# Documentation of Projection Tool (Zukunftsrechner): (Not) Thinking about the Future: Inattention and Maternal Labor Supply

This file documents the online projection tool "Zukunftsrecher" which is part of the treatment material. We provide translations of the text and present the exemplary calculation for our treatment vignette case.

#### Input page:

Figure 1:

Welcome to the Zukunftsrechner ('future calculator') of the Family Life Study!

In the **future calculator**, you can easily calculate for your personal situation the **long-term financial consequences** of different **employment levels compared** to a 100% employment level over your entire working life. Enter your details for **your personal "future example"** and click on "Calculate". You can use the future calculator as often as you like over the next 4 weeks.

At the end of each calculation, you have the option of saving the results to your device.

Please enter your data for your personal future example here:

[Participants are asked to enter their marital status and their year of birth]

Zürcher Kantonalbank
Willkommen zum Zukunftsrechner der Family Life Study!
Im <b>Zukunftsrechner</b> können Sie für Ihre persönliche Situation die <b>langfristigen finanziellen Konsequenzen</b> verschiedener <b>Arbeitspensen im Vergleich</b> zu einem 100 % Pensum über das gesamte Arbeitsleben ganz einfach ausrechnen lassen. Tragen Sie Ihre Angaben für I <b>hr persönliches "Zukunfts-Beispiel</b> " ein und drücken Sie auf "Berechnen". Sie können den Zukunftsrechner in den nächsten 4 Wochen so häufig benutzen wie Sie möchten.
Sie haben am Ende einer Berechnung jeweils die Möglichkeit, die Ergebnisse auf Ihrem Gerät zu speichern.
Bitte geben Sie <b>hier</b> Ihre Daten für Ihr persönliches <b>Zukunfts-Beispiel</b> ein:
Zivilstand
verheiratet/eingetragene Partnerschaft
Geburtsjahr
1986

Figure 1: Input page first part.

# Figure 2:

[Participants are asked to enter their current yearly gross income, current employment level, and the year of birth of their child(ren)]

Aktuelles Arbeitspensum in %	
alls Sie im Moment nicht arbeiten, c	dann tragen Sie hier bitte Ihr letztes Arbeitspensum vor dem ersten Kind ein.
40	~
Kinder	
linder	
Bitte geben Sie mindestens ein Kind	an.
Geburtsiahr des 1. Kindes	
Bitte geben Sie hier das Jahr an in	welchem Ihr 1. Kind geboren wurde/geboren wird.
2017	
Coburtrisht dos 2. Kindos	
Geburtsjahr des 2. Kindes Bitte geben Sie hier das Jahr an in	welchem 1hr 2. Kind geboren wurde/geboren wird.
Geburtsjahr des 2. Kindes Bitte geben Sie hier das Jahr an in 2019	welchem Ihr 2. Kind geboren wurde/geboren wird.
Geburtsjahr des 2. Kindes Bitte geben Sie hier das Jahr an in 2019	welchem Ihr 2. Kind geboren wurde/geboren wird.

*Figure 2:* Input page second part.

### Figure 3:

Now think about how your planned or desired **level of employment** will develop throughout your working life in the future.

If you are not planning to change your level of employment, please enter your current employment level starting from your current age.

You can change your employment level **up to three times.** 

[Participants are asked to enter at least one employment level change with the corresponding age at which the change should occur]

nken Sie nun daran, wie sich Ihr geplantes oder gewünschtes Arbeitspensum im Laufe Ihres Arb	eitslebens in Zukunft entwickeln wird.
ls Sie nicht planen Ihr Pensum zu verändern, tragen Sie bitte Ihr aktuelles Pensum ab Ihrem aktuellen Alter ein.	
können Ihr Arbeitspensum <b>bis zu dreimal</b> ändern.	
Arbeitspensen	
Bitte geben Sie mindestens eine Arbeitspensumsveränderung an.	
Arbeitspensum 1	
Alter Bitte geben Sie hier IHR Alter bei der Veränderung des Arbeitspensums ein.	
36	
Arbeitspensum	
40	~
	Weitere Pensumsänderung hinzufügen +

*Figure 3:* Input page third part.

Text at the end of the input page: Please **click** on **"Calculate"** to compare the financial aspects of **the future example you have entered** with an **employment of 100%**.

# Output page:

Figure 4:

Dear [Name]

The following calculations show the **financial implications of your future example** if you decide to work:

• 40% from the age of 36 until you retire.

This will be **compared** to the situation in which you would be working with an employment level of **100%** for your **entire working life.** 



Figure 4: Introduction output page.

Figure 5:

## 1. Total income

The following figure shows you **how high the total financial loss** would be in **your future example** compared to a full-time job throughout your entire working life.

[The figure presents the cumulated losses in earnings, promotions, second-pillar pension savings, and first-pillar pension savings. Participants may toggle all loss categories across all ages displayed in the figure.]



*Figure 5:* First output demonstrating the cumulative long-term losses by loss category.

Figure 6:

In your future example, the total financial loss amounts to CHF 2.92 million.

Or to put it differently: with an employment level of **100%**, you would accumulate **CHF 6.60 million**. In **your future example**, your total accumulated income would amount to **CHF 3.67 million**.

You would therefore lose 44.33 % of your potential income.

[The graphic presents the accumulated total earnings and pension savings with an employment level of 100% compared to the employment levels input by the participant]



Figure 6: Second output demonstrating the cumulative financial loss.

Figure 7:

### 2. Monthly retirement pension

In this graphic, we focus on the effects on **your individual monthly retirement pension** (AHV (1st pillar) + BVG (2nd pillar)) after retirement (independently from your partner).

In **your future example**, your monthly **retirement pension** will be **CHF 2,825 (or 43%) lower** compared to an employment level of 100%.

[The graphic presents the monthly pension earnings split between AHV (1st pillar) and BVG (2nd pillar), for a 100% employment level and employment levels as input by the participant]



Figure 7: Third output demonstrating the impact on monthly pension payments.

Figure 8:

## 3. Costs for childcare

Many families compare the mother's monthly income with the monthly costs of external childcare. However, this is only a short-term consideration. But how do the maximum **childcare costs** you would incur in the long term for full-time childcare **compare** to the total long-term **financial losses in your future example**?

The **maximum childcare costs** that would be incurred in your case for external full-time childcare (up to the age of 16) amount to CHF 252,700. This corresponds to 9% of the total **financial loss** in **your future example**.

[The graphic presents total financial losses due to a lower employment level with additional childcare costs incurred for full-time childcare]



Figure 8: Fourth output comparing total losses to total childcare costs.

[Participants can print the output to a PDF file and initiate a new projection, changing their entered parameters. We further provide a link to the documentation of the central assumptions underlying the calculations.]