

XI. Loss of purchasing power of money

1. Loss of purchasing power depending on the inflation rate*

Loss of purchasing power in % after ... years in case of an annual inflation rate of ... %

Years	Inflation rate					
	1.0	2.0	3.0	4.0	5.0	6.0
1	1.0	2.0	2.9	3.8	4.8	5.7
2	2.0	3.9	5.7	7.5	9.3	11.0
3	2.9	5.8	8.5	11.1	13.6	16.0
4	3.9	7.6	11.2	14.5	17.7	20.8
5	4.9	9.4	13.7	17.8	21.6	25.3
6	5.8	11.2	16.3	21.0	25.4	29.5
7	6.7	12.9	18.7	24.0	28.9	33.5
8	7.7	14.7	21.1	26.9	32.3	37.3
9	8.6	16.3	23.4	29.7	35.5	40.8
10	9.5	18.0	25.6	32.4	38.6	44.2
11	10.4	19.6	27.8	35.0	41.5	47.3
12	11.3	21.2	29.9	37.5	44.3	50.3
13	12.1	22.7	31.9	39.9	47.0	53.1
14	13.0	24.2	33.9	42.3	49.5	55.8
15	13.9	25.7	35.8	44.5	51.9	58.3
16	14.7	27.2	37.7	46.6	54.2	60.6
17	15.6	28.6	39.5	48.7	56.4	62.9
18	16.4	30.0	41.3	50.6	58.4	65.0
19	17.2	31.4	43.0	52.5	60.4	66.9
20	18.0	32.7	44.6	54.4	62.3	68.8
30	25.8	44.8	58.8	69.2	76.9	82.6

Years	Inflation rate					
	7.0	8.0	9.0	10.0	15.0	20.0
1	6.5	7.4	8.3	9.1	13.0	16.7
2	12.7	14.3	15.8	17.4	24.4	30.6
3	18.4	20.6	22.8	24.9	34.2	42.1
4	23.7	26.5	29.2	31.7	42.8	51.8
5	28.7	31.9	35.0	37.9	50.3	59.8
6	33.4	37.0	40.4	43.6	56.8	66.5
7	37.7	41.7	45.3	48.7	62.4	72.1
8	41.8	46.0	49.8	53.3	67.3	76.7
9	45.6	50.0	54.0	57.6	71.6	80.6
10	49.2	53.7	57.8	61.4	75.3	83.8
11	52.5	57.1	61.2	65.0	78.5	86.5
12	55.6	60.3	64.4	68.1	81.3	88.8
13	58.5	63.2	67.4	71.0	83.7	90.7
14	61.2	66.0	70.1	73.7	85.9	92.2
15	63.8	68.5	72.5	76.1	87.7	93.5
16	66.1	70.8	74.8	78.2	89.3	94.6
17	68.3	73.0	76.9	80.2	90.7	95.5
18	70.4	75.0	78.8	82.0	91.9	96.2
19	72.3	76.8	80.6	83.6	93.0	96.9
20	74.2	78.5	82.2	85.1	93.9	97.4
30	86.9	90.1	92.5	94.3	98.5	99.6

Source: Bundesbank calculations. * The figures where loss of purchasing power accounts for roughly one-quarter or half are marked in colour (yellow or red).