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## 20120416 - Referential GBP based on CPI (2011e)

[Technology] [[<Normal page](#)] [**PEREZGONZALEZ Jose D (2011)**. *Referential GBP based on CPI (2011e)*<sup>3</sup>. Journal of Knowledge Advancement & Integration ([ISSN 1177-4576](#)), 2012, pages 121-122.]

### Referential GBP

The following table provides the inflator/deflator multiplier for calculating [referential British pounds](#) (rGBP, r£). It is based on the average annual CPI for Great Britain (*Rate Inflation, 2011*<sup>2</sup>). The formula is the following:

$$\text{rGBP} = \text{nominal GBP} + (\text{nominal GBP} * \text{multiplier})$$

Year	CPI A.Avg	Base 2010	multiplier
1988	63.5	114.5	0.8031
1989	66.8	114.5	0.7141
1990	71.5	114.5	0.6014
1991	76.8	114.5	0.4909
1992	80.1	114.5	0.4295
1993	82.1	114.5	0.3946
1994	83.8	114.5	0.3663
1995	86.0	114.5	0.3314
1996	88.1	114.5	0.2997
1997	89.7	114.5	0.2765
1998	91.1	114.5	0.2569
1999	92.3	114.5	0.2405
2000	93.1	114.5	0.2299
2001	94.2	114.5	0.2155
2002	95.4	114.5	0.2002
2003	96.7	114.5	0.1841
2004	98.0	114.5	0.1684
2005	100.0	114.5	0.1450
2006	102.3	114.5	0.1193
2007	104.7	114.5	0.0936
2008	108.5	114.5	0.0553
2009	110.8	114.5	0.0334
2010	114.5	114.5	0.0000
2011	119.6	114.5	-0.0426
2012*	123.2	114.5	-0.0705

2013*	126.9	114.5	-0.0976
2014*	130.7	114.5	-0.1239
2015*	134.6	114.5	-0.1494
2016*	138.6	114.5	-0.1742
2017*	142.8	114.5	-0.1982
2018*	147.1	114.5	-0.2216
2019*	151.5	114.5	-0.2443
2020*	156.1	114.5	-0.2663
2021*	160.7	114.5	-0.2876

(\*It assumes a 3% inflation rate for each year after 2011. These multipliers should be substituted with their real inflation values as soon as they are known.)

## References

1. **PEREZGONZALEZ Jose D (2010)**. *Referential GBP based on CPI (2010e)*. Journal of Knowledge Advancement & Integration (ISSN 1177-4576), 2011, pages 97-98.
2. **RATE INFLATION (2011)**. *UK - Consumer Price Index (CPI) history*. Retrieved from [Rate Inflation](#) on 16 April 2012.

+++ **Footnotes** +++

3. The 2011 edition updates the 2010 edition<sup>1</sup> with the official CPI values for that year.

## Want to know more?

### [British pound inflation calculator](#)

Handy online calculator for estimating the value of the pound over time. Safalra's historical UK inflation price conversion calculator includes inflation for 2010; thus, using it as your base year, you can estimate historical referential British pounds (rGBP, r£) with easy.

### [MeasuringWorth](#)

A handy website to learn about different inflation indexes and calculate the value of money according to those indexes.

### [Wiki of Science - Referential currency \(list of topics\)](#)

This Wiki of Science page provides a list of topics related to referential currencies.

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