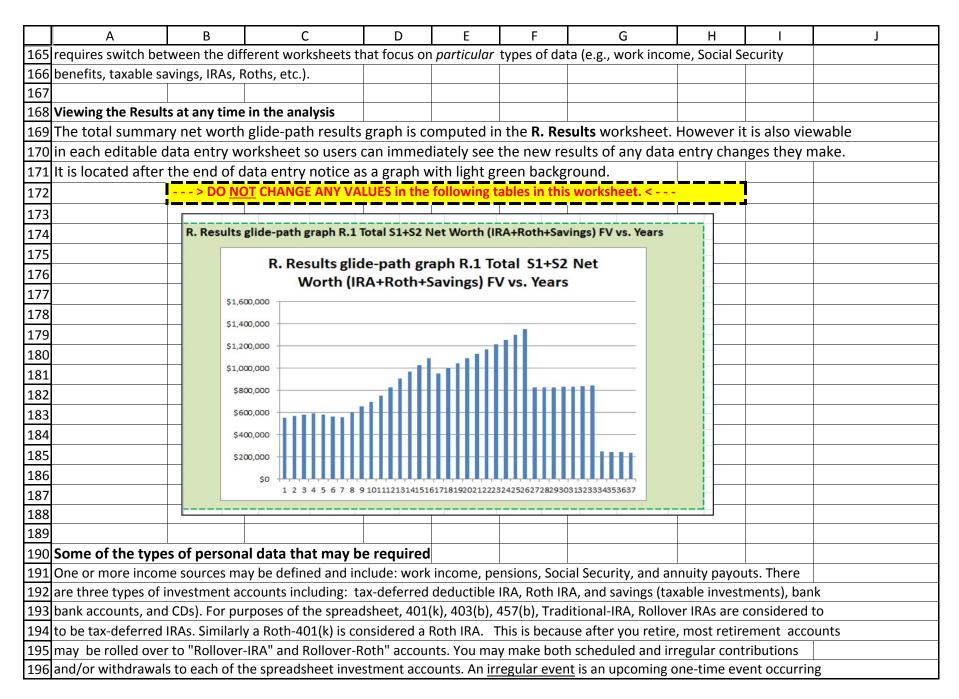
| | А | В | С | D | Е | F | G | Н | 1 | J |
|----|-----------------------|-----------------|------------------------|-------------|--------------|----------------|---------------------|---------------|---------------|---------------|
| 1 | Navigation: | | | | | | | | | |
| 2 | Elementary glide | -path calcul | ator (SimpleCalc) | | Results w | orksheet (I | R. Results) | Next IPT v | vorksheet | (Assumptions) |
| 3 | | | | | | | | | | |
| 4 | Income Pla | anning | Tool (IPT) | | | | | | | |
| 5 | Calculate a financ | ial Glide-Pa | th from yearly Cas | sh-flows, I | ncome Str | eams, Expe | enses, Investmen | t Accounts | s and Taxe | S |
| 6 | | | | | | | | | | |
| 7 | This Excel spreadsh | neet is design | ed for people who | want to pla | n for future | income. sa | ving, and spendin | g needs. It | calculates r | ough |
| | <u> </u> | | ng patterns over tim | | | | | | | |
| | | | clude applicable inv | | | | | | | |
| - | | | are shown in summ | | - | | | | | |
| 11 | calculations are do | ne only in th | is spreadsheet. No c | lata are ex | ported or sa | eved from the | ne spreadsheet (ei | ther locally | or to the | |
| 12 | Internet). Once the | data are ent | tered, the spreadsh | eet estimat | es yearly ca | sh-flows us | ing income from v | arious soui | rces: work, | |
| 13 | pensions, Social Se | curity, annui | ties, and life insurar | ce benefit | s; contribut | ions and wi | thdrawals from ta | x-deferred | 401(k), 403 | (b), |
| 14 | 457(b), IRAs, Roths | , and savings | investment accoun | ts. The spr | eadsheet es | stimates yea | arly investment re | turns, taxes | on investn | nent |
| 15 | returns, and expen | ses. It estima | ites yearly Federal t | ax rates an | d resulting | cash-flows | are estimated. The | e spreadshe | et allows | |
| 16 | for scheduled and | irregular (upo | coming additional) o | ontributio | ns and with | drawals for | investment accou | ints (IRA, Ro | oth, Savings |) |
| 17 | as well as for sched | duled and irre | egular expenses and | deduction | s. From this | data, the s | preadsheet then o | alculates y | early net w | orth. |
| 18 | Glide-path tables a | nd graphs ar | e created are useful | for investi | gating diffe | rent planni | ng scenarios by ma | aking chang | es to input | s. |
| 19 | | | | | | | | | | |
| 20 | The IPT software m | nay be run in | a variety of spreads | heet progr | ams includi | ng Window | s Excel, the free O | penOffice o | or LibreOffic | ce |
| 21 | "calc", Google "she | et". The spre | eadsheet doesn't us | e Microsof | t Visual Bas | ic as VBA is | not available in al | I spreadshe | et | |
| 22 | programs. Apple's | "numbers" s | preadsheet program | n has some | incompatib | ilities, so us | se either Excel for | Mac or one | of the free | |
| 23 | spreadsheet progra | ams. | | | | | | | | |
| 24 | | | | | | | | | | |
| _ | <u> </u> | | y nature are impre | | | | | | | |
| - | | | neet represents a co | | | | | | | |
| 27 | of a simpler model | . As statistici | an George Box note | d, "All mod | lels are wro | ng, but som | ne are useful." To | illustrate th | e concept o | of |
| | · | • | de glide-path calcula | | | | | | • | |
| _ | | - | may be useful for y | | | | | | | |
| | using the full IPT sp | readsheet, v | vhich uses a more c | omplete fir | nancial plan | ning model | . These spreadshe | ets are edu | cational to | ols. |
| 31 | | | | | | | | | | |
| 32 | Last revision: | 10/2/2016 | V.0.25.02 | Beta** | | | | | | |

| | А | В | С | D | Е | F | G | Н | I | J |
|----------|-------------------------|-----------------|------------------------|--|---------------|-----------------|----------------------|--------------|---------|---|
| 33 | See | Appendix D | | for the list | of outstand | ing issues (1 | things TODO), and | full REVISIO | ON-LIST | |
| 34 | | | | | | | | | | |
| 35 | Note: The spreadsh | neet will be re | evised each year afte | r new Tax T | Tables & Cap | p-Gains/Div | . rates & tax rules | are announ | ced. | |
| 36 | | | | | | | | | | |
| 37 | © P. Lemkin 2012-2 | 2016 | | | | | | | | |
| 38 | GNU General Public | c License, ver | sion 3.0 (GPLv3) at | | http://ope | nsource.org | g/licenses/gpl-3.0.h | <u>ntml</u> | | |
| 39 | See the full license de | escription sect | ions 15. Disclaimer of | Warranty an | d 16. Limitat | ion of Liabilit | ty for details. | | | |
| 40 | | | | | | | | | | |
| 41 | ** For more on Bet | ta-level softw | are see | https://en. | wikipedia.o | rg/wiki/Sof | tware_release_life | <u>cycle</u> | | |
| 42 | | | | | | | | | | |
| 43 | "Forever | Rota" | ·· | | | | | · <u>-</u> | | |
| 44 | | | | | | | | - i | | |
| 45 | | | wait - one more thi | _ | | | | <u> </u> | | |
| 46 | | | No, still not quite ri | The same of the sa | | | | ļ | | |
| 47 | <u>i</u> | Version 0.12. | 3.8 Well, still not qu | iite there y | et. 😕 Don | e! 🙂 | | <u> </u> | | |
| 48 | <u> </u> | Version 0 | 0.123.9 Added a nev | v feature co | ompeting s | oftware ha | s. 😕 Done! 🙂 | <u> </u> | | |
| 49 | <u> </u> | Versio | n 0.123.10 Oops, d | idn't imple | ment featur | re correctly | v. 😕 Done! 🙂 | i | | |
| 50 | <u>i</u> | | | | | | | i | | |
| 51 | _ | | . • | | | | | - | | |
| 52 | <u> </u> | | | | | | | <u> </u> | | |
| 53 54 | Cartoon by Ta | rTar, 10-15-2 | 2015 | | | | | <u>i</u> | | |
| 55 | | | | | | | | | | |
| | T-1-1 (C | | 1 - 1 1 1 | | | | | | | |
| 56 | | tents for | Introduction | | | | | | | |
| 57 | Introduction | | | | | | | | | |
| 58 | 1. Description of th | • | | | | | | | | |
| 59 | • | | juestions that may b | e investigat | ed using th | is spreadsh | eet | | | |
| 60 | 1.2 Types of pers | | • | | | | | | | |
| 61 | 1.3 How the spre | | | | | | | | | |
| 62 | 1.4 Brief list of th | | | | | | | | | |
| 63 | | • | eam cash-flow and r | | | | | | | |
| | | of the IPT sp | preadsheets you may | download: | : "Demo" or | "User" | | | | |
| 65 | 2.1 Disclaimer | | | | | | | | | |

| | А | В | С | D | E | F | G | Н | I | J | |
|----|--|-----------------|---------------------------------|--------------|--------------------|---------------------------------------|-------------------------|-----------|---|---|--|
| 66 | 3. Detailed directio | ns for using t | he spreadsheet | | | | | | | | |
| 67 | 4. A detailed list of | all workshee | t tables and sections | is in Appen | ndix A | | | | | | |
| 68 | 5. Notes on the cur | rent version | of the spreadsheet - | what it doe | es and does | not handle | | | | | |
| 69 | | | | | | | | | | | |
| 70 | Documentation in | n additional | worksheets | | | | | | | | |
| 71 | Click on the any of | the following | hyperlinks to go to | the worksh | eets | | | | | | |
| 72 | <u>Assumptions</u> | Summary list | t of all settings in Set | tup, and Ag | eData throu | ıgh Expense | eData worksheets | | | | |
| 73 | <u>Results</u> | Glide-path o | f income from Incom | ne & Withdr | rawal sourc | es less Expe | nses & Taxes | | | | |
| 74 | <u>Resources</u> | Lists of articl | es, literature, web si | tes related | to financial | planning | | | | | |
| 75 | Appendix A | List of all wo | rksheets, describing | their tables | and sectio | ns | | | | | |
| 76 | Appendix B | Extra calcula | tors (not tied in with | the rest of | the spread | sheet) | | | | | |
| 77 | Appendix C | Glossary - de | finitions of terms us | ed in the sp | readsheet | | | | | | |
| 78 | Appendix D | List of outsta | anding issues (Things | TODO and | CHECK), an | d REVISION- | -LIST History | | | | |
| 79 | FAQ | Answers to F | requently Asked Qu | estions | | | | | | | |
| 80 | | | | | | | | | | | |
| 81 | | | | | | | | | | | |
| 82 | Introduction | | | | | | | | | | |
| 83 | | | | | | | | | | | |
| - | The Concept | | | | | | | | | | |
| 85 | While saving for fut | ture expendit | ures such as retirem | ent, a new | house, or a | college edu | ıcation for your chi | ldren you | | | |
| | | | enough or spending | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| | ' | | te, using a static mo | | | | | • | | | |
| | • | <u>'</u> | I such as those using | | | | | | | | |
| _ | | | ok at your finances o | | | | | | | | |
| | <u> </u> | • | ? How rapidly are yo | | | | | | | | |
| | with changes in your expenses? What happens if you retire early or later than expected? It may 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 be changed | | | | | | | | | | |
| | · | | • | | | | | | | | |
| 93 | · | | e path. This Introduc | | neet gives a | n overview | and a FAQ worksh | eet | | | |
| 95 | provides answers to | o some Frequ | iently Asked Questic | 1115. | | | | | | | |
| | This Income Planni | ng Tool (IDT) | spreadsheet lets yo | u anter deta | ailed persor | l data to b | help answer these | | | | |
| | | <u> </u> | · · | | • | | ' | tirament | | | |
| 31 | uestions more accurately - both for near term pre- and post-retirement. There are many rudimentary retirement | | | | | | | | | | |

| | А | | | В | С | | D | E | F | G | Н | 1 | J |
|---------------|------------|----------|--------------------|-------------------------------|--|---------------------|---------------------------------------|-------------------------|----------|-------------------------------------|-----------------|-------|---|
| 98 | calculator | s avail | lable on-li | ne (see RS | . Resources | section RS | 5.8 for a | list). To illust | rate the | flavor of these | | | |
| 99 | types of g | lide-pa | ath calcula | ations, we | provide an a | dditional | very sim | ple one in th | e works | heet | SimpleCalc | | |
| | • • • | | | | • | | • | • | | d is not part of the | rest of the | | |
| | | | | | | | | | | example, the pers | | | |
| | | | | | | | • | | | es in retirement w | | | |
| | sustainabl | | | | | | , , , , , , , , , , , , , , , , , , , | | • | | | | |
| 104 | | | | | | | | | | | | | |
| 105 | 1. Ent | ter vou | ır data in th | e Red cells b | elow. | | - | Savio | age no | rtfolio value | | | |
| 106 | | | | | already retired): | 25 | \$900,00 | | igs po | Ttiono value | | | |
| 107 | Yo | ur expe | cted retireme | nt age: | | 67 | \$800,00 | | | 17 - 100 | | | |
| 108 | | | lue of saving | | | \$30,000 | \$700,00 | | | | | 2222 | |
| 109 | | - | oss annual in | ncome (GAI): savings porti | folio: | \$25,000 \$3,750 | \$600,00 | 00 | | | | | |
| 110 | | | | ial Security at | | \$6,000 | \$500,00 | 828 | | | | | |
| 111 | | | | | | | \$400,00 | | will. | | vings portfolio | | |
| 112 | 2. Ad | ditiona | l paramete | rs you can ac | ljust or use THE | defaults) | \$300,00 | | | val | ue | | |
| 113 | 7.5 | | | rate of return | | 4.50% | \$100,00 | 616 | | | | | |
| $\overline{}$ | | | | rate of return | on portfolio: ng Adjustment: | 2.50% | 100 | so www. | | | | | |
| 114 | | | | rement withd | | 3.00% | (\$100,00 | 32 Se (00 | 0 4 4 6 | 56 64 68 72 76 80 | 92 88 | | |
| 115 | Inc | crease i | n annual con | tributions to s | avings portfolio: | 2.00% | (\$200,00 | 00) | | | | | |
| 116 | Pe | rcent of | GAI needed | in retirement | when retire: | 80% | | _ | | | | | |
| 117 | | | | | | | | You run out of | | | 86 | | |
| 118 | | | | | | | | | | gs at retirement d while working | \$770,2 15. | i i | |
| 119 | | | | | | | | | | in fund in retirement | 19 | U 70 | |
| 120 | | | | | | | | | | om Soc. Sec. at retiren | | | |
| 121 | Valu | ies fo | r savings | and expe | nses over ti | me | | | | | | | |
| 122 | | | | | 0 | | | | | | | | |
| 123 | | | | | | Cola adjusted | | Percent | | | | | |
| 124 | | | Savings | 2 | | Social | Retired | expenses from | | | | | |
| 125 | Year | Age | portfolio value | Savings contribution | Gross Annual Income | Security if any | Annual Expenses | Soc. Sec. In retirement | | | | | |
| 126 | | 1 25 | ACCURAGE | \$3,750 | \$25,000 | \$0 | \$0 | | % | | | | |
| 127 | | 2 26 | \$35,269 | \$3,825 | Annual State of State | | \$0 | | % | | | | |
| 128 | | 2 27 | ¢40 853 | \$3,002 | \$25,010 | Śn | so. | 0.09 | % | | | il | |
| 129 | | | | | | | | | | | | | |
| $\overline{}$ | The comp | lete IF | PT spreads | sheet desc | ribed below | provides a | a much n | nore accurate | e and de | etailed analysis be | cause it take | ıs | |
| _ | | | • | | | • | | | | de-path calculator | | | |
| 101 | into accou | 1116 | arry other | inianciai l | ACTOLS OVEL II | inc. riay | WILLI LITE | Jimpiecaic | toy gill | ac patri calculator | 11136 11 (1113 | 10013 | |

| | А | В | С | D | Е | F | G | Н | 1 | J |
|-----|----------------------------|----------------|--------------------------------------|----------------|--------------------|---------------------|----------------------|---------------|-------------|--------|
| 132 | interesting, then yo | u might try ι | using this IPT spreads | sheet. It is d | lescribed in | more detai | l below. Of course | it can't pred | dict | |
| 133 | the future but it ma | y provide a b | oetter understanding | g of your fin | ancial situa | tion, which | may be useful in d | oing financi | al | |
| 134 | planning. | | | | | | | | | |
| 135 | | | | | | | | | | |
| 136 | | | | | | | | | | |
| 137 | 1. Descriptio | n of the I | PT Spreadshe | eet | | | | | | |
| 138 | | | | | | | | | | |
| 139 | This spreadsheet so | oftware comp | outes a rough estima | te of yearly | income and | d expense fl | lows as various inc | ome source | s and | |
| 140 | expenses come and | l go over tim | e. Results are calcula | ited at the e | end of each | year. It use | s a yearly "cash flo | w" calculati | on | |
| 141 | defined as the sum | of income ar | nd withdrawals, and | subtraction | of expense | s, contribut | tions and estimated | d taxes. An | У | |
| | | | cash account are sav | | | | <u>~</u> | | t year. | |
| | | | ortfalls, funds are ta | | | | | | | |
| | | | of a number of work | | | | | cel, the | | |
| _ | spreadsheet as a w | hole is called | a workbook which i | n turn is a c | ollection of | worksheets | S. | | | |
| 146 | | | | | | | | | | |
| | Navigating the sp | | | | | | | | | |
| | | | orksheets by clicking | | | | | | • | |
| | | | s (blue font with an i | | | | | | | |
| _ | next or previous wo | | | | sults or Pre | | links at the top or | ı | | sheet. |
| 151 | | (Prev works | | | <u>orksheet (I</u> | | | (Next wor | ksheet). | |
| | | | opear after the follow | | | | | | | |
| 153 | | > DO <u>NO</u> | OT CHANGE ANY VA | LUES in the | following t | ables in this | s worksheet. < | | | |
| 154 | Alternatively, at the | bottom of e | each worksheet there | e is a | | Worksheet | t Navigation | table at th | e end of ea | ch |
| 155 | worksheet. It conta | ains a hypert | ext list of all of seque | ential works | sheet name | s. | | | | |
| 156 | | | | | | | | | | |
| 157 | Setting up the spi | readsheet | | | | | | | | |
| 158 | Use the S. Setup we | orksheet to s | pecify which other w | vorksheets y | you will nee | d to fill out. | .The IPT works with | n one perso | n S1 or two |) |
| | | | S2 may be married | | | | | | | |
| 160 | The R. Results work | sheet summ | arizes data compute | ed on the ot | her data wo | orksheets bo | oth as tables and a | s graphs of | the data in | the |
| 161 | tables. The results a | are updated v | when data is change | d in any of t | the other da | ata entry wo | orksheets. | | | |
| 162 | | | | | | | | | | |
| | | | ertise and familiarity | | | | | | | |
| 164 | Appendix C worksh | eet (glossary | \prime of 'financial terms ι | ised in the I | PT spreadsh | neet) <u>before</u> | e entering your dat | a. The sprea | adsheet | |



| | Α | В | С | D | E | F | G | Н | I | J |
|-----|---|-----------------|--------------------------|---------------|---------------|----------------|---------------------------|---------------|---------------|---------|
| 197 | in a particular year | (specified by | age). You may speci | ify expenses | and tax-de | ductions as | both scheduled ar | nd irregular | events. Yo | u |
| 198 | might think about y | our list of fu | ture irregular expens | ses as a pla | nning tool f | or your futu | ure expenses in you | ır "Bucket L | ist" - such a | S |
| 199 | college expenses, r | etirement, tr | ips, gifts, etc. (See th | ne discussio | n of the 200 | 7 comedy f | ilm <u>The Bucket Lis</u> | t for a nice | definition.) | |
| 200 | http://en.wikipedia | a.org/wiki/Bu | cket_list | . The sprea | adsheet calc | ulates your | remaining assets | yearly so yo | u may use t | his for |
| 201 | helping plan for fur | nding future o | expenses. | | | | | | | |
| 202 | | | | | | | | | | |
| 203 | Income sources are | e: work incom | ne, pensions, Social S | Security, and | d annuity be | enefits. Inve | stment accounts in | nclude tax-o | deferred | |
| 204 | IRAs, Roth IRAs, as | well as saving | gs investment accou | nts. Contrib | utions, and | withdrawa | ls may be specified | from inves | tment | |
| 205 | accounts. Taxes are | e then estima | ted on the total taxa | able income | . All data w | orksheets re | equire you to speci | fy the age v | when the | |
| 206 | incomes, contribut | ions and with | ndrawals or expenses | s start as we | ell as when t | they end (if | applicable). | | | |
| 207 | | | | | | | | | | |
| 208 | If the cash-flow is e | ver negative | for a particular year | the spread | sheet takes | the shortfa | all from the taxable | savings ac | count | |
| 209 | 8 If the cash-flow is ever negative for a particular year, the spreadsheet takes the shortfall from the taxable savings account 9 (9. Savings Data) for the next year. If the savings ever runb out, this is a problem. It will warn you with an error warning in the | | | | | | | | | |
| 210 | 0 R. Results section R.8. One could possibly increase some of the income sources (more work, IRA or ROTH withdrawals) | | | | | | | | | |
| 211 | and/or lower exper | nses to make | the cash-flow positi | ve if it were | severely ne | egative. | | | | |
| 212 | | | | | | | | | | |
| 213 | | | | | | | | | | |
| 214 | 1.1 Examples of | of some of | the questions t | hat may | be invest | igated us | sing this spread | dsheet | | |
| 215 | Here are some ex | amples of q | uestions that migh | it be answe | ered using | the IPT. Th | e details on the o | questions a | are | |
| 216 | described in the a | ppendix FA | Q number 13. | | | | | | | |
| 217 | Q.1 Will I run out | of money du | ring retirement? | | | | | | | |
| 218 | Q.2 Will the mone | ey being save | d for college expens | es (or a nev | v home or c | ars, etc.) be | adequate? | | | |
| 219 | Q.3 When should | I take withdi | rawals on my tax-def | ferred IRAs? |) | | | | | |
| 220 | Q.4 When should | I retire, clain | n Social Security, and | d how will th | his affect m | y savings? | | | | |
| 221 | Q.5 How will irreg | gular expense | es affect my future ir | ncome strea | m through | retirement | ? | | | |
| 222 | Q.6 How much m | ore income c | ould I earn long tern | n if I have a | more aggre | ssive stock | portfolio (more sto | ocks)? | | |
| 223 | Q.7 What is the e | ffect of differ | rent levels of inflatio | n on my sav | ings over ti | me? | | | | |
| 224 | Q.8 What would t | the effect be | of adding annuities | during retire | ement? Wh | at if I starte | d them at differen | times? | | |
| 225 | | | | | | | | | | |
| 226 | | | | | | | | | | |
| 227 | 1.2 Types of pe | ersonal da | ta required | | | | | | | |
| 228 | Specify the starting | and ending a | ages for each income | e stream (w | ork, pensio | n, Social Sec | curity, and/or annu | ities), and o | do | |
| | | | use S1 and S2. Speci | | | | | | | |

| | А | В | С | D | Е | F | G | Н | ı | J |
|-----|--------------------------|-----------------|------------------------|---------------|---------------|---------------|-----------------------|---------------|------------|---|
| 230 | (fixed income) in yo | ur investmer | nt portfolio. Historic | ally, approx | imately 90% | 6 of your po | rtfolio return is de | termined by | y your | |
| 231 | asset allocation (ro | ughly the sto | ck:bond ratio). In ac | dition, spe | cify (the san | ne or differe | ent) Cost Of Living | Adjustment | :S | |
| 232 | or COLAs for each o | f these incor | ne streams that incr | ease the inc | come and ex | penses by | that percentage ea | ch year. Als | 50 | |
| 233 | specify the expecte | d Consumer | Price Index (CPI) tha | t may be us | ed as a defa | ault for the | various COLAs you | need to en | ter. | |
| 234 | | | | | | | | | | |
| 235 | Types of Savings | | | | | | | | | |
| 236 | Similarly, specify th | e age ranges | for scheduled inves | tment (IRA, | Roth, taxab | le savings) | contributions and | withdrawals | s for S1 | |
| 237 | and S2. The IRA and | l Roth accour | nts are optional, but | the savings | account is | required sin | ice it is used to rec | oncile the c | ash-flow | |
| 238 | and where insurance | e payouts (if | any) are deposited. | You may or | otionally spe | ecifyeither o | or both scheduled | contribution | ns as a | |
| 239 | fixed amount and w | vithdrawals a | s a percentage each | year that ir | ncrease by a | COLA if de | sired. You may also | specify op | tional | |
| | irregular contribution | | | | | | | | | |
| 241 | for both S1 and S2. | For example, | one could withdray | v money to | buy a new o | car, pay for | kids college, take | a big trip an | id buy a | |
| 242 | new house at the sa | ame year. Yo | u specify the age (e. | g., 59) rathe | er than the y | /ear (e.g., 2 | 019) for the events | s. It comput | tes the | |
| 243 | sum of the schedule | ed and irregu | lar contributions an | d withdraw | als respectiv | vely each ye | ear. These are track | ed separate | ely for | |
| 244 | S1 and S2. | | | | | | | | | |
| 245 | | | | | | | | | | |
| 246 | Types of Expense | S | | | | | | | | |
| 247 | Expenses are specif | ied similar to | contributions and v | vithdrawals | for investm | ent accoun | ts, but as schedule | d and irreg | ular | |
| _ | <i>expense</i> events. W | | | | | | • | | | |
| 249 | from the cash-flow. | Specify sche | duled and optional | irregular de | eductions th | at are used | for part of the tax | calculation | S. | |
| | Otherwise, the star | | | | | | | | | |
| | taxes that are comp | | | | | | | | | |
| | not as an AGI-depe | | | | y also have | various dec | duction levels associ | ciated with | different | |
| _ | types of pensions, | etc. which ar | e not taken into acc | ount. | | | | | | |
| 254 | | | | | | | | | | |
| | It may be used by | | | | | | | | | |
| | If there is no individ | | | | | | | | | |
| 257 | S1 and S2 may be n | narried or un | married. Married S1 | and S2 indi | viduals may | use tax filii | ng status of Marrie | d Filing Joir | ntly (MFJ) | |
| | or Married Filing Se | • | | • | ise Head of | Household | (HH). However the | unmarried | S1 and S2 | |
| | should only use the | Tax filing sta | tus Single Filing (SF) | | | | | | | |
| 260 | | | | | | | | | | |
| | Limitations on the | | | | | • | | | | |
| 262 | The computations ι | ıse fixed estii | mates you specify fo | r various pa | arameters ir | cluding the | CPI, COLAs, stock | and income | returns | |

| | Α | В | С | D | E | F | G | Н | I | J |
|-----|---|----------------|-----------------------|---------------|---------------|--------------|----------------------------|-------------------|-----------------|----------|
| 263 | whereas in reality t | hese all chan | ge year to year, intr | oducing ma | jor changes | in the actua | al results. It does r | not address | the probler | n |
| 264 | of sequence of inve | stment retur | ns that may radically | y affect long | g-term retui | rns. The rea | ality is that all futur | e rates of r | eturns, CPIs | , |
| 265 | COLAs, tax rates, ta | x rules and so | chedules, deduction | schedules, | etc., are un | known. Hov | wever, we know th | ey will vary | and both | |
| 266 | of these factors ma | y greatly affe | ct future results. Be | tter method | ds such as N | 1onte-Carlo | or randomized sed | quences of a | actual past | |
| | returns may improv | | | | | | | · · | | |
| | Black Swan events (| | | k 9/11 and | the 2007-20 | 009 Great R | ecession. These res | sults are rea | illy ball-parl | (|
| _ | estimates, but still | may be usefu | ıl for planning. | | | | | | | |
| 270 | | | | | | | | | | |
| 271 | | | | | | | | | | |
| 272 | 1.3 How the sp | readsheet | works | | | | | | | |
| 273 | Each worksheet has | INSTRUCT | IONS that explain w | hat is need | ed to be fill | ed out in th | at worksheet. As d | ata is enter | ed, | |
| | remember to save t | | | | | | | | | |
| | will not be saved ur | • | • | • | | | • | | | |
| | saving the spreadsh | | | | | | on 3. Detailed dire | ections for u | ising the | |
| | spreadsheet below | for a more d | etailed description f | or using the | e spreadshe | et. | | | | |
| 278 | | | | | | | | | | |
| | First, enter your p | | | - | | | | | | |
| | First specify which o | | | | | | | | | S |
| | that apply to your p | | | | | | | | - | |
| _ | Specify whether to | | | | | | • | | on S.2 . | |
| _ | Finally, specify whe | tner to add s | cneduled contribution | ons and wit | ndrawais to | r the invest | ment accounts in t | abie 5.3 . | | |
| 284 | | Nac/aNacad T | ov doto | | | | | | | |
| | Then enter your A After editing the S. | | | it tha 1 Age | Data work | choot and | ontor basis tay filin | a data in th | o 2 TayDat | ·a |
| | worksheet. | Setup Worksi | ieet, you should ed | it the 1. Ago | eData WOIK | Sileet, allu | enter basic tax iiiii | ig uata iii ti | IC Z. I dXDai | .a |
| 288 | | | | | | | | | | |
| - | Then enter your o | lata into the | relevant "3 Wor | kData" thi | rough "10 | Fynensesi | | <u> </u> | | |
| | Visit each of the oth | | | | | • | | | have | |
| | zero values for the | | • | | | | | | | <u> </u> |
| | multiple jobs. (See | | | | | | 2 2 2 3 3 3 3 7 3 | | - 3 p.10 | |
| 293 | | <u> </u> | • • | -, | | | | | | |
| 294 | Finally, view the f | final results | in the "R. Results' | ' workshee | et after all | your data | is entered | | | |
| | After all data is ente | | | | | | | lts workshe | et presents | |

| | А | В | С | D | E | F | G | Н | 1 | | J |
|-----|----------------------------|----------------|--------------------------------|--------------|--------------|--------------------|-----------------------|----------------------|-------------|-----------|---|
| 296 | intermediate result | s computed i | in the rest of the wo | rksheets in | a more read | lable forma | t presenting a glol | oal picture o | of the | | |
| 297 | glide-paths for the | different acco | ounts and computed | results on | a year-by-y | ear basis. | | | | | |
| 298 | | | | | | | | | | | |
| 299 | | | | | | | | | | | |
| 300 | 1.4 Brief list of | the works | sheets | | | | | | | | |
| 301 | The worksheets a | nd their Exc | el tabs are color co | ded by fur | nction. We | list the ma | ain purpose of th | e following | g workshe | ets. | |
| 302 | See each workshe | et for more | details. | | | | | | | | |
| 303 | | | | | | | | | | | |
| 304 | Introduction wor | ksheet is wh | ite. | | overview o | locumentati | ion of the IPT | | | | |
| 305 | | | | | | | | | | | |
| 306 | SimpleCalc works | sheet: | <u>SimpleCalc</u> | | elementar | y glide-path | calculator | | | | |
| 307 | | | | | | | | | | | |
| 308 | View a summary of | data entered | d at any point for S. S | Setup, and 1 | 1. AgeData | through 10. | ExpenseData wo | rksheets. | | | |
| 309 | Assumptions wo | | <u>Assumptions</u> | | • | - | tings by user in th | e other wor | ksheets | | |
| _ | The Assumptions v | vorksheet is | not edited since it su | ımmarizes | data enter f | rom other v | worksheets. | | | | |
| 311 | | | | | | | | | | | |
| 312 | Results workshe | | R. Results | | | | eet glide-path resu | ılts after ei | ntering you | ır data | |
| | The R. Results work | sheet is not | edited since it summ | narizes com | puted resul | ts from the | other worksheets. | | | | |
| 314 | _ | | | | _ | | | | | | |
| 315 | Configuration wo | orksheets: | S. Setup | | | | re spreadsheet (in | | | <u>-</u> | |
| 316 | | | 1. AgeData | | | | t returns, insurand | e used thro | ughout sp | readsheet | |
| 317 | | | 2. TaxData | | enter Fede | ral tax data | and filing status | | | | |
| 318 | | | | | | | | | | | |
| | | | one or more sources | of yearly ir | | | | • • • • • • | | | |
| 320 | Income workshe | ets: | 3. WorkData | | | | work income dat | | | | |
| 321 | | | 4. Pension Data | | | | e pension income o | | :6 | | |
| 322 | | | 5. SocSecData | | | | Social Security in | | ıf any | | |
| 323 | | | 6. AnnuityData | | enter curre | ent or Juture | e annuity income | aata, ij any | | | |
| 324 | The investment | ounts may b | o a course of income | by taking : | uith drawala | Contributi | ons to these sees: | Into are ar | ovnonce | | |
| 325 | | | e a source of income | by taking v | | | | | | 1 | |
| _ | Investment wor | ksneets: | 7. IRAdata | | | | accounts data, if | | | / | |
| 327 | | | 8. RothData | | | | its data, if any (cui | | | | |
| 328 | | | 9. SavingsData | | enter taxa | pie savings | accounts data, if a | ıny (current | or future) | | |

| | А | В | С | D | Е | F | G | Н | ı | J |
|-----|--------------------------|----------------------|----------------------|----------------|--------------|-----------------------|----------------------|--------------|----------|---|
| 329 | | | | | | | | | | |
| 330 | The worksheet who | ere you enter | your yearly expense | es. | | | | | | |
| 331 | Expense worksh | neet: | 10. ExpensesData | | enter expe | nses data (| current or future) | | | |
| 332 | | | | | · | | | | | |
| 333 | The worksheet who | ere the yearly | cash-flow is compu | ted (Incom | e + Withdra | wals - Cont | ributions - Expense | es - Taxes). | | |
| 334 | The CashData work | sheet is not | edited. | | | | | | | |
| 335 | Cash-flow work | sheet: | 11. CashData | | summarize | es the cash j | flow from the other | r worksheet | S | |
| 336 | | | | | | | | | | |
| 337 | The RMD tables are | e used with d | eductable-IRAs and | 401(k)-Roth | withdrawa | Is is in the F | RMDtable workshe | et. | | |
| 338 | The RMDtable wor | ksheet is not | edited unless the IR | S updates it | ts RMD data | ١. | | | | |
| 339 | RMD tables wor | rksheet: | 12. RMDtable | | contains ti | he IRS Requ | ired Minimum Disti | ribution dat | а | |
| 340 | | | | | | | | | | |
| 341 | The remainder of t | he workshee | t contain additional | documenta | tion. | | | | | |
| 342 | Resources work | sheet: | RS. Resources | | outside re: | sources incl | uding books, article | es and web | sites | |
| 343 | | | | | | | | | | |
| 344 | Appendix A wor | | Appendix A | _ | | | tables and sections | | | |
| 345 | Appendix B worl | | Appendix B | _ | | special cald | | | | |
| 346 | Appendix C worl | | Appendix C | | | f terms used | | | | |
| 347 | Appendix D wor | | Appendix D | _ | | | ision-List history | | | |
| 348 | FAQ worksheet: | | FAQ | | Frequently | Asked Que | estions | | | |
| 349 | | | | | | | | | | |
| | | | worksheets account | | | | | | | |
| | | s, rates of ret | urn (ROR), COLAs, e | tc.). There is | s a detailed | list of all the | ese worksheets tab | les and sec | tions in | |
| | Appendix A. | | | | | | | | | |
| 353 | | | | | | | | | | |
| | | - | eet are protected ex | - | | | • | | | |
| | | | d cells might corrup | | • | | • | or red cells | where | |
| | | | may be unprotected | | | | | | | |
| | on <u>Unprotect work</u> | <u>sheet</u> . For m | ore details on prote | cting/unpro | tecting wor | ksheets, see | e RS. Resources RS | .9 Excel res | ources. | |
| 358 | | | | | | | | | | |
| 359 | | | | <u> </u> | <u> </u> | | | | | |
| | _ | | ne stream cash- | | | | | | | |
| 361 | Both scheduled and | d irregular wi | thdrawals taken fro | m the tax-do | eferred IRA, | Roth IRA, a | and savings accoun | ts are adde | d to the | |

| | Δ. | D | | D | F | F | | I 11 | 1 , 1 | | |
|-----|-------------------------|---------------|---------------------------|---------------|---------------|---------------|-----------------------------|------------------|-----------------|----------|--|
| 262 | A sach flow in the 11 | B Coch Data w | C orksheet. Both sched | _ | | | G Evenences Data was | H Ishaat) and | | J | |
| | | | et) are taken from the | | | • | • | | | | |
| | computations. For | | et) are taken from ti | ie casii acci | bunt. The ic | nowing equ | lations give a top-i | evei expiaii | ומנוטוו טו נוופ | <u>'</u> | |
| 365 | computations. For | each year y, | | | | | | | | | |
| 366 | Cash(y) = Inco | ma(v) + Witl | hdrawals(y) - Savings | cContributi | ions(y) - Eyr | onsos(v) - ' | Tayos(y) + Insuran | co Pavoutív | <i>(</i>) | | |
| 367 | | | Withdrawals(y) + IRA | | | | | ce rayoutly | | | |
| 368 | vviciiaiavvais | y) – Savingsv | Vicinal awais(y) · Inc | AWICHAI AWC | 113(9) 1 101 | Tivitiiaiav | ais(y) | | | | |
| | Then, the cash bala | nce is added | (subtracted if negati | ive) to the s | avings acco | unt for the | next year | | | | |
| _ | taking contribution | | | | armge dece | | | | | | |
| 371 | <u> </u> | | | | | | | | | | |
| 372 | Savings(y+1) | = [Savings(y) | + SavingsContribution | on(y) - Savi | ngsWithdra | awal(y)] * (| 1+SAVINGSreturn | + Cash(y) | | | |
| 373 | | | ntribution(y) - IRAwi | | | | | | | | |
| 374 | ROTH(y+1) = [| ROTH(y) + RO | OTHcontribution(y) - | ROTHwith | drawal(y)] | * (1+ROTH | return) | | | | |
| 375 | | | | | | | | | | | |
| 376 | If large future irreg | ular expenses | s planned, to minimiz | ze taxes you | u may want | to withdrav | w some of the mor | ney over sev | /eral | | |
| 377 | years from the tax- | deferred IRA | and/or taxable savin | ngs with hig | h unrealized | d capital gai | ins. Doing this over | several ye | ars | | |
| 378 | prior to the expens | e may possib | ly avoid going into a | much highe | er marginal | tax bracket | . Then when these | additional | | | |
| | | | ash-flow and thenput | | | | • | | | | |
| | | | ive amount. There is | | | | | | | | |
| _ | | | em for a year in which | | | | | | _ | | |
| _ | | | ither S1 or S2 is nega | | | | e amount from the | positive or | ne so | | |
| | the one with extra | cash may hel | p out the other who | has a negat | tive balance |). | | | | | |
| 384 | | | | | _ | | | | | | |
| | | | sh is handled at th | | | | | | | | |
| | • | | ment withdrawals ar | | | | | | - | | |
| _ | • | | ed" or subtracted from | | | | | - | - | | |
| | | | oved) from the taxab | | | | | | | | |
| _ | | | nd unscheduled ever | | | | | | | | |
| | | | cific schedule (e.g., 19 | %/year) or (| on an irregu | ilar basis su | ch as a particular v | vithdrawal f | for a | | |
| | new car as a specifi | c dollar amol | ınt (e.g., \$22,000). | | | | | | | | |
| 392 | Handifa ! | | ua handled | | | | | | | | |
| | How life insurance | | | | | A D - 1 - | | | | | |
| 394 | it there is a life insu | irance payou | t for S1 and/or S2 for | r policies de | escribed in 1 | i. AgeData : | section 1.4 , the pa | yout is adde | ea to the inc | ome | |

| | А | В | С | D | Е | F | G | Н | 1 | J |
|-----|-----------------------------------|---------------------|-----------------------------|--------------------|--------------------|-----------------------------|------------------------------|---------------------|---------------------|---|
| 395 | in 9. SavingsData t | able 9.4.2.1 | tax-free to the savin | gs according | to the pay | ee (S1, S2 c | or Other). | | | |
| 396 | | | | | | | | | | |
| 397 | | | | | | | | | | |
| 398 | 2. The two vers | sions of th | e IPT spreadshe | eets you r | nay dow | nload: "[| Demo" or "Use | er" | | |
| 399 | The spreadsheet is | distributed in | n two different versi | ons depend | ing on whe | ther it has d | demonstration (de | mo) data or | not. | |
| 400 | The demonstration | (Demo) vers | ion has all data-ent | ry workshee | ets data set | up for dem | onstration purpos | es to give | | |
| 401 | typical examples of | reasonable | alues. However, to | make it eas | ier to enter | your data, | a User version is p | provided wit | th all | |
| 402 | data entry fields se | t to blank (or | \$0 or 0%) as approp | oriate. | | | | | | |
| 403 | | | | | | | | | | |
| 404 | The spreadsheet | files are dist | ributed with the n | ame, versio | on numbei | r, and revis | ion data as part | of the file | | |
| 405 | The file names for | r both version | ons of the " <u>Income</u> | Planning T | <u>ool</u> " are p | refixed wit | th "IPT-". | | | |
| 406 | For example, the | version nun | nber is indicated as | 5: | V.0.19.2 | | | | | |
| 407 | This is followed by | y the releas | e date indicated by | / : | 11-8-2015 | a | | | | |
| 408 | | - | | | | | | | | |
| 409 | | a) full dem | no data | IPT-Demo- | V.0.19.2-11 | -8-2015a.x | lsx | | | |
| 410 | | b) no dem | o data | IPT-User-V | .0.19.2-11- | 8-2015a.xls | x | | | |
| 411 | | | | | | | | | | |
| 412 | a) The Demo version | n is the spre | adsheet with full de | monstration | data. It is u | useful for vi | ewing examples o | f date you n | night enter | |
| 413 | in all worksheets. | In most peo | ole's situations, you | might only ι | use a few o | f these type | es of income sourc | es for your | data. | |
| 414 | b) The User version | of the sprea | dsheet has no demo | nstration da | ata and is re | eady for you | u to enter your ow | n data. All d | data | |
| 415 | entries are set to | either \$0 or 0 | 0.0% in all data-entr | y worksheet | s. All works | sheets are u | inselected in work | sheet S. Set | :up. | |
| 416 | | | | | | | | | | |
| 417 | To enter data eitl | her override | the demonstration | on (<u>Demo</u>) | data versi | on or use t | the empty <u>User</u> v | version | | |
| 418 | Direct the spreadsh | neet to not us | se any particular dat | a worksheet | t by selectir | ng " <mark>ignored</mark> ' | " in the S. Setup v | vorksheet se | ection S.1 . | |
| 419 | It is used to declare | the data wo | rksheets that you do | want by sp | ecifying th | em as " <mark>use</mark> | d". (Alternatively, | the spreads | heet will | |
| 420 | ignore data from w | vorksheets by | setting the income | , contributio | n or withd | rawal amou | ınts etc. data to \$0 | to remove | them from | |
| 421 | the calculations). T | he investmer | nt returns for the inv | estment acc | count (IRA, | Roth, and s | avings accounts) f | rom the | | |
| | · | | current year for each | | | | | + or -). | | |
| | | | ables the use of Irre | | | | | | | |
| - | | | et S.3 enables/disab | les the use | of schedule | d contribut | ions and withdrav | vals by | | |
| - | selecting "yes" or " | no". | | | | | | | | |
| 426 | | | | | | | | | | |
| 427 | 2.1 Disclaimer | | | | | | | | | |

| | А | В | С | D | E | F | G | Н | I | J |
|-----|---|--------------------|--|----------------------|---------------|---------------|---------------------------|----------------------|----------------------------|------------|
| 428 | This software mod | els an incom | e stream from seve | ral differen | t income so | urces, inve | stment withdrawa | ls, | | |
| 429 | expenses, taxes an | d cash-flows | over time. No clain | n is made to | the accura | cy, suitabil | ity, and correctne | ss of the | | |
| | | | further out one goes | | | - | | | | |
| | | | static rates of retu | | | - | | | ues | |
| | | | nly Excel formulas ar | | | | | | | |
| | | | cause it uses generi | | | | · · | • | | |
| | • | | Windows Excel, free | • | | | - · | - | this | |
| | | | and risk as an initia | - | | | _ | | | |
| | | | ty is offered for this | | | | | | | |
| 437 | the software. | | | | · | | | | | |
| 438 | | | | | | | | | | |
| 439 | | | | | | | | | | |
| 440 | 3. Detailed dire | ections for | using the sprea | dsheet | | | | | | |
| 441 | This section elabo | rates on the | e discussion in the | above. " 1. : | 3 How the | spreadshe | et works" sectio | n. The spre | adsheet | |
| 442 | as distributed with | the <u>Demo</u> ve | ersion has demonstra | ation data e | ntered in re | ed cells thro | ugh the workshee | t. Enter data | a by overwi | riting |
| 443 | the demonstration | data, or use t | the <u>User</u> version to e | enter your d | ata instead | (see section | n 2. above). You m | ight <i>SaveAs</i> | your | |
| 444 | spreadsheet with a | new file nam | ne as you make chan | ges. The de | monstratio | n data prov | rides examples of a | nswers to g | ive an idea | |
| 445 | of typical values. N | ote that nega | ative numbers are sh | nown as red | (\$1,234) ra | ther than - | 1,234, and should | not be edit | ed. | |
| 446 | | | | | | | | | | |
| 447 | The first workshe | ets you sho | uld use to enter yo | our data | | | | | | |
| 448 | First configure the s | preadsheet t | to your personal situ | ation in wo | rksheet | | S. Setup | sections S. | 1 to S.3. By | gnoring |
| 449 | any worksheets you | specified in | S. Setup section S.1, | , the spread | lsheet will i | gnore that o | lata. First, enter d | ata in the | | 1. AgeData |
| 450 | and the | 2. TaxData | worksheets since th | nese are use | ed by the all | the other o | data worksheets. Ir | n table S. Se | tup S.1 ded | lares |
| | | | are applicable to you | · | | | | | | |
| | | | or not use irregular | | | | | | | |
| | accounts. In S.3 you configure the spreadsheet to use scheduled contributions and withdrawals for the investment accounts. | | | | | | | | | |
| | Most of the S.2 and | S.3 queries | require a " <mark>yes</mark> " or " <mark>n</mark> | o" answer | with one qu | estion using | g having a "keep" (| or "remove " | query. | |
| 455 | | | | | | | | | | |
| | Then, enter data | | | | | | | | | |
| _ | | | ition in the S. Setup, | | | | | • | | |
| - | | | VorkData through 10 | • | | | | • | et (see | |
| _ | section 1.4 above for | or a list of da | ta entry worksheets) |). Again, onl | y enter data | a in the red | cells on the works | heets. | | |
| 460 | | | | | | | | | | |
| 461 | 3. WorkData, | 4. PensionDa | ata, 5. SocSecData, 6 | 5. AnnuityD | ata, 7. IRAc | lata, 8. Rot | hData, 9. SavingsD | ata, 10. Exp | oenses Data | 1 |

| | А | В | С | D | Е | F | G | Н | I | J |
|----------|-----------------------|--|---------------------------|---------------------|---------------|----------------|--------------------------------|---------------|----------------------|-----------------|
| 462 | | | | | | | | | | |
| 463 | If a particular data | worksheet do | es not apply to one | of the spou | ises S1 or S2 | 2, or there is | no spouse S2, the | en just ente | r \$0 for any | |
| 464 | income, contribution | ncome, contribution, withdrawal, etc., amounts for that worksheet. That lets the data be ignored in computing the results from | | | | | | | | n |
| 465 | the various data so | urces. | | | | | | | | |
| 466 | | | | | | | | | | |
| 467 | Finally, view you | r results in t | he "R. Results" wo | orksheet | | | | | | |
| _ | ' | | arious worksheets, t | | | | recompute values | in the othe | 1 | |
| | • | | changes. In particula | | | | | R. Results | | t. You can see |
| | | | affects the results by | | | | R. Results worksh | 1 | | sheet |
| | you are currently w | orking on. Ir | addition, the user | entered dat | a is summaı | rized in the | | Assumptio | ns | worksheet. |
| 472 | | | | | | | | | | |
| | | | nfigurations after | • | | • | | | | |
| | · | | am in various ways ι | | | | | | | |
| | | | es such as stopping v | | | | | | | a |
| \vdash | | | y at different ages, v | | • | | | savings at di | | |
| | | | ular expenses, reduc | | | | | | FAQ | "13. What types |
| | of questions might | be investigat | ed using this spread | <i>sheet?</i> " ent | ry for some | suggestion | S. | | | |
| 479 | | | | | | | | | | |
| _ | Where you may e | | | | 1 | | | | | |
| | The color of cells in | | indicates whether it | | data entry d | or displaying | g results. | | | |
| 482 | | ONLY enter | or edit data in <u>RE</u> | <u>D</u> cells. | | | | | | |
| 483 | | ORANGE ce | ells are normally no | ot edited ι | ınless the I | RS change | <mark>s various tax rat</mark> | es (do not | edit). | |
| 484 | | BLUE cells a | are major results o | r intermed | diate resul | ts (do not o | edit). | | | |
| 485 | | BLACK cells | are intermediate | computat | ions (do no | ot edit). | | | | |
| 486 | | GRAY areas | of the other worl | ksheets inc | dicate whe | re the ana | lysis has not bee | n impleme | ented yet | |
| 487 | | and should | be ignored. | | | | | | | |
| 488 | | | | | | | | | | |
| 489 | All data entry is a | t the top of | each of the data e | ntry works | heets. The | following i | message indicate | s that ther | e is | |
| 490 | no editable data l | pelow the m | essage. | | | | | | | |
| 491 | | | | | | | | | | |
| 492 | | > DO <u>N</u> | OT CHANGE ANY | VALUES in | the follow | ing tables | in this workshee | t. < | | |

| | А | В | С | D | Е | F | G | Н | ı | J |
|-----|--|-----------------|-------------------------------|--------------------|--------------|--------------------|-----------------------|---------------|------------------|---------------|
| 493 | | | | | | | | | | |
| 494 | | | | | | | | | | |
| 495 | 4. A detailed list of all worksheet tables and sections is in Appendix A | | | | | | | | | |
| 496 | | | | | | | | | | |
| 497 | Appendix A | is a detailed | list of all worksheet | tables and s | sections. As | mentioned | , it lists those work | sheets whe | ere | |
| 498 | data is entered, tho | se workshee | ts that may have to | be edited w | hen the IRS | rules or da | ta changes, a cash | -flow table | where | |
| 499 | income and expens | ses are tallied | , and finally the R. R | esults work | sheet wher | e results are | e summarized. It m | nay be usefu | ul to look | |
| 500 | through these lists | to familiarize | yourself with the ty | pe of data | that will be | needed and | d what types of res | ults are pre | esented - | |
| 501 | or just view the dif | ferent worksh | neets. It also lists ext | ernal resou | rces and va | rious appen | dices subsections. | | | |
| 502 | | | | | | | | | | |
| 503 | | | | | | | | | | |
| 504 | 5. Notes on th | e current | version of the s | preadshe | et - wha | t it does a | and does not h | andle | | |
| 505 | See the | FAQ | for details on the w | hat the curr | rent version | of the spre | adsheet does and | does not ha | andle includ | e taxes. |
| 506 | How static CPI and | returns are h | andled. How tax-fre | e muni bon | d income is | handled. H | ow RMDs are hand | lled, etc. | | Appendix D |
| - | lists more informa | tion about th | e current status incl | uding a list of | of things TC | DO and the | ongoing REVISION | I-LIST histor | ry. | |
| 508 | | | | | | | | | | |
| 509 | <u>Elementary glide</u> | -path calcul | ator (SimpleCalc) | | Results w | <u>orksheet (I</u> | R. Results) | Next IPT v | <u>worksheet</u> | (Assumptions) |
| 510 | | | | | | | | | | |
| 511 | | | | | | | | | | |
| 512 | Worksheet Na | vigation. | | | | | | | | |
| 513 | To go to a specific | worksheet | , click on one of the | e following | ξ: | | | | | |
| 514 | | Introduction | l e | | | | | | | |
| 515 | | Assumptions | <u>s</u> | | | | | | | |
| 516 | | R. Results | | | | | | | | |
| 517 | | S. Setup | | | | | | | | |
| 518 | 1. AgeData | | | | | | | | | |
| 519 | 2. TaxData | | | | | | | | | |
| 520 | 3. WorkData | | | | | | | | | |
| 521 | 4. PensionData | | | | | | | | | |
| 522 | 5. SocSecData | | | | | | | | | |
| 523 | 6. AnnuityData | | | | | | | | | |
| 524 | 7. IRAdata | | | | | | | | | |
| 525 | 8. RothData | | | | | | | | | |

| | Α | В | С | D | E | F | G | Н | I | J | |
|---------------------------------|---|-------------------|--------------|--|-----------|--|---|---|---|---|--|
| 526 | | 9. SavingsDa | <u>ıta</u> | | | | | | | | |
| 527 | | 10. Expenses | <u>sData</u> | | | | | | | | |
| 528 529 | | 11. CashData | <u>a</u> | | | | | | | | |
| 529 | | 12. RMDtab | <u>le</u> | | | | | | | | |
| 530 | | RS. Resources | | | | Articles, literature, web sites | | | | | |
| 531 | | Appendix A | | | | List of all worksheets tables & sections | | | | | |
| 532 | | Appendix B | | Extra calculators | | | | | | | |
| 533 | | Appendix C | | | | Glossary of terms | | | | | |
| 534 | | <u>Appendix D</u> | | List of outstanding issues and Revision list | | | | | | _ | |
| 531 532 533 534 535 | | FAQ | | Frequently | Asked Que | estions | | | | _ | |

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