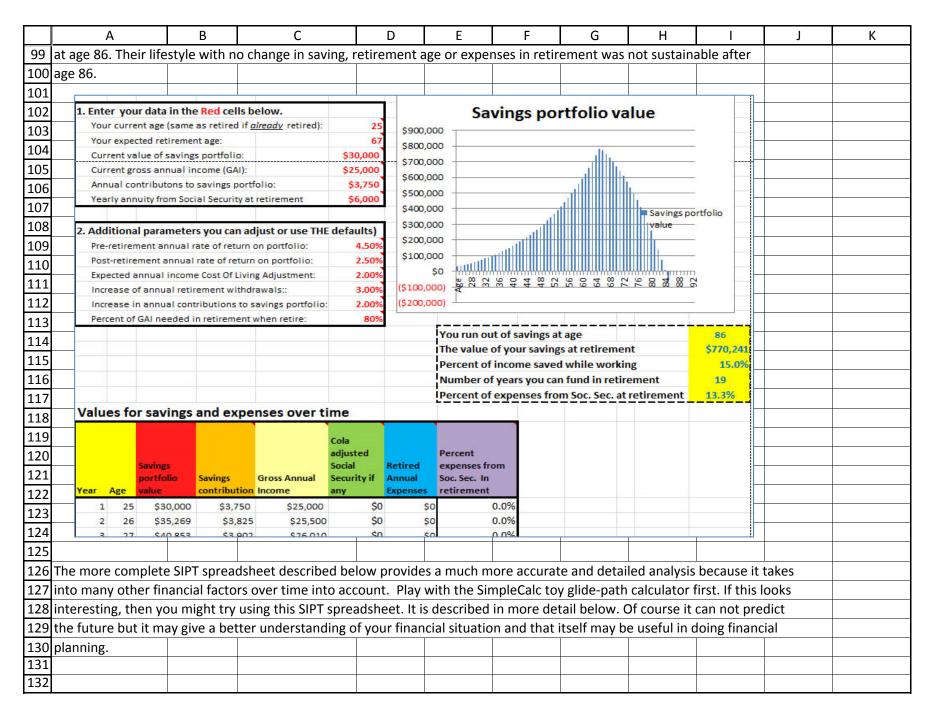
	А	В	С	D	E	F	G	Н	I	J	K
1	File: SIPT.xls		Elementary glide-	-path calcu	lator (Simp	oleCalc)		Next SIPT	workshee	t (Assumpt	ions)
2											
3	Simplified I	ncome	-Stream Plai	nning T	ool						
4	Calculate a financ	cial Glide-P	ath from yearly C	ash-flows,	Income Sti	reams, Exp	enses, Inv	estment A	Accounts a	nd Taxes	
5											
6	This Excel spreadsh	neet is desig	ned for people who	want to pl	an for futur	e income, s	saving and s	pending ne	eds. It calc	ulates rough	1
7	estimates of saving	g and spend	ing patterns over ti	me. You mu	st enter <i>sur</i>	nmaries of	a range for	r your perso	onal financi	al data as	
8	required by the m	odel. These	include applicable	investments	(taxable a	nd retireme	ent), pensio	n, Social Se	curity, wor	k, annuity,	
9	and expenses. The	final results	s are shown in sumi	mary tables	and glide-p	ath graphs	for those t	ables. All d	ata are ent	ered and	
10	calculations are do	ne only in t	his spreadsheet. No	data are ex	ported or s	aved from	the spreads	sheet (eithe	er locally or	to the	
11	Internet). Once the	data are e	ntered, the spreads	heet estima	tes yearly c	ash-flows ເ	using incom	e from vari	ious sources	s: work,	
12	pensions, Social Se	curity, annu	uities, and life insura	ance benefi	ts; contribu	tions and w	vithdrawals	from tax-d	leferred 401	L(k), 403(b),	
13	457(b), IRAs, Roths	and Saving	s investment accou	nts. The spr	eadsheet e	stimates ye	arly investi	ment returi	ns and taxe	s on	
14	investment return	s, and expe	nses. Next yearly Fe	ederal tax ra	ites and res	ulting cash	-flows are e	stimated.	The spreads	heet allows	
15	for scheduled and	irregular (u _l	ocoming additional)) contributio	ns and with	ndrawals fo	r investme	nt accounts	s (IRA, Roth	, Savings)	
16	as well as for sched	duled and ir	regular expenses ar	nd deduction	ns. From thi	is data, the	spreadshe	et then calc	culates year	ly net	
17	worth. The glide-p	aths create	d are useful for inve	estigating di	fferent plar	ning scena	rios by mal	king change	es to inputs.		
18											
19	The SIPT software	may be run	in a variety of sprea	adsheet pro	grams inclu	ding Windo	ows Excel, t	he free Ope	enOffice or	LibreOffice	
20	"calc", Google "she	eet". The sp	readsheet doesn't ι	use Microso	ft Visual Ba	sic as VBA i	a not be av	ailable in a	II spreadshe	eet	
21	programs. Apple's	"numbers"	spreadsheet progra	ım has some	incompati	bilities, so	use either E	xcel for Ma	ac or one of	the free	
22	spreadsheet progra	ams.									
23											
24	Why model? Altho	ugh models	by nature are impr	ecise, calcu	lating a rou	gh estimate	of your in	come strea	m may be u	seful for	
25	financial planning.	The spread	sheet represents a	compromise	between c	omplexity	and comple	teness and	leans in th	e direction	
26	of a simpler model	. As statistic	cian George Box not	ted "All mod	dels are wro	ng, but sor	ne are usef	ul". To illus	strate the co	oncept of	
27	glide-path modelin	ng, a very cr	ude glide-path calcu	ılator, "Sim _l	pleCalc", is	available (b	oth in the	SIPT spread	Isheet and a	as a separate	2
28	spreadsheet). This	may be use	ful for you to exper	iment with	to better ur	nderstand t	he concept	of glide-pa	ath before ι	using the	
29	full SIPT spreadshe	et, which u	ses a more complet	e financial p	olanning mo	del. These	spreadshe	ets are edu	cational to	ols.	
30											
31	Last revision:	8/25/2016	V.0.24.17	Beta**							
32	See	Appendix D	<u> </u>	for the list	of outstand	ing issues (t	things TODO	O), and full	REVISION-L	IST	
33											

	А	В	С	D	Е	F	G	Н	1	J	K		
34	Note: The spreadsh	eet will be r	evised each year af	ter new Tax	Tables & Ca	ap-Gains/Di	v. rates & ta	ax rules are	announced.				
35													
36	© P. Lemkin 2012-2	2016											
37	GNU General Public	c License, ve	rsion 3.0 (GPLv3) at	t	http://ope	nsource.org	/licenses/g	<u>pl-3.0.html</u>					
	See the full license de	escription sec	tions 15. Disclaimer o	of Warranty a	nd 16. Limita	ation of Liabi	lity for detail	S.					
39													
	** For more on <i>Bet</i>	a-level soft	ware see	https://en.	wikipedia.o	rg/wiki/Sof	tware_relea	se life cyc	<u>le</u>				
41													
42	"Forever	Reta"											
43	ė.			🙉 ,									
44			wait - one more t										
45	——		No, still not quite	The same of the sa									
46	<u></u> į '	Version 0.12											
47 48	— ¦	Version											
48	—į	Version 0.123.10 Oops, didn't implement feature correctly. 😕 Done! 😊											
50	- -!	•									_		
51	— <u>;</u>												
52		T 10 15	2015										
53	Cartoon by Ta	riar, 10-15	-2015										
54													
55	Table of Con	tents for	Introduction)									
56	Introduction												
57	1. Description of th	e SIPT Sprea	ndsheet										
58			questions that can	be investiga	ted using th	is spreadsh	eet						
59	1.2 The types of	data you nee	ed to enter										
60	1.3 How the spre	adsheet wo	rks										
61	1.4 Brief list of th	e workshee	ts										
62	1.5 How the year	ly income st	tream cash-flow and	d net worth	are calculat	ed							
63	2. The two versions	of the SIPT	spreadsheets you c	an downloa	d: "Demo" (or "User"							
64	2.1 Disclaimer												
-	3. Directions for usi												
66	4. A detailed list of	all workshee	et tables and section	ns is in Appe	endix A								

	Α	В	С	D	E	F	G	Н	1	J	K
67	5. Notes on the cur	rent version	of the spreadsheet	- what it do	es and does	s not handle	e				
68											
69	Documentation i	n additiona	al worksheets								
70	Click on the any of	the followin	g hyperlinks to go to	the worksl	neets						
71	Assumptions	Summary li	st of all settings in S	etup, and A	geData thro	ough Expen s	seData worl	ksheets			
72	<u>Results</u>	Glide-path	of income from Inco	me & Witho	drawal sour	ces less Exp	enses & Tax	ces			
73	Resources	Lists of artic	cles, literature, web	sites related	d to financia	l planning					
74	Appendix A	List of all w	orksheets describing	their table	s and sectio	ns					
75	Appendix B	Extra calcul	ators (not tied in wi	th the rest o	of the spread	dsheet)					
76	Appendix C	Glossary - d	lefinitions of terms ι	used in the s	preadsheet	•					
77	Appendix D	List of outst	tanding issues (Thing	gs TODO and	d CHECK), a	nd REVISIO	N-LIST Histo	ry			
78	FAQ	Answers to	Frequently Asked Q	uestions							
79											
80											
81	Introduction										
82											
83	The Concept										
84	While saving for fu	ture expend	itures such as retire	ment, a nev	v house, a c	ollege educ	ation for yo	ur children	you		
85	might wonder if yo	u are saving	enough or spending	g too much	on current e	expenses. If	you are nea	ar or in retir	ement,		
86	the spreadsheet let	ts you estim	ate, using a static m	odel, your i	ncome strea	am and whe	ether it will o	cover your e	expenses.		
87	It does not use a dy	ynamic mod	el such as those usir	g Monte-Ca	arlo or repea	ated randor	m sequence	s of returns	methods.		
-	· · · · · · · · · · · · · · · · · · ·		ook at your finances								
			e? How rapidly your								
			are doing to make su		ill on track	to reach yo	ur goals, and	d if not wha	t		
	might be changed t	to improve y	our retirement glide	e path.							
92											
-	•		Planning Tool (SIPT						•		
	· ·		ly - both for near te	•	•						
95			e on-line (see RS. Re					e flavor of t			
			s, we provide an add						SimpleCalc	_	•
			et is used just to intr								
98	SIPT spreadsheet.	ine followin	g screenshot shows	some typica	ai data and r	esuits. In th	nis example,	, the person	ran out		L



	А	В	С	D	E	F	G	Н	I	J	K
133	1. Description	n of the	SIPT Spreads	sheet							
134											
135	This spreadsheet so	oftware com	putes a rough estim	ate of year	ly income a	nd expense	flows as vai	rious incom	e sources ai	nd	
136	expenses come and	go over tin	ne. Results are calcu	lated at the	end of eacl	h year. It us	es a yearly '	'cash flow"	calculation		
137	defined as the sum	of income a	and withdrawals, and	d expenses,	contributio	ns and estir	mated taxes	are subtra	cted. Any fu	unds	
138	left over each year	in the cash	account are saved b	ack into the	investmen	t taxable sa	vings accou	nt for the ne	ext year.		
139	Similarly, in years w	ith a yearly	cash shortfalls are t	aken from t	the savings	account the	next year.	The spreads	heet		
140	is an Excel workboo	ok consisting	g of a number of wo	rksheets co	ntaining per	sonal data	that you en	ter. In Excel	, the		
141	spreadsheet as a w	hole is calle	d a workbook which	in turn is a	collection c	of workshee	ts. Clicking	on one of th	e tabs at th	ie	
142	bottom of the wind	low will brin	ng up that particular	worksheet	•						
143											
144	Setting up the spi	readsheet									
	•		specify which works					•		•	
	called S1 and S2. S1 and S2 can be married or unmarried. However the latter should only use the tax filing status Separate Filing.										
	·		orksheets by clickin								
			ks (blue font with an							rksheet	
			the other data wor					data in the	tables.		
	The results are upd	ated when a	any data is changed	in any of th	e other data	entry worl	ksheets.				
151											
			ertise and familiarit	-							
			spreadsheet) <u>befor</u>							vitch	
		worksheets	that focus on <i>partice</i>	<i>ular</i> types o	of data (e.g.,	, work incor	ne, Social Se	ecurity bene	efits, IRAs		
	expenses, etc.).										
156											
-	Types of persona							_		_	
			an be defined and in								
			accounts including:								
			urposes of the sprea								
			red IRAs. Similarly a		•				•		
\vdash		•	olled over to "Rollov								
			wals to each of the								L
	event occurring on a particular year. You may specify expenses as both scheduled and irregular events. You might think about your first of future irregular expenses as a planning tool for your future expenses in your "Bucket-List" - such as college expenses,										
165	list of future irregul	ar expenses	as a planning tool	for your fut	ure expense	es in your "E	Bucket-List"	- such as co	ollege expe	nses,	L

	А	В	С	D	Е	F	G	Н	1	J	K
166	retirement, trips, gi	fts, etc. (Se	e the discussion of th	ne 2007 cor	nedy film <u>Tl</u>	ne Bucket Li	<u>ist</u>	http://en.w	vikipedia.or	g/wiki/Buck	et_list
167	for a nice definition	.) The sprea	dsheet calculates yo	our remaini	ng assets ye	arly so you	can used th	is for plann	ing future e	xpenses.	
168											
169	Income sources are	: work inco	me, pensions, Social	Security, ar	nd annuity b	enefits. Inv	estment ac	counts inclu	ide tax-defe	erred	
170	IRAs, Roth IRAs, and	d savings inv	vestment accounts. (Contributio	ns and with	drawals ma	y be specifie	ed from inve	estment acc	counts.	
171	Expenses and tax d	eductions a	re entered in the 10.	Expenses	Data worksh	eet. Taxes a	are then est	imated on t	he total		
			heets require you sp							xpenses	
_			Investment contribu				•				
			arly events and by ir	regular eve	nts. Irregula	r events ar	e specified a	at particular	ages		
	rather than on a ye	early schedu	ıle.								
176											
177	If the cash-flow is e	ver negative	e for a particular yea	r, It takes t	he shortfall	from the ta	xable saving	gs account (9. SavingsD	oata).	
		·	ossibly increase son								
	•	make the ca	sh-flow positive if it	was down	a lot. The sp	readsheet v	warns if this	situation h	appens in R	.Results	
	section R.8 .										
181											
182											
183	1.1 Examples o	f some o	f the questions	that can	be invest	igated us	sing this s	spreadsh	eet		
184	How these can be	answered	using the SIPT is d	escribed ir	n the FAQ.						
185	Q.1 Will I run out	of money du	uring retirement?								
186	Q.1.1 Will the mor	ney being sa	ived for college expe	nses (or a r	new home o	r cars, etc.)	be adequat	te?			
187	Q.2 When should	I do withdra	iwals on my tax-defe	rred IRAs?							
188	Q.3 When should	I retire, clair	m Social Security, an	d how will t	this affect m	y savings?					
189			es affect my future i								
190	Q.5 How much mo	ore income o	could I earn long teri	m if I have a	a more aggre	essive stock	portfolio (r	more stocks)?		
191	Q.6 What is the ef	fect of diffe	rent levels of inflation	on on my sa	vings over t	ime?					
192	Q.7 What would the	ne effect be	of adding annuities	during retir	rement? Wh	at if I starte	ed them at o	different tim	nes?		
193											
194											
195	1.2 The types of	of data yo	u need to enter	•							
196	Specify the starting	and ending	ages for each incom	ne stream (v	work, pension	on, Social Se	curity, and,	or annuitie	s), and do		
197	this independently	for each spo	ouse S1 and S2. Spec	ify the expe	ected avera	ge market re	eturns for s	tock, bonds	and cash		
198	(fixed income) in yo	our investme	ent portfolio. Histori	cally, rough	ly 90% of yo	our portfolio	return is d	letermined	by your ass	et	

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199	allocation (roughly	the stock:b	ond ratio). In addition	on, specify (the same or	different)	Cost Of Livir	ng Adjustme	ents		
200	or COLAs for each o	of these inco	ome streams that inc	rease the ir	ncome and e	expenses by	that perce	ntage each	year. Also		
201	specify the expecte	d Consume	r Price Index (CPI) th	at can used	as a defaul	t for the var	rious COLAs	you need t	o enter.		
202											
203	Types of Savings										
204	Similarly, specify th	e age range	s for scheduled inve	stment (IRA	, Roth, taxa	ble Savings) contribution	ons and wit	hdrawals		
205	for S1 and S2. The I	RA and Rotl	n accounts are optio	nal, but <u>the</u>	Savings acc	ount is requ	<u>uired</u> since i	t is used to	reconcile tl	ne cash-	
206	flow and where insi	urance (if ar	ny) payouts are depo	osited. You i	may specify	optionally l	both schedu	ıled contrib	utions as a	fixed	
207	amounts and withd	rawals as a	percentage each yea	ar that incre	ease by a CC	LA if desire	ed. You may	also specify	optional ir	regular	
208	contributions and w	vithdrawal e	events that can occu	r at any age	or have sev	eral events	s the same y	ear indepe	ndently for	both S	
209	and S2. For example	e, one could	d withdraw money to	buy a new	car, pay for	kids colleg	e, take a bi	g trip and b	uy a new h	ouse at	
210	the same year. You	specify the	age (e.g. 59) rather	than the ye	ar (e.g. 2019	9) for the ev	vents. It cor	mputes the	sum of the	scheduled	
211	and irregular contri	butions and	withdrawals respec	tively each	year. These	are tracked	d separately	for S1 and	S2.		
212											
213	Types of Expense	S									
214	Expenses are specif	ied similar t	to contributions and	withdrawa	ls for investi	ment accou	ints, but as s	scheduled a	nd irregula	r	
			ly investment accou					•			
216	from the cash-flow.	. Specify sch	neduled and optiona	l irregular o	leductions t	hat are use	d for part of	f the tax cal	culations.		
			pping ages with an o								
218	taxes that are comp	outed are su	ibtracted from the c	ash account	t. Note that	State taxes	are estimat	ed by a fixe	d percenta	ge,	
219	not as a AGI-depend	dent, margi	nal tax rate. Differer	nt states ma	y also have	various dec	duction leve	ls associate	d with diffe	rent	
	types of pensions,	etc. which a	re not taken into ac	count.							
221											
			ngle person (S1) o								
			n just <u>enter zeros</u> for								
			married. Married S1								
			IFS). Single individua		use Head of	Household	(HH). Howe	ever the unr	married S1	and S2	
-	should only use the	Tax filing st	tatus Single Filing (SI	F).							
227											
			static types of calc								
-			timates you specify f								
-			in reality these all ch								
231	not address the pro	blem of sec	quence of returns an	d sequence	of withdrav	wals that ca	in radically a	affect long t	erm return	s. The	

	А	В	С	D	Е	F	G	Н	ı	J	K
232	reality is that all fut	ure rates o	f returns, CPIs, COLA	s, tax rates	, tax rules a	nd schedule	es, deductio	n schedules	, etc. are ur	nknown.	
233	However, we know	they <u>will</u> va	ary and both of thes	e factors ca	n greatly af	fect future r	esults. Bett	er methods	such as mo	nte-carlo	
234	or randomized sequ	uences of ac	tual past returns ca	n improve t	he model, b	out still can i	not guarant	ee returns.	Such advan	ced	
235	methods are beyon	d the scope	of this spreadsheet	. Black Swai	n events do	happen - th	nink 9/11 ar	d the 2007	-Great Rece	ssion.	
236	So these results are	really ball-	park estimates, but	that still ma	ay be useful	for plannin	g.				
237											
238											
239	1.3 How the sp	readshee	et works								
240	Each worksheet has	s INSTRUC	TIONS that explain	what is nee	ded to be fi	lled out in t	hat worksh	eet. As data	is entered,		
241	remember to save	the Excel wo	orkbook (spreadshee	et) after or o	during your	editing of th	ne various v	vorksheets.	Entered da	ta	
242	will not be saved ur	nless you tel	l Excel (or whatever	spreadshee	et program	you are usir	ng) to save i	t. As you m	ake changes	5,	
243	saving the spreadsh	neet often is	a good idea.								
244											
245	First, enter your p	personal co	onfiguration of the	spreadsh	eet using t	he "S. Setu	ıp: worksh	eet			
			eets apply to you ar								
247	that apply to your p	personal situ	nation in section S.1	and either s	select "usec	d" or "ignore	ed" for each	of the wor	ksheet optic	ons.	
248	Specify whether to	include irre	gular contributions a	and withdra	wals in the	investment	and expens	se accounts	in section S	.2.	
	Finally, specify whe	ther to add	scheduled contribut	tions and w	ithdrawals f	for the inves	stment acco	unts in tabl	e S.3 .		
250											
251	Then enter your A	Age(s) and	Tax data								
_			sheet, you should th	en edit the	1. AgeData	worksheet	, and then e	enter basic t	ax filing dat	a in the	
	2. TaxData workshe	eet.									
254											
	<u> </u>		ne relevant 3. Woi								
			ta-entry worksheets				<u>~</u>				
_			worksheets allow th				a table we	call a " <i>Table</i>	-GUI" - for	example	
	multiple jobs. (See	the glossary	y in Appendix C or th	ne FAQ for I	more detail	s).					
259											
	•		s in the "R. Result								
			he results which are						·		
			in the rest of the w				at presenti	ng a global _I	picture of th	ne	
	glide-paths for the	different acc	counts and compute	ed results or	a year by	year basis.					
264											

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265	There is some limite	ed error ch	ecking. See the FAQ	for details.							
266											
267											
268	1.4 Brief list of	the wor	ksheets								
269	The worksheets a	re color co	ded by function. V	Ve list the	main purp	ose of the f	ollowing v	vorksheets	. See each	worksheet	
270	for more details.										
271											
272	Introduction and	Resources	worksheets are whi	te.	is addition	al documen	tation				
273	SimpleCalc work	sheet:	<u>SimpleCalc</u>		is the elem	entary glide	e-path calcu	lator			
274											
275	Appendices A, B	, C, D work:	sheets are		is addition	al documen	tation				
276											
277	You can view a sum	mary view	at any time of all yo	ur settings i	n S. Setup,	and 1. AgeD	ata througl	h 10. Expen	seData wor	rksheets.	
278	Assumptions wo		<u>Assumptions</u>		Summary list of all settings by user in the other works					ets	
	The Assumptions v	vorksheet i	s not edited since it	summarizes	the other	data worksh	eets.				
280											
281	Results workshe		R. Results					th results a j	fter enterir	ng your data	<u> </u>
	The R. Results work	sheet is no	t edited since it sum	marizes the	other data	worksheets	S.				
283											
284	Configuration wo	orksheets:	S. Setup		<mark></mark>					ets are used	•
285			1. AgeData						d througho	ut spreadsh	eet
286			2. TaxData	7	enter Fede	ral tax data	and filing s	tatus			
287											
			y one or more sourc	es of yearly							
289	Income workshe	eets:	3. WorkData			ent or future					
290			4. Pension Data		-	ent or future			•		
291			5. SocSecData		 	ent or future				у	
292			6. AnnuityData		enter curre	ent or future	annuity in	come data,	if any		
293											
-			lso a source of mon	ey through	_				<u>-</u>		
295	Investment wor	ksheets:	7. IRAdata		}	deferred IRA				uture)	
296			8. RothData		<mark></mark>	IRA accoun					
297			9. SavingsData		enter taxa	ble savings (accounts da	ta, if any (c	urrent or fu	ture)	

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298												
299	This is the workshe	et where yo	ou enter your yearly	expenses								
300	Expense worksh	eet:	10. ExpensesData		enter expei	nses data (c	urrent or fu	ture)				
301												
302	This is where the ye	early cash-fl	ow is computed from	m (Income +	- Withdrawa	als - Contrib	utions - Exp	enses - Tax	es)			
303	You don't edit the (CashData w	orksheet.									
304	Cash-flow works	sheet:	11. CashData		summarize	s the cash f	low from th	e other wor	ksheets			
305												
—			withdrawals is in the									
_			sheet unless the IRS	updates it's								
308	RMD table work	ksheet:	12. RMDtable		contains th	e IRS Requii	red Minimu	m Distributi	ion data			
309							_					
			worksheets accoun									
_	1 (i.e., ages, amounts, rates of return (ROR), COLAs, etc.). There is a detailed list of all these worksheets tables and sections in											
	12 Appendix A.											
313												
		•	except for the red co		•							
			ed cells might corru						cells where			
			t can be unprotected									
	on <u>Unprotect works</u>	<u>sheet</u> . For n	nore details on prote	ecting/unpr	otecting wo	rksheets, se	ee RS. Reso u	irces RS.9 E	xcel resour	ces.		
318												
319					•							
		-	me stream cash									
			vithdrawals taken fro			-						
			worksheet. Both sch			•	-		-			
_			neet) are taken from	the cash ac	count. The f	following ed	quations giv	e a top-leve	el explain the	e		
	computations. For	each year y	, T									
325												
326	• • • • • • • • • • • • • • • • • • • •		ithdrawals(y) - SAVI		• • • • • • • • • • • • • • • • • • • •	• '**		+ Insurance	Payout(y)			
327	Withdrawals(y) = SAVINO	GSwithdrawals(y) +	IRAwithdra	wals(y) + Ro	OTHwithdra	iwals(y)					
328			1/ 1:									
			d (subtracted if nega	1	savings acc	ount for the	e next year,					
330	taking contribution	s and withd	rawals into account									

	А	В	С	D	Е	F	G	Н	I	J	K
331											
332	Savings(y+1)	= [Savings(y) + SAVINGScontrib	ution(y) - S	AVINGSwith	ndrawal(y)]	* (1+SAVII	NGSreturn)	+ Cash(y)		
333	IRA(y+1) = [IR	RA(y) + IRAc	ontribution(y) - IRA	withdrawal	(y)] * (1+IR	Areturn)					
334	ROTH(y+1) = [ROTH(y) + F	ROTHcontribution(y) - ROTHwit	hdrawal(y)] * (1+ROTI	Hreturn)				
335											
-			nses planned, you m								
337	over several years f	from the tax	deferred IRA, or ta:	xable saving	gs with high	unrealized (capital gain	s to help pa	y for them.	Doing	
338	this over several ye	ears prior to	the expense may po	ossibly avoi	d going into	a much hig	her margin	al tax brack	et. Then wh	ien	
339	this additional mon	ey is added	to the Cash-flow, th	e expenses	will be cove	ered and the	e Cash-flow	will not sho	ow a negativ	ve	
		•	the 11. CashData wo		•		•				
	•		f them has a negativ						•		<u> </u>
			S2 is negative, it the			ve amount f	rom the po	sitive one s	o the one v	with	<u> </u>
	extra cash helps ou	t the infibif	usl S1 or S2 who has	a negative	balance.						<u> </u>
344											ļ
			ash is handled at								
	•		stment withdrawals	•							
	•		s are "removed" or s								<u> </u>
			ed or (removed) froi								<u> </u>
			ıled and unschedule								<u> </u>
-			ecific schedule (e.g.,	1%/year) o	r on an irreg	gular basis s	uch as a pa	rticular with	drawal for	a new car	
	as a specific dollar	amount (e.g	<u>,,</u> \$22,000).								
352											ļ
	How life insurance										
_			payout for S1 and/o								
	is computed for 9. S	SavingsData	table 9.4.2.1 and a	dded tax-fre	ee to the sav	vings accord	ling to the p	payee (S1, S	2 or Other)	•	
356											
357											
358	2. The two vers	sions of t	he SIPT spreads	heets yo	u can dov	wnload: "	Demo" o	or "User"			<u> </u>
359	The spreadsheet i	is distribut	ed in two different	versions o	lepending	on whethe	r it has dei	monstratio	n (demo) d	data or not	
360	The demonstration	(Demo) vei	rsion has all data-en	try worksh	eets data se	t up for den	nonstration	purposes t	o gives		
361	typical examples of	reasonable	values. However, t	o make it ea	asier to ente	er your data	, a User ver	sion is prov	ided with a	ll data	
362	entry fields set to b	lank (or \$0	or 0%) as appropriat	e.							
363											

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364	The spreadsheet	files are dis	stributed with the	name, vers	ion numbe	r, and revi	sion data a	s part of t	he file		
	•		ions of the "Simpli								
			mber is indicated a		V.0.19.2		•				
367	This is followed b	y the relea	se date indicated k	oy:	11-8-2015a						
368											
369		a) full de	mo data	SIPT-Demo	-V.0.19.2-1	1-8-2015a.>	dsx				
370		b) no der	no data	SIPT-User-\	V.0.19.2-11	-8-2015a.xls	SX				
371											
372	a) The Demo version	on is the spr	eadsheet with full de	emonstratio	n data. It is	useful for v	iewing exar	nples of dat	te you migh	t enter	
373	in all worksheets	. In most pe	ople's situations, you	ı might only	use a few o	of these typ	es of incom	e sources fo	or your data	•	
374	b) The User version	n of the spre	adsheet has no dem	onstration o	data and is	ready for yo	u to enter y	our own da	ata. All data		
375		either \$0 or	0.0% in all data-ent	ry workshee	ets. All work	sheets are	unselected	in workshee	et S. Setup .		
376	i										
			le the demonstrat								
	· ·		use any particular da				_				
_			ne data worksheets					•	•		
_			by setting the incom							m from	
			ent returns for the in								
			current year for each		•				-).		
	•		sables the use of Irr				•				
	•	-	eet S.3 enables/disa	ibles the use	e of schedul	ed contribu	tions and w	vithdrawals	by		
	selecting "yes" or '	'no".									
386	-										
	2.1 Disclaimer										
		-	del an income strea								
			s over time. No cla				•				
			further out one go								
			nd static rates of ret								
-			only Excel formulas			-		-			
-	•		Because it uses gene	•	_	•	• •		•		
			Windows Excel, fre	•			. •				
			on and risk as an init								
396	software. Absolute	ely no warra	intee is offered for t	his softwar	e and no re	sponsibility	is taken fo	r any errors	s in. or use o	of	

	А	В	С	D	Е	F	G	Н	I	J	K
397	the software.										
398											
399											
400	3. Directions fo	or using t	he spreadsheet								
401	This section elabo	rates on th	ne discussion in the	e above. "1	.3 How th	e spreadsh	eet works	" section.			
402	The spreadsheet as	it is distrib	uted has demonstra	tion data er	ntered in red	cells throu	igh the worl	ksheet. Ente	er data by		
403	overwriting the der	monstration	data. Save your spr	eadsheet w	ith a new fi	le name as y	you make ch	nanges. The	demonstra	tion	
404	data provides exam	ples of ansv	wers to give an idea	of typical va	alues. Note	that negativ	ve numbers	are shown	as red		
			and should not be ed								
406											
407	The first workshe	ets you sh	ould use to enter	your data							
-			t to your personal si	•	s is done in	the S. Setu r	v worksheet	sections S.	1 to S.3 .		
-		•	ecified in S. Setup se			•					
-			rksheets since these							the	
411	set of data worksh	eets that ar	e applicable to you,	where you	select eithe	er " <mark>use</mark> " or "	ignore". In	S. Setup se	ction S.2		
412	configure the work	sheets to us	se irregular contribu	tions and w	ithdrawals f	or investme	ent accounts	s and the ex	penses		
413	account. In S.3 you	configure t	he spreadsheet to us	se schedule	d contributi	ons and wit	hdrawals fo	r the invest	ment acco	unts.	
414	Most of the S.2 and	in S.3 req	uire a "yes" or "no"	answer wit	h one quest	ion using ha	aving a "kee	p" or "rem	ove" questi	on.	
415											
416	Then, enter data	in other w	orksheets								
			ration in the S. Setu l								
418	data in the data wo	rksheets 3.	WorkData through	10. Expense	esData have	selected (s	ee section 1	. .4 above fo	r a list of da	ata	
419	entry worksheets).	Again, only	enter data in the re	d cells on th	ne workshee	ets. Switch b	etween wo	rksheets eit	her by click	ing	
420	on the tabs at the b	ottom of th	nis Excel window or l	by clicking o	n the hyper	text worksh	neet name ii	n the Works	sheet Navig	ation	
421	table at the end of	each works	heet (see an exampl	e at the bot	tom of this	worksheet)	. Some wor	ksheets (like	e this one) v	will	
422	also have hyperlink	s to other w	vorksheets.								
423											
424	3. WorkData,	4. Pensionl	Data, 5. SocSecData	, 6. Annuity	Data, 7. IR/	Adata, 8. Ro	thData, 9. 9	SavingsData	, 1 <mark>0. Expe</mark> n	sesData	
425											
426	If a particular data	worksheet o	does not apply to on	e of the spo	ouses S1 or S	S2, or there	is no spous	e S2, then ji	ust enter \$0	for any	
427	income, contributio	on, withdray	wal, etc. amounts fo	r that works	sheet. That	lets the data	a be ignored	l in comput	ing the resu	ılts from	
428	the various data so	urces. Altho	ough by not using the	at workshee	et specified	in S. Setup s	section S.1 ,	it will also i	gnore that o	data.	
429											

	А	В	С	D	E	F	G	Н	1	J	K
430	Finally, view you	r results in	the "R. Results" w	orksheet							-
431	As you enter the data into the various worksheets, the spreadsheet will automatically recompute the other worksheets that use										
	it to incorporate those changes. In particular, they will be reflected in the R. Results worksheet. You can see how changes in any										
	worksheet affects the results by going back and forth between the R. Results worksheet and the data worksheet you are currently working on. In addition, the user entered data is accumulated in one Assumptions worksheet.										
		n. In additi	on, the user entered	data is acc	umulated ir	one Assun	nptions wor	ksheet.			
435											
			onfigurations after	-		-				_	
-	You can model the income stream in various ways using temporary changes in the S. Setup configuration you might make. For										
	example you could leave out various income sources such as stopping work, adding an annuity, adding a Roth IRA, etc. You could										
	9 also try using different years for claiming Social Security, working longer, taking withdrawals from the IRAs or savings at										
	0 different ages, or leave out or reduce certain expenses, etc. See the FAQ "Some examples of questions that can be investigated										
	using this spreadsh	eet" entry f	or some suggestions	•							
442											
443							• •				
	4. A detailed list of all worksheet tables and sections is in Appendix A										
445								6.1			
-	Appendix A is a detailed list of all worksheet tables and sections. As mentioned, it consists of those worksheets into										
	7 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										
	8 income and expenses are tallied, and finally the R. Results worksheet where results are summarized. It may be useful to look										
	through these lists to familiarize yourself with the type of data that will be needed and what types of results are presented -										
450	or just view the air	lerent work:	sneets.								
	11075 1/	_	• •		- I a						
452	NOTE: You	enter y	our data <u>onl</u>	y in the	e Red C	ells in	the Dat	ta Inpu	t Work	sheets.	
453		ONLY ente	er or edit data in <u>R</u>	ED cells.							
454		ORANGE C	ells are normally r	not change	d unless tl	he IRS chai	nges vario	us tax rate	s (do not e	edit).	
455		BLUE cells	are major results	or interme	diate resu	ilts (do not	edit).				
456		BLACK cells are intermediate computations (do not edit).									
457	GRAY areas of the other worksheets indicate where the analysis has not been implemented yet										
458		and should be ignored.									
459											
460	Note: You don't edit tables in any of the other worksheets beyond the following warning message if it is present:										

	А	В	С	D	Е	F	G	Н	I	J	K	
461												
462		> DC	NOT CHANGE	ANY VAL	UES in th	e followi	ng tables	in this w	orkshee	t. <		
463		 _										
464												
465	5. Notes on th											
466	See the FAQ for details on the what the current version of the spreadsheet does and does not handle include taxes. How static CPI											
467	and returns are handled. How tax-free muni bond income is handled. How RMDs are handled, etc.											
468	Appendix D lists more information about the current status including a list of things TODO and the ongoing REVISION-LIST history.											
469												
470												
471		Elementary glide-path calculator (SimpleCalc) Next SIPT worksheet (Asset								tions)		
472												
473	3 Worksheet Navigation.											
474	To go to a specific											
475	Introduction											
476	1											
477	1											
478												
479		S. Setup 1. AgeData										
480		2. TaxData										
481		3. WorkData										
482		4. Pension[<u>Data</u>									
483		5. SocSecDa	ata e									
484		6. Annuity	<u>Data</u>									
485		7. IRAdata										
486		8. RothData										
487	9. SavingsData											
488	10. ExpensesData											
489		11. CashDa										
490		12. RMDtal										
491		RS. Resource			erature, we							
492	Appendix A List of all worksheets tables & section											

	Α	В	С	D	E	F	G	Н	I	J	K
493	Appendix B Extra calculators										
494		Appendix C		Glossary of	f terms						
495	Appendix D List of outstanding issues and Revision list										
496		FAQ Frequently Asked Questions									