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20120419 - Referential AUD based on CPI (2011e)

[Technology] [[<Normal page](#)] [**PEREZGONZALEZ Jose D (2011)**. [Referential AUD based on CPI \(2011e\)](#)³. Journal of Knowledge Advancement & Integration ([ISSN 1177-4576](#)), 2012, pages 130-132.]

Referential AUD

The following table provides the inflator/deflator multiplier for calculating [referential AUS dollars](#) (rAUD, r\$). It is based on the average annual CPI, weighted average of 8 capital cities, for all groups (*Rate Inflation, 2011*²). The formula is the following:

$$rAUD = \text{nominal AUD} + (\text{nominal AUD} * \text{multiplier})$$

Year	CPI A.Avg	Base 2010	multiplier
1948	6.8	172.6	24.3824
1949	7.2	172.6	22.9722
1950	7.9	172.6	20.8481
1951	9.4	172.6	17.3617
1952	11.0	172.6	14.6909
1953	11.5	172.6	14.0087
1954	11.6	172.6	13.8793
1955	11.9	172.6	13.5042
1956	12.6	172.6	12.6984
1957	12.9	172.6	12.3798
1958	13.0	172.6	12.2769
1959	13.3	172.6	11.9774
1960	13.8	172.6	11.5072
1961	14.1	172.6	11.2411
1962	14.1	172.6	11.2411
1963	14.2	172.6	11.1549
1964	14.5	172.6	10.9034
1965	15.1	172.6	10.4305
1966	15.5	172.6	10.1355
1967	16.0	172.6	9.7875
1968	16.5	172.6	9.4606
1969	17.0	172.6	9.1529
1970	17.6	172.6	8.8068
1971	18.6	172.6	8.2796
1972	19.8	172.6	7.7172

1973	21.6	172.6	6.9907
1974	24.9	172.6	5.9317
1975	28.7	172.6	5.0139
1976	32.5	172.6	4.3108
1977	36.5	172.6	3.7288
1978	39.4	172.6	3.3807
1979	43.0	172.6	3.0140
1980	47.3	172.6	2.6490
1981	51.9	172.6	2.3256
1982	57.7	172.6	1.9913
1983	63.5	172.6	1.7181
1984	66.0	172.6	1.6152
1985	70.5	172.6	1.4482
1986	76.9	172.6	1.2445
1987	83.4	172.6	1.0695
1988	89.4	172.6	0.9306
1989	96.2	172.6	0.7942
1990	103.2	172.6	0.6725
1991	106.5	172.6	0.6207
1992	107.6	172.6	0.6041
1993	109.5	172.6	0.5763
1994	111.6	172.6	0.5466
1995	116.8	172.6	0.4777
1996	119.8	172.6	0.4407
1997	120.1	172.6	0.4371
1998	121.1	172.6	0.4253
1999	122.9	172.6	0.4044
2000	128.4	172.6	0.3442
2001	134.0	172.6	0.2881
2002	138.1	172.6	0.2498
2003	141.9	172.6	0.2163
2004	145.2	172.6	0.1887
2005	149.1	172.6	0.1576
2006	154.4	172.6	0.1179
2007	158.0	172.6	0.0924
2008	164.8	172.6	0.0473
2009	167.8	172.6	0.0286
2010	172.6	172.6	0.0000
2011	178.5	172.6	-0.0331

2012*	183.9	172.6	-0.0612
2013*	189.4	172.6	-0.0886
2014*	195.1	172.6	-0.1151
2015*	200.9	172.6	-0.1409
2016*	206.9	172.6	-0.1659
2017*	213.1	172.6	-0.1902
2018*	219.5	172.6	-0.2138
2019*	226.1	172.6	-0.2367
2020*	232.9	172.6	-0.2589
2021*	239.9	172.6	-0.2805

(*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 AUD based on CPI*. Journal of Knowledge Advancement & Integration (ISSN 1177-4576), 2011, pages 95-96.
2. **RATE INFLATION (2011)**. *Australia - Consumer Price Index (CPI) history*. Retrieved from [Rate Inflation](#) on 16 April 2012.
+++ **Footnotes** +++
3. The 2011 edition updates the 2010 edition¹ with the official CPI values for that year, and expands calculations back to 1948.

Want to know more?

[Australian inflation calculator](#)

Handy online calculator for estimating the value of the Australian dollar over time. The Reserve Bank of Australia's calculator includes inflation for 2010; thus, using it as your base year, you can estimate historical referential Australian dollars (rAUD, 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 (including to a full explanation of the concept of referential currency, thus, of referential dollars).

Author

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