

Data Supplement

May 8, 2013

This not-for-publication supplement contains a description of the data set used for the paper *Sticky prices or rational inattention – What can we learn from sectoral price data?* by Daniel Kaufmann and Sarah Lein. It discusses coverage and transformation of the data as well as an interpolation method dealing with the irregular survey frequency of the prices underlying the Swiss CPI.

1 Price data

This section describes coverage, transformation and interpolation of the price data. A list of the price series is provided in Section 3.

1.1 Coverage

The price data set contains 147 disaggregate price indices underlying the Swiss CPI from Q4 1977 to Q3 2008. The price indices are based on index items obtained from the Swiss Federal Statistical Office (SFSO). An index item is the lowest level at which the SFSO calculates price indices and expenditure weights.

We aggregate some of the index items to a higher level in order to get consistent price indices over time. This is because the SFSO revised the CPI basket several times since the beginning of our sample (12/1982, 5/1993, 5/2000, 12/2005, 12/2010). In these revisions, some index items were discarded, added, merged or split up. That way, the SFSO adapts the CPI basket to changing consumer preferences.

The Swiss CPI is a Laspeyres index, where the weights and the base year change whenever the SFSO revises the CPI basket. For aggregating the index items, we therefore use the corresponding time-varying expenditure weights. For each of our 147 categories and for each base year, we set the underlying price indices to 100 and then take a weighted average. The resulting price indices are then linked in every base year. Note that since May 2000, the Swiss CPI is a Laspeyres index with weights changing annually.

Our price data cover about 95% of the Swiss CPI at average weights. The missing 5% reflect that we are not able to attribute all available series to one of our sectors.

1.2 Interpolation

Although the Swiss CPI is published on a monthly basis, not all prices are actually collected every month.¹ If no survey takes place the SFSO uses the index value of the last survey to calculate the CPI. This limits the accuracy of the CPI. Moreover, it hampers transformations such as seasonal adjustment and aggregation to quarterly frequency.

Fortunately, the survey frequency has been increased substantially in recent years and most of the CPI basket is now collected monthly (cf. Section 4). We use this recent information to estimate a time-series model and interpolate the historical data. This novel data set allows us to seasonally adjust the series and calculate consistent quarterly averages.

Many index items are affected by irregular survey frequency. That is, they are collected less than monthly and the timing of the surveys has changed over time. More recent changes include (cf. also Section 4):

- the survey frequency increased in January 2008 (two additional surveys for clothing and footwear; monthly frequency for many other items)
- the survey frequency for clothing and footwear increased in May 2000 from half-yearly to quarterly.
- the survey months for clothing and footwear changed in 2001 (from Feb/May/Aug/Nov to Jan/Apr/Jul/Oct)

A related issue is that end-of-season sales prices for clothing and footwear items were only collected from 2001 onwards. Before, these prices were collected only half-yearly, excluding end-of-season sales periods. Therefore, these price series are smooth before the revision and highly volatile and seasonal afterwards. Our approach allows to estimate a seasonal term from the observed seasonal pattern after 2001 and interpolate the not-observed end-of-season sales

¹This section draws heavily on [Huwiler and Kaufmann \(2013\)](#).

prices before. This is one way to account for this structural break and facilitates the seasonal adjustment of the series.

1.2.1 Model

The interpolation is based on the Kalman filter.² We assume that the data generating process for the unobserved monthly indices is an ARIMA($p, 1, q$), possibly with a seasonal AR term, such that stationarity can be obtained by taking first differences.

Let Y_t denote a monthly disaggregate price index at time t , but the data for this price index are collected only irregularly. Therefore, calculating log differences of Y_t does not yield month-on-month changes. Rather it yields the size of the price change since the last survey period. Let h_t denote the number of periods since the last survey has taken place. First differences of the logs yield $\Delta^{h_t}y_t$, where $y_t = \log(Y_t)$ and $\Delta^{h_t}y_t = y_t - y_{t-h_t}$. Thus, the log changes of an irregularly surveyed price index yield sequential changes since the last survey rather than month-on-month changes.

The measurement equation can be written as:

$$\begin{aligned}\Delta^{h_t}y_t &= A_t\mu + H_t'\xi_t + W_t \quad , \\ R_t &= \mathbf{E}(W_tW_t') \quad ,\end{aligned}\tag{1}$$

where ξ_t is a vector of demeaned, current and lagged unobserved month-on-month log changes ($\Delta y_t - \mu$) and unobserved forecast errors (v_t). The measurement equation states that the observed sequential price change depends on a constant ($A_t\mu$), the unobserved underlying month-on-month changes ($\Delta y_t - \mu$), and a measurement error (W_t). The main difference to the standard Kalman filter is that the system matrices A_t and H_t are time-varying; because of the irregular survey frequency, we have to consider two cases.

(i) A survey takes place. Then, $H_t' = [1 \ 1 \ \dots \ 0 \ 0]$ sums up the unobserved month-on-month changes since the last survey period. By definition, this sum is equal to the log change since the last survey period which is observed ($\Delta^{h_t}y_t = \sum_{j=0}^{h_t-1} \Delta y_{t-j}$). Also, $R_t = 0$ since the price change is observed and thus the measurement error is zero. Finally, $A_t = h_t$ sums up the underlying constant of the process since the last survey period.

(ii) No survey takes place. Then, $H_t' = [0 \ 0 \ \dots \ 0 \ 0]$ and $R_t = r$, where r is an arbitrary positive constant (cf. Neusser, 2009).

As an example, assume that no survey took place for two consecutive periods until period t . So the number of periods since the last survey is $h_t = 3$ and the system matrices are given by:

$$\begin{aligned}\xi_t &= [(\Delta y_t - \mu) \ (\Delta y_{t-1} - \mu) \ (\Delta y_{t-2} - \mu) \ \dots]^\prime \quad , \\ A_t &= 3 \quad , \\ H_t' &= [1 \ 1 \ 1 \ 0 \ \dots \ 0] \quad , \\ R_t &= 0 \quad .\end{aligned}\tag{2}$$

For periods without a survey, the system matrices are given by:

$$\begin{aligned}A_t &= 0 \quad , \\ H_t' &= [0 \ \dots \ 0] \quad , \\ R_t &= r \quad .\end{aligned}\tag{3}$$

The law of motion for the underlying process is set up in terms of the unobserved month-on-month log changes rather than in terms of the observed changes since the last survey

²For a detailed discussion of the Kalman filter and the Kalman smoother cf. Hamilton (1994).

period. The transition equation is given by:

$$\begin{aligned}\xi_t &= F_t \xi_{t-1} + V_t, \\ Q_t &= \mathbf{E}(V_t V_t') .\end{aligned}\tag{4}$$

In our case, the law of motion will be a seasonal ARMA specification. So the underlying monthly changes are modeled as:

$$\Phi(L)\Gamma(L)(\Delta y_t - \mu) = \Theta(L)v_t ,\tag{5}$$

where $\Phi(L) = 1 - \phi_1 L - \phi_2 L^2 - \dots - \phi_p L^p$, $\Theta(L) = 1 + \theta_1 L + \theta_2 L^2 + \dots + \theta_q L^q$, $\Gamma(L) = 1 - \gamma L^{12}$. The following example gives the matrices for an ARMA(2, 2).³

$$\begin{aligned}\xi_t &= [(\Delta y_t - \mu) (\Delta y_{t-1} - \mu) v_t v_{t-1}]' , \\ F_t &= \begin{bmatrix} \phi_1 & \phi_2 & \theta_1 & \theta_2 \\ 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix} , \\ V_t &= [v_t \ 0 \ v_t \ 0]' \\ Q_t &= \begin{bmatrix} \sigma^2 & 0 & \sigma^2 & 0 \\ 0 & 0 & 0 & 0 \\ \sigma^2 & 0 & \sigma^2 & 0 \\ 0 & 0 & 0 & 0 \end{bmatrix} .\end{aligned}\tag{6}$$

In order to back out the unobserved monthly changes of the irregularly collected price index we can use the Kalman smoother. That is, we estimate the unobserved states given all available data $(\xi_{t|T})$. The estimated month-on-month changes are then derived by:

$$\Delta y_{t|T} = \mu + \xi_{t|T} .\tag{7}$$

1.2.2 Estimation

To estimate the model parameters, we need to derive the likelihood function. It is given as a byproduct of the Kalman filter (cf. e.g. Neusser, 2009). We maximise the likelihood function using the optimisation algorithm by Sims (1999). The lag order of the model is chosen by the *SIC*, where the maximum lag order is $p = 4$, $q = 2$ and one seasonal AR lag for seasonal price series.

To estimate the parameters, we updated the price data. The estimation period includes data from 09/1977 to 07/2012.

1.2.3 An example

As an example, we show how we interpolated and seasonally adjusted the index item men's suits.

Figure 1 Panel (a) shows that the SFSO collected prices once a semester before 2000 (in May and November). After 2000, the SFSO increased the surveys to quarterly frequency. Two additional surveys were added in December and June since 2008 in order to account for early end-of-season sales (Panel b). Since January 2011 prices are collected monthly.

³In this example, the maximum number of months between the surveys is two. To allow for a higher duration between two consecutive surveys increase the state space by adding more lags of the unobserved monthly changes.

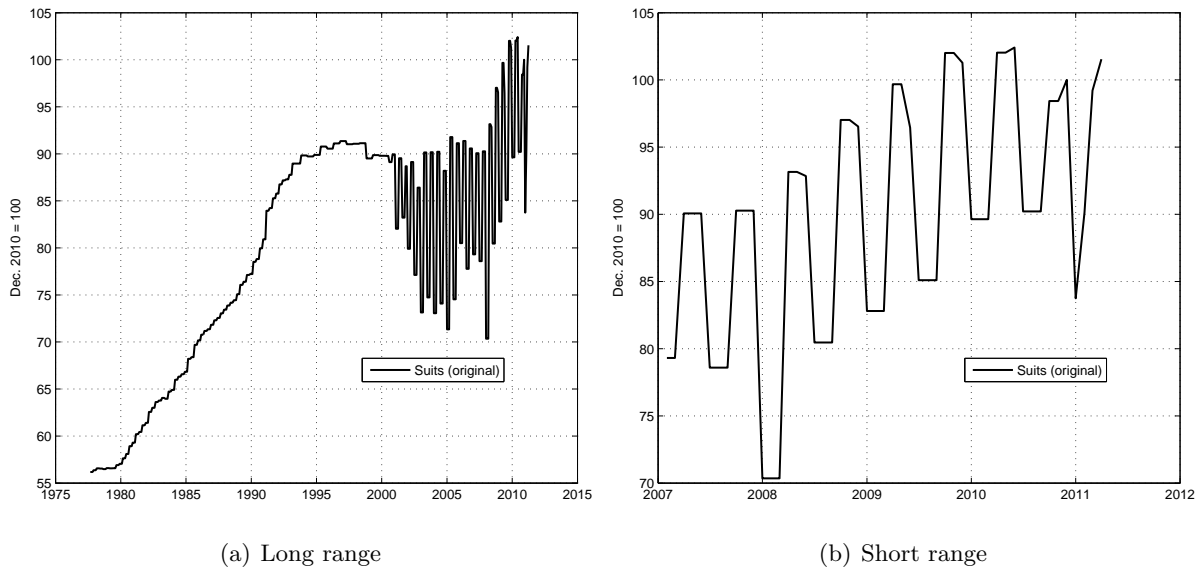


Figure 1: *Original series*

A second characteristic of the price index is that, before 2001, the SFSO collected prices only in months without end-of-season sales. Afterwards, the volatility increased considerably and a distinct seasonal pattern emerged.

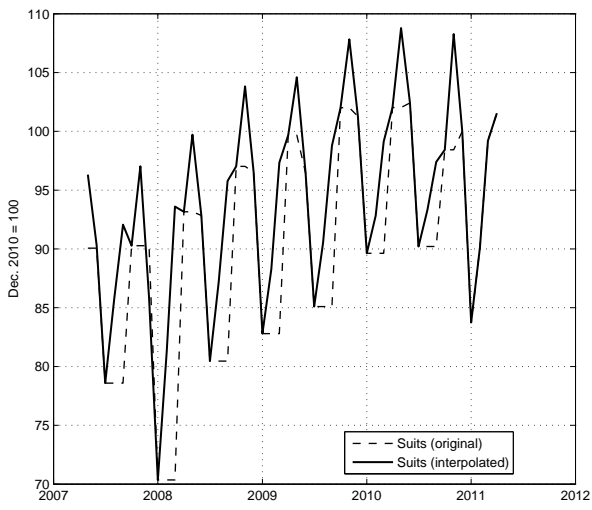
The example illustrates that taking quarterly averages gives a biased price index. First, calculating an average quarterly price before 2000 we overestimate the true price level because we ignore end-of-season sales. Second, calculating an average quarterly price after 2001 we underestimate the true price level because the end-of-season sales price is simply extrapolated in February, March, August and September, despite prices tending to their higher non-sales levels in these months (cf. Figure 1, Panel b).

We can mitigate this problem by using a statistical model to interpolate the series. In survey months, the interpolated series is equal to the original series by definition (Figure 2, Panel a). Moreover, before 2001, the Kalman smoother delivers an estimate of the unobserved end-of-season sales prices (Panel b).

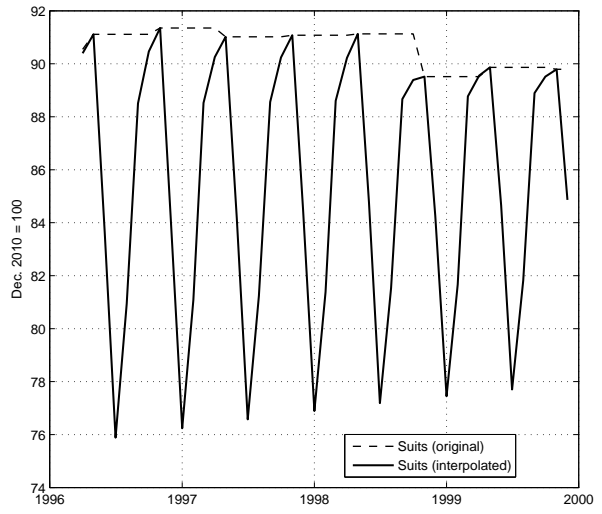
The seasonal adjustment of the original series is difficult in particular when the survey frequency changes. In 2001 the seasonally adjusted original series reacts rather erratically because the SFSO started to survey prices in months with end-of-season sales (Figure 3, Panel a).⁴ Also, when the SFSO started to collect prices on a monthly basis in 2011, the adjusted series displays an unreasonably large spike.

These effects are substantially mitigated when we seasonally adjust the interpolated series (Panel b). We can also see that the interpolated series lies below the seasonally adjusted original series before 2001 and above afterwards. This reflects the bias because of over- and under-representation of end-of-season sales in the data. Thus, using quarterly averages of the seasonally adjusted interpolated series gives more consistent price indices than taking quarterly averages of the original series.

⁴We use the U.S. Census X-12-ARIMA seasonal adjustment program (www.census.gov/srd/www/x12a/).

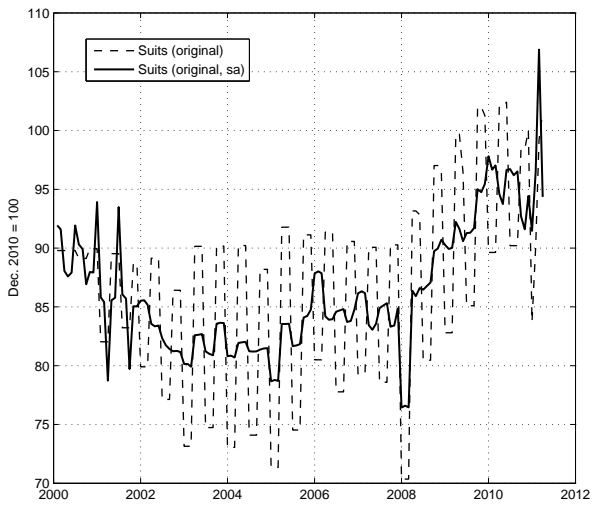


(a) Irregular survey frequency

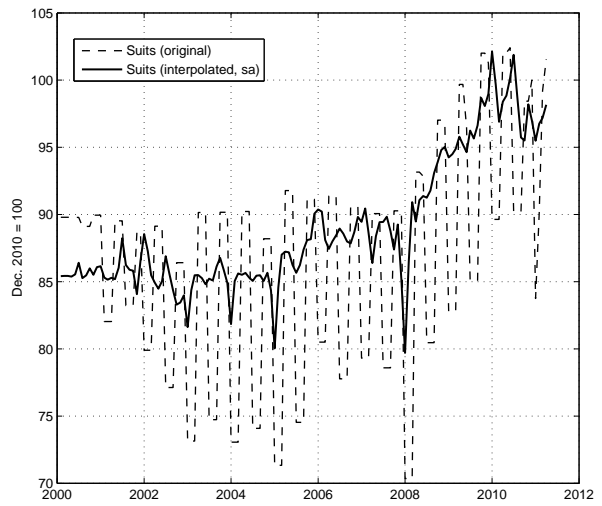


(b) Unobserved seasonality

Figure 2: Interpolation



(a) Original



(b) Interpolated

Figure 3: Seasonal adjustment

1.3 Transformation

The interpolated price series are seasonally adjusted when necessary and aggregated to quarterly frequency by taking averages.⁵ In addition, we take log-differences to obtain stationary time series.

In order to detect unit roots, we run two tests (Dickey and Fuller, 1979; Kwiatkowski et al., 1992). The number of lags in the ADF-test equation is chosen according to the SIC. Both tests suggest that most of the prices are non-stationary (cf. Table 1 in Section 3). Those series are transformed by taking log-differences.

However, the ADF-test has low statistical power to identify unit roots. We therefore visually inspect those prices for which the test rejects a unit root; they often appear to be non-stationary. We therefore use log-differences for all prices.

2 Macroeconomic data

This section describes the coverage and transformation of the macroeconomic data. A list of all variables is provided in Section 3.

2.1 Coverage

Our macroeconomic data set contains 137 time series from Q4 1977 to Q3 2008. It covers many aspects of the Swiss economy such as real activity, the labour market, housing and finance. In addition, we include survey information mostly covering real activity, consumer sentiment and price expectations.

2.2 Transformation

The time series are seasonally adjusted when necessary.

To obtain stationary time series we performed the same tests as for the price data. We use log-differences when the ADF-test suggests that the time series have a unit root (cf. Table 2). All interest rates, spreads and real exchange rates are used in levels.

⁵Some price indexes are irregularly surveyed because they do rarely change (e.g. electricity or public transport). These series are neither interpolated nor seasonally adjusted.

3 Data summary

Table 1: *Price data set*

Label	Description	Weight	Transf.	ADF (p-value)	KPSS (test)
A003	Rice	0.050	$\Delta \log$	0.002	0.246
A008	Flour	0.068	$\Delta \log$	0.083	0.645
A014	Bread	0.845	$\Delta \log$	0.179	1.234
A033	Pastries	0.861	$\Delta \log$	0.052	1.346
A058	Pasta	0.137	$\Delta \log$	0.022	1.186
A065	Other cereal products	0.170	$\Delta \log$	0.035	1.215
A076	Beef	0.733	$\Delta \log$	0.791	1.278
A088	Veal	0.255	$\Delta \log$	0.888	1.337
A097	Pork	0.838	$\Delta \log$	0.541	1.335
A107	Lamb	0.083	$\Delta \log$	0.999	1.404
A115	Poultry	0.294	$\Delta \log$	0.405	1.388
A133	Other meat	0.156	$\Delta \log$	0.858	1.300
A145	Sausages	0.872	$\Delta \log$	0.863	1.424
A170	Other processed meat	0.455	$\Delta \log$	0.332	1.382
A179	Frozen fish	0.085	$\Delta \log$	0.501	1.323
A180	Fresh fish	0.144	$\Delta \log$	0.424	1.408
A200	Whole milk	0.556	$\Delta \log$	0.310	0.400
A207	Other type of milk	0.384	$\Delta \log$	0.167	0.632
A212	Hard cheese	0.761	$\Delta \log$	0.029	1.219
A236	Tinned fish and smoked fish	0.084	$\Delta \log$	0.127	1.107
A246	Other dairy products	0.403	$\Delta \log$	0.108	1.007
A265	Cream	0.246	$\Delta \log$	0.860	0.523
A278	Eggs	0.287	$\Delta \log$	0.429	1.276
A285	Butter	0.343	$\Delta \log$	0.110	0.496
A293	Margarine, fats, edible oils	0.218	$\Delta \log$	0.149	0.545
A297	Other cheese	0.317	$\Delta \log$	0.021	1.130
A308	Fresh fruits	1.146	$\Delta \log$	0.111	1.376
A347	Dried, frozen and tinned fruit	0.135	$\Delta \log$	0.588	1.399
A361	Fresh vegetables	1.123	$\Delta \log$	0.002	1.253
A417	Potatoes	0.169	$\Delta \log$	0.263	1.262
A423	Dried, frozen, tinned vegetables	0.278	$\Delta \log$	0.110	0.969
A449	Jam, honey, sweets	0.308	$\Delta \log$	0.513	1.404
A455	Chocolate	0.408	$\Delta \log$	0.135	1.294
A475	Sugar	0.088	$\Delta \log$	0.037	0.874
A481	Soups, spices, sauces	0.394	$\Delta \log$	0.060	1.355
A519	Coffee	0.320	$\Delta \log$	0.000	0.140
A532	Tea	0.063	$\Delta \log$	0.278	1.367
A539	Cocoa and nutritional beverages	0.079	$\Delta \log$	0.360	1.298
A545	Natural mineral water	0.167	$\Delta \log$	0.042	1.215
A552	Soft drinks	0.380	$\Delta \log$	0.236	1.346
A732	Ready-made foods	0.363	$\Delta \log$	0.000	1.333
A862	Fruit or vegetable juices	0.131	$\Delta \log$	0.428	1.357
B002	Spirits/brandies	0.135	$\Delta \log$	0.292	0.676
B010	Liqueurs and aperitifs	0.096	$\Delta \log$	0.391	0.472
B019	Swiss red wine	0.173	$\Delta \log$	0.082	1.131
B031	Foreign red wine	0.574	$\Delta \log$	0.718	1.402
B046	Swiss white wine	0.221	$\Delta \log$	0.106	1.150
B058	Foreign white and sparkling wine	0.085	$\Delta \log$	0.069	1.300
B064	Beer	0.196	$\Delta \log$	0.579	1.348
B075	Cigarettes	0.561	$\Delta \log$	1.000	1.384
B082	Other tobacco products	0.066	$\Delta \log$	1.000	1.440
C004	Men: coats, jackets	0.333	$\Delta \log$	0.117	1.065
C015	Men: suits	0.256	$\Delta \log$	0.769	1.353

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Table 1 – *continued from previous page*

Label	Description	Weight	Transf.	ADF (p-value)	KPSS (test)
C020	Men: trousers	0.252	$\Delta \log$	0.934	1.364
C027	Men: shirts	0.201	$\Delta \log$	0.132	0.968
C033	Men: sweaters	0.228	$\Delta \log$	0.181	1.193
C041	Men: underwear	0.119	$\Delta \log$	0.063	1.327
C050	Sportswear	0.296	$\Delta \log$	0.119	1.112
C061	Women: coats, jackets	0.276	$\Delta \log$	0.320	0.387
C067	Women: costumes, trouser suits, dresses	0.604	$\Delta \log$	0.255	0.746
C079	Women: trousers	0.304	$\Delta \log$	0.970	1.342
C086	Women: jackets	0.281	$\Delta \log$	0.538	0.928
C093	Women: blouses	0.198	$\Delta \log$	0.195	0.637
C098	Women: underwear	0.380	$\Delta \log$	0.693	1.397
C099	Women: other clothing	0.329	$\Delta \log$	0.697	1.305
C126	Children: coats and jackets	0.067	$\Delta \log$	0.093	0.421
C127	Children: underwear	0.092	$\Delta \log$	0.021	1.232
C134	Children: other clothing	0.419	$\Delta \log$	0.156	1.267
C168	Garment fabrics	0.118	$\Delta \log$	0.669	1.202
C175	Other clothing accessories	0.286	$\Delta \log$	0.401	1.363
C190	Garment alterations	0.100	$\Delta \log$	0.500	1.382
C198	Upkeep of textiles	0.240	$\Delta \log$	0.241	1.378
C212	Women: footwear	0.581	$\Delta \log$	0.342	0.863
C220	Men: footwear	0.394	$\Delta \log$	0.143	1.070
C228	Children: footwear	0.202	$\Delta \log$	0.066	0.936
C237	Shoe repairs	0.076	$\Delta \log$	0.990	1.416
D001	Rent	19.482	$\Delta \log$	0.743	1.397
D010	Products for housing maintenance and repair	0.193	$\Delta \log$	0.725	1.410
D020	Services for housing maintenance and repair	0.633	$\Delta \log$	0.435	1.408
D050	Natural gas	0.287	$\Delta \log$	0.898	1.050
D070	Electricity	1.675	$\Delta \log$	0.598	1.248
D090	Heating oil	2.139	$\Delta \log$	0.828	0.597
E002	Furniture: livingroom and bedroom	1.300	$\Delta \log$	0.035	1.351
E040	Furniture: kitchen and garden	0.172	$\Delta \log$	0.315	1.352
E050	Furnishings	0.387	$\Delta \log$	0.002	1.264
E060	Floor coverings and carpets	0.470	$\Delta \log$	0.162	1.284
E071	Bed linen and household linen	0.323	$\Delta \log$	0.017	1.131
E090	Curtains and curtain accessories	0.180	$\Delta \log$	0.288	1.263
E100	Major household appliances	0.334	$\Delta \log$	0.139	0.937
E120	Smaller electric household appliances	0.291	$\Delta \log$	0.293	0.348
E141	Kitchen utensils	0.128	$\Delta \log$	0.365	1.402
E150	Tableware and cutlery	0.197	$\Delta \log$	0.387	1.363
E180	Tools for DIY and garden	0.395	$\Delta \log$	0.626	1.401
E221	Goods for routine household maintenance	0.789	$\Delta \log$	0.131	1.400
F002	Medicines	1.264	$\Delta \log$	0.679	0.669
F031	Medical services	2.575	$\Delta \log$	0.000	1.224
F036	Dental services	1.557	$\Delta \log$	0.234	1.378
F059	Hospital services	3.302	$\Delta \log$	0.521	1.406
G003	New cars	2.577	$\Delta \log$	0.011	1.351
G062	Motorcycles	0.264	$\Delta \log$	0.375	1.099
G071	Bicycles	0.127	$\Delta \log$	0.269	1.246
G082	Spare parts	0.244	$\Delta \log$	0.324	1.232
G096	Tyres and accessories	0.128	$\Delta \log$	0.162	0.511
G105	Fuels	2.691	$\Delta \log$	0.832	1.071
G113	Repair services and work	1.565	$\Delta \log$	0.405	1.357
G210	Public transport: direct service	0.908	$\Delta \log$	0.802	1.407

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Table 1 – *continued from previous page*

Label	Description	Weight	Transf.	ADF (p-value)	KPSS (test)
G220	Public transport: combined services	0.408	$\Delta \log$	0.961	1.423
H001	Postal services	0.166	$\Delta \log$	0.982	1.355
H016	Telecommunication services	1.790	$\Delta \log$	0.951	0.865
I003	Television sets and audiovisual appliances	0.804	$\Delta \log$	0.850	1.426
I029	Photographic, cinematographic equipment and optical instruments	0.195	$\Delta \log$	0.991	1.379
I077	PC hardware	0.260	$\Delta \log$	0.826	1.410
I085	Recording media	0.468	$\Delta \log$	0.924	0.755
I120	Repair and installation	0.173	$\Delta \log$	0.671	1.392
I211	Games, toys and hobbies	0.458	$\Delta \log$	0.266	1.249
I230	Equipment for sport, camping and open-air recreation	0.531	$\Delta \log$	0.000	1.188
I300	Plants and flowers	0.642	$\Delta \log$	0.039	1.392
I320	Pets and related products	0.417	$\Delta \log$	0.315	1.272
I352	Sporting events	0.037	$\Delta \log$	0.954	1.432
I400	Sports and leisure activities	0.354	$\Delta \log$	0.691	1.399
I420	Mountain railways, ski lifts.	0.220	$\Delta \log$	0.944	1.434
I436	Cinema	0.307	$\Delta \log$	0.675	1.418
I450	Theatre and concerts	0.182	$\Delta \log$	0.077	1.425
I465	Radio and television licences	0.641	$\Delta \log$	0.609	1.387
I475	Photographic services	0.256	$\Delta \log$	0.474	0.514
I490	Leisure-time courses	0.904	$\Delta \log$	0.957	1.443
I501	Books and brochures	0.833	$\Delta \log$	0.708	1.077
I525	Daily newspapers and periodicals	0.946	$\Delta \log$	0.794	1.436
I555	Writing and drawing materials	0.270	$\Delta \log$	0.794	1.400
I570	Package holidays	2.207	$\Delta \log$	0.021	1.140
J050	Life-long learning	0.310	$\Delta \log$	0.226	1.431
K003	Meals taken in restaurants and cafés	3.935	$\Delta \log$	0.520	1.430
K052	Wine taken in restaurants	0.608	$\Delta \log$	0.808	1.438
K070	Beer taken in restaurants	0.481	$\Delta \log$	0.834	1.430
K075	Spirits, other alcoholic drinks taken in restaurants	0.164	$\Delta \log$	0.476	1.401
K091	Coffee and tea taken in restaurants	0.644	$\Delta \log$	0.910	1.437
K103	Other beverages taken in restaurants	0.431	$\Delta \log$	0.764	1.430
K170	Alternative accommodation facilities	0.459	$\Delta \log$	0.805	1.420
K171	Hotels	1.803	$\Delta \log$	0.568	1.409
L003	Hairdressing establishments	0.871	$\Delta \log$	0.660	1.431
L023	Soaps and foam baths	0.194	$\Delta \log$	0.749	1.302
L040	Hair-care products	0.260	$\Delta \log$	0.306	1.376
L055	Dental-care products	0.182	$\Delta \log$	0.495	1.206
L070	Beauty products and cosmetics	0.324	$\Delta \log$	0.537	1.425
L100	Paper articles for personal hygiene	0.244	$\Delta \log$	0.144	1.390
L120	First aid material	0.039	$\Delta \log$	0.852	1.402
L130	Personal care appliances, electric	0.102	$\Delta \log$	0.310	1.258

The ADF and KPSS tests are performed for the level of the series using a constant. KPSS critical values are 0.739 (1% level), 0.463 (5% level) and 0.347 (10% level). The null hypothesis is that the series is stationary. For the ADF test, the null hypothesis is that the series has a unit root.

Table 2: *Macroeconomic data set*

Label	Description	Transf.	ADF (p-value)	KPSS (test)
LIBOR3M	3M Libor		0.132	0.475
CPI	CPI	$\Delta \log$	0.251	1.322

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Table 2 – *continued from previous page*

Label	Description	Transf.	ADF (p-value)	KPSS (test)
GDP	GDP (real)	$\Delta \log$	0.989	1.353
PRICONS	Private consumption expenditures (real)	$\Delta \log$	0.993	1.364
GOVCONS	Government consumption (real)	$\Delta \log$	0.605	1.303
INVEST	Gross fixed capital formation (real)	$\Delta \log$	0.795	1.297
EQINV	Equipment investment (real)	$\Delta \log$	0.947	1.296
CSTRINV	Construction investment (real)	$\Delta \log$	0.203	0.857
EXPORT	Exports (goods and services, real)	$\Delta \log$	1.000	1.276
IMPORT	Imports (goods and services, real)	$\Delta \log$	1.000	1.316
EXPSER	Exports (services, real)	$\Delta \log$	1.000	1.247
IMP SER	Imports (services, real)	$\Delta \log$	1.000	1.298
INVENT	Change in inventories		0.000	0.127
INDPROD	Industrial production	$\Delta \log$	0.995	1.322
IPIFOOD	Industrial production: food and beverages	$\Delta \log$	0.682	0.707
IPIWOOD	Industrial production: wood	$\Delta \log$	0.873	1.168
IPICHEM	Industrial production: chemistry	$\Delta \log$	1.000	1.259
IPIMIN	Industrial production: mining	$\Delta \log$	0.613	1.192
IPIMET	Industrial production: metal industry	$\Delta \log$	0.346	0.929
IPIENG	Industrial production: engineering	$\Delta \log$	0.316	1.029
IPIENWA	Industrial production: energy and water supply	$\Delta \log$	0.656	1.302
RETSALES	Retail sales	$\Delta \log$	0.997	1.158
RETSALCF	Retail sales: clothing and footwear	$\Delta \log$	0.715	1.000
RETSALFOOD	Retail sales: food	$\Delta \log$	0.997	1.170
RETSALEOTH	Retail sales: other goods	$\Delta \log$	0.961	1.308
OECDLEAD	OECD composite leading indicator		0.000	0.050
CEMENT	Cement deliveries	$\Delta \log$	0.245	0.227
MANPOW	Manpower index	$\Delta \log$	0.029	0.247
VACAN	Vacancies	$\Delta \log$	0.018	0.100
TOTEMP	Employment	$\Delta \log$	0.780	1.269
EMP1	Employment: sector 1	$\Delta \log$	0.243	1.173
EMP2	Employment: sector 2	$\Delta \log$	0.685	1.157
EMP3	Employment: sector 3	$\Delta \log$	0.804	1.339
EMPTXT	Employment: textile industry	$\Delta \log$	0.249	1.361
EMPCHEM	Employment: chemical industry	$\Delta \log$	0.135	0.401
EMPMET	Employment: metal and machine industry	$\Delta \log$	0.364	1.256
EMPIND	Employment: manufacturing	$\Delta \log$	0.357	1.270
EMPCSTR	Employment: construction	$\Delta \log$	0.058	0.326
EMPTRA	Employment: trade (wholesale and retail)	$\Delta \log$	0.164	0.484
EMPREST	Employment: hotels and restaurants	$\Delta \log$	0.087	0.699
EMPCOMM	Employment: communication	$\Delta \log$	0.287	1.076
EMPFINA	Employment: financial services	$\Delta \log$	0.111	0.839
EMPINS	Employment: insurances	$\Delta \log$	0.008	0.737
EMPEUC2	Employment: education and research	$\Delta \log$	0.887	1.353
EMPADM	Employment: public administration and social insurances	$\Delta \log$	0.959	1.286
HOURS	Hours worked	$\Delta \log$	0.649	0.952
URATE	Unemployment rate	$\Delta \log$	0.437	0.896
REDHRS	Hours not worked because of <i>Kurzarbeit</i>		0.001	0.158
OVERTIME	Hours worked overtime	$\Delta \log$	0.091	0.681
PARTRATE	Participation rate	$\Delta \log$	0.649	1.261
HAPPR	Housing approvals	$\Delta \log$	0.633	0.154
HFINISH	Housing finished	$\Delta \log$	0.575	0.299
CIVENG	Civil engineering	$\Delta \log$	0.583	0.761
RESBUILD	Residential building	$\Delta \log$	0.041	1.005
OTHBUILD	Other construction	$\Delta \log$	0.114	0.302
HPAPP	Housing prices owner-occupied apartments	$\Delta \log$	0.402	1.009
HPINDU	Rents for industrial space	$\Delta \log$	0.271	0.789

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Table 2 – *continued from previous page*

Label	Description	Transf.	ADF (p-value)	KPSS (test)
HPRAPP	Prices for rental apartments	$\Delta \log$	0.190	0.700
HPROFF	Rents office space	$\Delta \log$	0.214	0.680
HPSFH	Housing prices single family houses	$\Delta \log$	0.225	0.797
UBS100	UBS 100 index	$\Delta \log$	0.802	1.205
MSCI	Morgan Stanley capital international: Switzerland	$\Delta \log$	0.896	1.223
TOTMAR	SMI	$\Delta \log$	0.837	1.228
CHFUSD	US Dollar in Swiss francs	$\Delta \log$	0.081	0.871
CHFEUR	Euro in Swiss francs (linked with ECU in Swiss francs and Deutschmark in Swiss francs)	$\Delta \log$	0.019	1.117
CHFJPY	Exchange rate: Japanese Yen in Swiss francs	$\Delta \log$	0.230	0.771
CHFUSDVOL	Exchange rate volatility: US Dollar in Swiss francs		0.000	0.478
CHFJPYVOL	Exchange rate volatility: Japanese Yen in Swiss francs		0.000	0.161
REER24	Real effective exchange rates (24 countries)		0.003	0.697
REEREUR	Real exchange rate: Euro in Swiss francs		0.008	0.651
REERUSD	Real exchange rate: US Dollar in Swiss francs		0.105	0.166
REERJPY	Real exchange rate: Japanese Yen in Swiss francs		0.144	0.270
ZSEIDG10	Yield of 10 year confederation bond		0.212	0.576
MRATE	Mortgage rates by cantonal banks		0.333	0.590
SPRSNB	Spread (10 year confederation bond - 3M Libor)		0.064	0.352
M1	Monetary aggregates: M1	$\Delta \log$	0.931	1.222
M2	Monetary aggregates: M2	$\Delta \log$	0.998	1.296
M3	Monetary aggregates: M3	$\Delta \log$	0.970	1.366
MB	Monetary Base	$\Delta \log$	0.971	1.048
NOTENUMLAUF	Banknotes in circulation	$\Delta \log$	1.000	1.326
MORTGAGE	Outstanding mortgage credit, domestic	$\Delta \log$	0.993	1.364
COVLOANS	Outstanding covered loans, domestic	$\Delta \log$	0.279	0.525
UNCOVLO	Outstanding loans, domestic	$\Delta \log$	0.658	0.995
IPI	Import price index	$\Delta \log$	0.093	0.132
PPI	Producer price index	$\Delta \log$	0.215	0.999
PCONS	Producer and import price index: consumer goods	$\Delta \log$	0.207	1.223
OIL	Oil price: Brent, USD per barrel	$\Delta \log$	1.000	0.498
SMPICRB	CRB commodity price index	$\Delta \log$	0.686	0.310
COPIHWWA	HWWA commodity price index	$\Delta \log$	0.924	0.245
EXPECON	Consumer sentiment: expected economic situation		0.009	0.261
EXPPRIC	Consumer sentiment: expected price development		0.012	0.261
EXPJOB	Consumer sentiment: expected job safety		0.049	0.345
EXPFIN	Consumer sentiment: expected financial situation		0.018	0.127
EXPTOT	Consumer sentiment: total		0.125	0.126
CONSFIN	Consumer sentiment: past financial situation		0.234	0.323
CONSECO	Consumer sentiment: past economic development		0.002	0.098
CONSPRI	Consumer sentiment: past price development		0.399	0.485
CONSSAVE	Consumer sentiment: opportunity to save		0.000	0.082
CONSPURCH	Consumer sentiment: opportunity to spend		0.018	0.516
KOF01	Manufacturing: outstanding orders		0.034	0.164
KOF03	Manufacturing: outstanding orders to previous month		0.000	0.173
KOF05	Manufacturing: new orders to previous month		0.000	0.118

Continued on next page

Table 2 – *continued from previous page*

Label	Description	Transf.	ADF (p-value)	KPSS (test)
KOF07	Manufacturing: expected new orders		0.031	0.772
KOF09	Manufacturing: production to previous month		0.000	0.081
KOF11	Manufacturing: expected production		0.004	0.457
KOF13	Manufacturing: expected activity		0.000	0.346
KOF17	Manufacturing: inventories intermediate goods		0.002	0.151
KOF19	Manufacturing: inventories finished goods to previous month		0.000	0.320
KOF21	Manufacturing: inventories finished goods		0.001	0.117
KOF23	Manufacturing: expected purchases of intermediate goods		0.025	0.286
KOF25	Manufacturing: capacity utilisation		0.013	0.132
KOF27	Manufacturing: revenues		0.007	0.374
KOF29	Manufacturing: technical production capacities to previous quarter		0.005	0.396
KOF31	Manufacturing: technical production capacities		0.027	0.683
KOF33	Manufacturing: expected purchase prices		0.044	0.454
KOFINDBS	Manufacturing: business sentiment		0.001	0.144
KOFRSEXP	Retail: expected sales		0.396	0.926
KOFRSBS	Retail: business sentiment		0.000	0.161
KOFRSJS	Retail: inventories		0.007	0.279
KOFRSLS	Retail: inventories to previous quarter		0.182	0.967
KOFRSEXP	Retail: expected purchases		0.123	0.931
KOFWSSAL	Wholesale: sales to previous year		0.001	0.157
KOFWSSTO	Wholesale: inventories to previous year		0.022	0.290
KOFWSJST	Wholesale: inventories		0.006	0.158
KOFWSDEL	Wholesale: delivery lags to previous year		0.000	0.166
KOFWSEXP	Wholesale: expected delivery lags		0.000	0.125
KOFWSEXP	Wholesale: expected purchase prices		0.010	0.382
KOFWSEXP	Wholesale: expected sales prices		0.016	0.509
KOFWSBS	Wholesale: business sentiment		0.001	0.137
NOISEC2	Manufacturing: new orders	$\Delta \log$	0.999	1.303
UOISEC2	Manufacturing: outstanding orders	$\Delta \log$	0.999	1.150
USGDP	GDP United States (real)	$\Delta \log$	0.999	1.361
JPGDP	GDP Japan (real)	$\Delta \log$	0.292	1.308
EMUGDP	GDP euro area (real)	$\Delta \log$	0.996	1.371
WORLDTRADE	World trade	$\Delta \log$	1.000	1.289
PMIUSA	PMI United States		0.002	0.038
MSCIWLD	Morgan Stanley capital international: world	$\Delta \log$	0.695	1.292

The ADF and KPSS tests are performed for the level of the series using a constant. KPSS critical values are 0.739 (1% level), 0.463 (5% level) and 0.347 (10% level). The null hypothesis is that the series is stationary. For the ADF test, the null hypothesis is that the series has a unit root.

4 Survey frequency SFSO

4.1 2011–

Landesindex der Konsumentenpreise, Dezember 2010=100

Anhang 4: Erhebungsplan

Warengruppe	Periodizität	Erhebungsmonate											
		J	F	M	A	M	J	J	A	S	O	N	D
1. Nahrungsmittel und alkoholfreie Getränke	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Früchte: Mandarinen, Steinobst, andere Früchte	Saisonal												
Gemüse: Chicorée, Spargeln	Saisonal												
2. Alkoholische Getränke und Tabak	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Tabakwaren	Vierteljährlich			X			X			X			X
3. Bekleidung und Schuhe	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Sommerkollektion (je nach Position)	Saisonal			X	X	X	X	X	X				
Winterkollektion (je nach Position)	Saisonal	X	X								X	X	X
Reinigung und Reparatur	Vierteljährlich		X			X			X				X
4. Wohnen und Energie	Vierteljährlich		X			X			X				X
Gebühren für Kehrrecht, Wasser, Abwasser	Aperiodisch*												
Heizöl	2x pro Monat	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Gas, Elektrizität, Fernwärme	Aperiodisch*												
Holz	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
5. Hausrat und laufende Haushaltsführung	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Dienstleistungen für Wohnungsreinigung	Vierteljährlich			X			X			X			X
6. Gesundheitspflege	Aperiodisch*												
Medikamente	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Medizinische Apparate und Geräte	Vierteljährlich	X			X			X				X	
Zahnärztliche Leistungen, Pflegeleistungen Spitex	Vierteljährlich	X			X			X			X		
7. Verkehr	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Treibstoff	2x pro Monat	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Service- und Reparaturarbeiten, Parkgebühren	Vierteljährlich	X			X			X			X		
Öffentlicher Verkehr	Aperiodisch*												
Taxi	Vierteljährlich	X			X			X			X		
8. Nachrichtenübermittlung	Aperiodisch*												
Telekomgeräte	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
9. Freizeit und Kultur	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Musikinstrumente	Vierteljährlich			X			X			X			X
Wintersportartikel	Saisonal	X	X							X	X	X	X
Tierärztliche Leistungen	Vierteljährlich			X			X			X			X
Sportveranstaltungen: Fussball	Jährlich								X				
Sportveranstaltungen: Eishockey	Halbjährlich			X						X			
Sport und Freizeitaktivitäten: Schwimmbäder	Jährlich						X						
Theater und Konzerte	Jährlich									X			
Bergbahnen und Skilifte	Halbjährlich						X						X
Radio- und Fernsehempfangsgebühren	Aperiodisch*												
10. Erziehung und Unterricht	Halbjährlich									X			X
Weiterbildungskurse	Halbjährlich			X						X			
11. Restaurants und Hotels	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Kantinen, Parahotellerie	Vierteljährlich	X			X			X			X		
12. Sonstige Waren und Dienstleistungen	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Coiffeur- und Kosmetikleistungen, Kinderkrippen	Vierteljährlich		X			X			X				X
Versicherungen	Aperiodisch*												
Finanzielle und sonstige Dienstleistungen	Vierteljährlich		X			X			X				X

* Aperiodisch: Preisveränderungen werden indexwirksam zum Zeitpunkt ihrer Inkrafttretung (insb. bei Tarifen und Gebühren).

Source: Swiss Federal Statistical Office (2010),

www.bfs.admin.ch/bfs/portal/de/index/news/publikationen.html?publicationID=4267

4.2 2008–2010

Landesindex der Konsumentenpreise, Dezember 2005 = 100

T3 Erhebungsplan

Warengruppe	Periodizität	Erhebungsmonate											
		J	F	M	A	M	J	J	A	S	O	N	D
1. Nahrungsmittel und alkoholfreie Getränke	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
2. Alkoholische Getränke und Tabak	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Tabak	Vierteljährlich			X			X		X			X	
3. Bekleidung und Schuhe	6x pro Jahr	X			X		X	X			X		X
Reinigung und Reparatur von Bekleidung	Vierteljährlich	X			X		X			X			
Reparatur von Schuhen	Vierteljährlich	X			X		X			X			
4. Wohnen und Energie	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Miete	Vierteljährlich		X			X		X			X		
Gebühren für Kehrrecht, Wasser, Abwasser	Aperiodisch*												
Gas, Elektrizität, Fernwärme	Aperiodisch*												
Heizöl	14-täglich	X	X	X	X	X	X	X	X	X	X	X	X
5. Hausrat und laufende Haushaltsführung	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Möbel und Einrichtungszubehör	6x pro Jahr	X		X			X	X		X			X
Wohnungsreinigung	Vierteljährlich			X			X		X				X
6. Gesundheitspflege	Aperiodisch*												
Medikamente und Sanitätsmaterial	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Medizinische Apparate und Geräte	Vierteljährlich	X			X		X			X			X
Zahnärztliche Leistungen	Vierteljährlich	X			X		X			X			X
7. Verkehr	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Treibstoff	14-täglich	X	X	X	X	X	X	X	X	X	X	X	X
Service und Reparaturarbeiten	Vierteljährlich	X			X		X			X			X
Parkgebühren	Vierteljährlich	X			X		X			X			X
Öffentlicher Verkehr: direkter Verkehr	Aperiodisch*												
Öffentlicher Verkehr: Verkehrsverbunde	Aperiodisch*												
Taxi	Vierteljährlich	X			X		X			X			X
8. Nachrichtenübermittlung	Aperiodisch*												
Telekomgeräte	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
9. Freizeit und Kultur	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Musikinstrumente	Vierteljährlich			X			X			X			X
Sportgeräte	6x pro Jahr	X			X		X	X		X			X
Sportveranstaltungen: Fussball	Halbjährlich						X		X				
Sportveranstaltungen: Eishockey	Halbjährlich								X				X
Sport und Freizeitaktivitäten: Schwimmbäder	Halbjährlich						X		X				
Sport und Freizeitaktivitäten: Kunsteisbahn	Halbjährlich								X				X
Kino, Theater, Konzerte, Freizeitkurse	Vierteljährlich				X		X		X				X
Radio- und Fernsehkonzessionen	Aperiodisch*												
Bücher, Zeitungen, Zeitschriften	Vierteljährlich				X		X		X				X
10. Erziehung und Unterricht	Halbjährlich								X				X
Weiterbildungskurse	Vierteljährlich			X			X		X				X
11. Restaurants und Hotels	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Personalrestaurants, Kantinen	Vierteljährlich	X			X		X			X			X
Ferienwohnungen	Vierteljährlich	X			X		X			X			X
Campingplätze, Jugendherbergen	Jährlich				X		X						
12. Sonstige Waren und Dienstleistungen	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Coiffeurleistungen	Vierteljährlich		X		X		X			X			X
Soziale Einrichtungen	Vierteljährlich		X		X		X			X			X
Versicherungen	Aperiodisch*												
Finanzdienstleistungen	Vierteljährlich		X		X		X			X			X

* Aperiodisch: Preiseveränderungen werden indexwirksam zum Zeitpunkt ihres Inkrafttretens (insb. bei Tarifen und Gebühren).

Source: Swiss Federal Statistical Office (2010),

www.bfs.admin.ch/bfs/portal/de/index/news/publikationen.html?publicationID=3831

4.3 2006–2008

Landesindex der Konsumentenpreise, Dezember 2005 = 100

Erhebungsplan

Warengruppe	Periodizität	Erhebungsmonate											
		J	F	M	A	M	J	J	A	S	O	N	D
1. Nahrungsmittel und alkoholfreie Getränke	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
Dauerbackwaren	Vierteljährlich		X			X		X			X		
Konserven	Vierteljährlich		X			X		X			X		
Tiefgekühlte Produkte	Vierteljährlich		X			X		X			X		
Süßwaren	Vierteljährlich		X			X		X			X		
Sonstige Nahrungsmittel	Vierteljährlich		X			X		X			X		
Löslicher Kaffee und Nährgetränke	Vierteljährlich		X			X		X			X		
Mineralwasser, Süßgetränke und Säfte	Vierteljährlich		X			X		X			X		
2. Alkoholische Getränke und Tabak	Vierteljährlich			X			X		X			X	
3. Bekleidung und Schuhe	Vierteljährlich	X			X			X			X		
4. Wohnen und Energie	Vierteljährlich		X			X		X			X		
Heizöl	14-täglich	X	X	X	X	X	X	X	X	X	X	X	
Gebühren für Kehricht, Wasser, Abwasser	Aperiodisch*												
Gas, Elektrizität, Fernwärme	Aperiodisch*												
Holzpellets	Halbjährlich				X						X		
5. Hausrat und laufende Haushaltsführung	Vierteljährlich			X			X		X			X	
6. Gesundheitspflege	Vierteljährlich	X			X			X			X		
Ärztliche Leistungen	Aperiodisch*												
Andere Gesundheitsleistungen	Aperiodisch*												
Spitalleistungen	Aperiodisch*												
7. Verkehr	Vierteljährlich	X			X			X			X		
Treibstoff	14-täglich	X	X	X	X	X	X	X	X	X	X	X	
Öffentlicher Verkehr: direkter Verkehr	Aperiodisch*												
Öffentlicher Verkehr: Verkehrsverbunde	Aperiodisch*												
8. Nachrichtenübermittlung	Vierteljährlich			X			X		X			X	
Postdienste	Aperiodisch*												
Telekommunikation	Aperiodisch*												
9. Freizeit und Kultur	Vierteljährlich			X			X		X			X	
Sportgeräte	Vierteljährlich	X			X			X			X		
Sportveranstaltungen: Fussball	Halbjährlich					X			X				
Sportveranstaltungen: Eishockey	Halbjährlich								X			X	
Sport und Freizeitaktivitäten: Schwimmbäder	Halbjährlich					X			X				
Sport und Freizeitaktivitäten: Kunsteisbahn	Halbjährlich								X			X	
Radio- und Fernsehkonzessionen	Aperiodisch*												
10. Erziehung und Unterricht	Halbjährlich			X					X				
Weiterbildungskurse	Vierteljährlich			X		X			X			X	
11. Restaurants und Hotels	Vierteljährlich	X			X			X			X		
Jugendherbergen	Halbjährlich	X						X					
12. Sonstige Waren und Dienstleistungen	Vierteljährlich		X			X		X				X	

* Aperiodisch: Preiseveränderungen werden indexwirksam zum Zeitpunkt ihrer Inkrafttretung (insb. bei Tarifen und Gebühren).

Source: Swiss Federal Statistical Office (2006),

www.bfs.admin.ch/bfs/portal/de/index/news/publikationen.html?publicationID=2121

4.4 2000–2005

Der neue Landesindex der Konsumentenpreise Mai 2000 = 100

Anhang 5: Erhebungsplan

Warengruppe	Periodizität	Erhebungsmonate											
		J	F	M	A	M	J	J	A	S	O	N	D
1. Nahrungsmittel und alkoholfreie Getränke Dauerbackwaren Konserven Tiefgekühlte Produkte Süßwaren Sonstige Nahrungsmittel Löslicher Kaffee und Nährgetränke Mineralwasser, Süßgetränke und Säfte	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
	Vierteljährlich			X			X			X			X
	Vierteljährlich			X			X			X			X
	Vierteljährlich			X			X			X			X
	Vierteljährlich			X			X			X			X
	Vierteljährlich			X			X			X			X
	Vierteljährlich			X			X			X			X
	Vierteljährlich			X			X			X			X
2. Alkoholische Getränke und Tabak	Vierteljährlich			X			X			X			X
3. Bekleidung und Schuhe	Vierteljährlich		X			X			X			X	
4. Wohnen und Energie Heizöl Gebühren für Kehrrecht, Wasser, Abwasser Gas, Elektrizität, Fernwärme	Vierteljährlich		X			X			X			X	
	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
	Aperiodisch*												
5. Hausrat und laufende Haushaltführung	Vierteljährlich			X			X			X			X
6. Gesundheitspflege Arztliche Leistungen Andere Gesundheitsleistungen Spitalleistungen	Vierteljährlich	X			X			X			X		
	Aperiodisch*												
	Aperiodisch*												
7. Verkehr Treibstoff Eisenbahn (SBB) Öffentlicher Regionalverkehr	Vierteljährlich	X			X			X			X		
	Monatlich	X	X	X	X	X	X	X	X	X	X	X	X
	Aperiodisch*												
8. Nachrichtenübermittlung Postdienste Telekommunikation	Vierteljährlich			X			X			X			X
9. Freizeit und Kultur Sportveranstaltungen : Fussball Sportveranstaltungen : Eishockey Sport und Freizeitaktivitäten : Schwimmbäder Sport und Freizeitaktivitäten : Kunsteisbahn Radio- und Fernsehkonzessionen	Vierteljährlich			X			X			X			X
	Jährlich						X						
	Jährlich									X			
	Halbjährlich						X			X			
	Aperiodisch*									X			
10. Erziehung und Unterricht	Halbjährlich			X						X			
11. Restaurants und Hotels Zelt- und Wohnwagenplätze Jugendherbergen	Vierteljährlich	X			X			X			X		
	Jährlich				X								
	Halbjährlich	X						X					
12. Sonstige Waren und Dienstleistungen	Vierteljährlich		X			X			X			X	

* Aperiodisch: Preisveränderungen werden indexwirksam zum Zeitpunkt ihrer Inkraftsetzung (insb. bei Tarifen und Gebühren).

Source: Swiss Federal Statistical Office (2000),

www.bfs.admin.ch/bfs/portal/de/index/news/publikationen.html?publicationID=1531

4.5 1993–2000

Der neue Landesindex der Konsumentenpreise: Mai 1993 = 100

Anhang 4: Erhebungsplan

Warengruppe	Periodizität	1	2	3	4	5	6	7	8	9	10	11	12
		J	F	M	A	M	J	J	A	S	O	N	D
1. Nahrungsmittel, Getränke, Tabakwaren													
Brot, Mehl und Nahrungsmittel	monatlich	x	x	x	x	x	x	x	x	x	x	x	x
Dauerbackwaren	vierteljährlich			x			x			x			x
Fleisch, Fleischwaren	monatlich	x	x	x	x	x	x	x	x	x	x	x	x
Fisch, Fischwaren	monatlich	x	x	x	x	x	x	x	x	x	x	x	x
Milch, Käse, Eier	monatlich	x	x	x	x	x	x	x	x	x	x	x	x
Speisefette und -öle	monatlich	x	x	x	x	x	x	x	x	x	x	x	x
Früchte, Gemüse, Kartoffeln	monatlich	x	x	x	x	x	x	x	x	x	x	x	x
Konserven und Tiefkühlprodukte	vierteljährlich			x			x			x			x
Bohnenkaffee, Tee, Schokolade, Speiseeis, Zucker	monatlich	x	x	x	x	x	x	x	x	x	x	x	x
Restliche Nahrungsmittel	vierteljährlich			x			x			x			x
Alkoholische Getränke	vierteljährlich			x			x			x			x
Alkoholfreie Getränke	vierteljährlich			x			x			x			x
Tabakwaren	vierteljährlich			x			x			x			x
2. Bekleidung und Schuhe													
Kleider	halbjährlich					x							x
Unterwäsche	vierteljährlich		x			x			x				x
Bekleidungszubehör	vierteljährlich		x			x			x				x
Reparaturen von Bekleidung	vierteljährlich		x			x			x				x
Schuhe	halbjährlich					x							x
Schuhreparaturen	vierteljährlich		x			x			x				x
3. Wohnungsmiete und Energie													
Wohnungsmiete	vierteljährlich		x			x			x				x
Energie													
Heizöl	monatlich	x	x	x	x	x	x	x	x	x	x	x	x
4. Wohnungseinrichtung													
Möbel und Einrichtungszubehör	vierteljährlich			x			x			x			x
Heimtextilien, Haushaltwäsche und Zubehör													
Elektrische Haushaltsmaschinen und -apparate													
Nichtelektrische Geräte und sonstige Haushaltgegenstände													
Waren für laufende Haushaltsführung													
Dienstleistungen für die Haushaltsführung													
5. Gesundheitspflege													
Ärztliche Leistungen	vierteljährlich	x			x			x			x		
Zahnärztliche Leistungen													
Spitalleistungen													
Medikamente													
Paramedizinische Leistungen													
Medizinische Apparate und Geräte													
6. Verkehr und Kommunikation													
vierteljährlich	x			x			x			x			
Automobile, Mofas und Motorräder													
Treibstoff	monatlich	x	x	x	x	x	x	x	x	x	x	x	x
Transportdienstleistungen													
Kommunikation													
7. Unterhaltung, Erholung, Bildung und Kultur													
vierteljährlich			x			x			x				x
Geräte für Unterhaltungszwecke													
Zubehör für Unterhaltungszwecke													
Sonstige Waren für Unterhaltungszwecke													
Dienstleistungen für Unterhaltungszwecke													
Bücher, Zeitungen und Zeitschriften													
Unterrichtsleistungen													
8. Übrige Waren und Dienstleistungen													
vierteljährlich		x			x			x				x	
Körperpflege													
Übrige Waren													
Gast- und Beherbergungsstätten													
Übernachtungen, Hotellerie	jährlich												x
Übernachtungen, Parahotellerie	halbjährlich		x						x				
Pauschalreisen													

Source: Swiss Federal Statistical Office (1993)

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