Read Me

Calculate sub-diagonal

Input Age and Lx data for 1900 cohort from Sweden, Life Tables (cohort 5x1), Females into columns A and B

For Cell C3, enter formula =B4/B3

Use autofill to apply the same formula to the rest of column B and enter result in Column C

Calculate first row

Input age and total birth counts from 1900 cohort from Sweden, Birth Counts

Sum total birth counts 12-14, 15-19, etc. (for each 5 year age group)

Input age and female population exposure from 1900 Cohort from Sweden, Female Population Exposure

Sum total exposure 12-14, 15-19, etc. (for each 5 year age group)

Input summed birth counts for 5 year age groups into Column D, input summed exposure for 5 year age groups into Column E

For Column F, divide each age groups total birth counts by total exposure to calculate age specific fertility

If radix is 100,000

nL0 is 424608

nL0/2l0 = 2.12304

Multiply each ASF by Ffab = 0.4886

Then add this value to previous row ASF by Ffab value

Then multiply by previous row subdiagonal

Then multiply by 2.12304

Fill in first row with final values

Fill in subdiagonal

Fill in structural zeros

Calculations on Sheet 1, Leslie Matrix on Sheet 2