

rok	i_z	ii_z	iii_z	iv_z	v_z	vi_z	vii_z	viii_z
1980	-4.2	1.0	2.7	6.6	11.6	16.4	17.1	17.9
1981	-3.4	-0.2	7.2	8.4	14.7	18.1	18.0	18.6
1982	-5.4	-1.6	4.6	7.1	14.5	17.8	19.6	19.1
1983	3.0	-2.3	5.1	10.9	15.2	17.5	22.1	19.9
1984	-0.6	-0.5	3.0	8.7	13.5	15.7	16.9	18.0
1985	-8.3	-5.1	3.3	9.1	15.5	14.7	19.0	18.2
1986	-1.1	-6.6	2.7	10.9	16.5	17.2	18.2	18.4
1987	-6.4	-0.4	-0.3	10.0	12.9	16.9	19.8	16.5
1988	1.9	1.9	2.7	9.7	16.2	17.4	20.0	19.2
1989	0.1	3.9	7.2	10.7	15.0	16.6	20.1	19.0
1990	-0.1	4.0	7.8	8.8	15.5	17.6	18.9	20.0
1991	0.0	-3.3	6.5	8.5	11.1	17.0	21.1	19.1
1992	0.9	2.9	4.8	9.6	15.5	19.1	21.4	23.4
1993	-0.2	-1.1	3.1	10.8	17.5	18.0	18.9	19.3
1994	2.5	0.4	7.1	10.2	14.9	19.0	23.5	20.8
1995	-0.7	4.1	3.8	10.4	14.8	17.2	22.6	19.8
1996	-3.2	-3.4	0.9	9.9	15.7	18.6	18.3	18.7
1997	-3.2	1.9	4.8	7.1	15.5	18.7	18.6	20.3
1998	1.4	4.0	4.3	11.6	15.5	19.7	20.1	20.1
1999	-0.4	0.0	6.4	11.2	15.7	18.2	21.2	19.2
2000	-1.7	3.2	5.2	13.9	17.2	20.0	17.8	20.7
2001	-0.1	1.4	5.2	9.1	17.0	16.6	20.6	20.6
2002	-0.4	4.2	5.9	9.9	18.1	19.7	21.5	20.6
2003	-1.2	-2.4	5.2	9.4	17.5	22.1	20.7	22.7
2004	-2.9	1.5	4.1	11.1	13.5	17.5	19.6	20.4
2005	0.4	-1.8	2.6	11.1	15.0	18.5	20.3	18.3
2006	-4.9	-1.8	1.7	10.8	14.8	19.3	23.6	17.0
2007	4.1	4.2	7.0	12.3	16.9	21.0	21.4	20.7
2008	1.9	3.0	4.5	10.3	15.7	20.0	20.5	19.9
2009	-2.6	0.6	5.1	14.4	15.6	17.6	20.8	20.6
2010	-3.2	-0.4	4.7	10.2	14.0	19.2	22.3	19.3
2011	-0.3	-0.6	5.4	12.2	15.3	19.7	19.2	20.5

ix_z	x_z	xi_z	xii_z	i_tr	ii_tr	iii_tr	iv_tr	v_tr
13.3	8.3	1.9	1.9	-0.7	-4.50	0.90	2.50	11.40
15.1	9.6	3.8	3.8	-1.8	-3.50	0.00	6.80	14.20
17.4	9.9	4.5	4.5	1.2	-5.40	-1.90	4.20	14.10
14.9	9.1	1.8	1.8	-0.7	3.20	-2.50	4.40	14.80
13.7	10.0	4.5	4.5	-0.9	-1.20	-0.80	2.60	12.90
14.0	8.6	0.6	0.6	2.0	-8.30	-5.10	3.10	15.10
13.1	9.1	4.3	4.3	-0.9	-1.10	-6.60	2.20	16.10
15.9	10.3	5.0	5.0	1.3	-7.00	-1.30	-0.90	12.20
14.4	9.6	0.4	0.4	1.8	1.30	1.40	2.00	15.50
15.2	9.9	2.6	2.6	0.3	-0.30	3.50	6.40	14.30
12.4	9.9	5.1	5.1	-0.1	-0.80	3.30	6.90	14.70
15.9	8.3	4.1	4.1	-1.4	-0.60	-4.40	5.50	10.60
15.3	8.0	4.1	4.1	-0.1	0.50	2.30	4.20	14.90
14.2	9.7	1.4	1.4	1.6	-0.80	-1.70	2.50	17.00
16.4	7.6	5.7	5.7	1.3	2.10	-0.40	6.50	14.30
13.7	11.2	1.9	1.9	-0.9	-1.20	3.50	3.20	14.20
11.5	10.4	5.8	5.8	-3.5	-4.10	-4.50	0.10	15.10
14.4	6.8	4.4	4.4	1.9	-4.00	1.50	4.30	15.00
14.4	9.4	1.3	1.3	-1.5	0.90	3.40	3.80	14.70
17.7	9.8	3.3	3.3	0.1	-0.90	-0.50	5.70	15.10
14.3	12.5	7.4	7.4	1.6	-2.00	2.90	4.90	16.20
12.8	12.2	2.8	2.8	-2.9	-0.50	1.10	4.70	16.30
14.0	8.0	6.4	6.4	-2.1	-0.90	4.00	5.20	17.10
14.8	7.1	6.0	6.0	0.3	-1.80	-2.60	4.80	17.20
14.7	11.0	4.7	4.7	0.5	-3.40	1.10	3.50	13.50
16.2	10.0	3.5	3.5	0.0	0.00	-2.50	1.90	14.30
16.8	11.3	6.8	6.8	2.9	-5.80	-2.50	1.50	14.30
12.9	8.6	2.9	2.9	0.0	3.80	3.60	6.40	16.30
14.1	9.7	6.6	6.6	2.1	1.50	2.40	3.90	15.30
17.0	8.9	5.9	5.9	0.4	-3.20	0.00	4.60	15.10
13.5	7.1	6.9	6.9	-3.2	-4.20	-1.10	4.20	13.60
16.7	9.3	2.9	2.9	2.3	-0.70	-1.10	4.70	14.40

vi_tr	vii_tr	viii_tr	ix_tr	x_tr	xi_tr	xii_tr
16.10	16.70	17.80	13.20	7.90	1.60	-0.70
18.00	17.80	18.10	14.80	9.20	3.80	-2.20
17.60	19.50	18.70	16.90	9.60	4.00	1.10
17.40	21.60	19.70	14.40	8.60	1.10	-1.50
15.30	16.60	17.50	13.30	9.50	4.50	-1.20
14.40	18.80	17.80	13.90	8.30	0.40	1.60
17.20	17.80	18.10	13.10	8.60	4.10	-1.00
16.30	19.20	16.10	15.60	9.80	4.60	1.00
16.70	19.30	18.70	14.20	8.90	-0.10	1.60
16.10	19.40	18.60	14.90	9.50	1.90	-0.40
16.90	18.20	19.20	12.20	9.20	4.70	-0.80
16.40	20.80	18.50	15.30	7.90	3.50	-1.90
18.40	20.60	22.70	14.70	7.50	3.70	-0.80
17.40	18.30	18.90	13.50	9.30	0.70	1.00
18.20	22.80	20.50	16.00	7.20	5.40	0.50
16.60	21.90	19.40	13.20	10.50	1.30	-1.70
17.80	17.40	18.10	11.40	10.00	5.20	-4.40
18.00	18.10	19.60	14.00	6.60	3.90	1.50
19.10	19.70	19.40	14.20	9.10	0.90	-2.00
17.60	20.60	18.60	17.30	9.60	2.90	-0.50
19.30	17.50	20.50	14.20	12.10	6.70	1.10
16.10	20.20	20.30	13.10	12.20	2.50	-3.60
19.30	21.00	20.70	13.90	8.00	5.90	-2.80
21.30	20.50	22.20	14.80	6.70	5.60	-0.10
17.10	19.30	19.80	14.50	10.50	4.50	0.00
17.80	19.60	17.90	15.80	9.60	3.00	-0.60
18.80	23.20	16.80	16.60	11.10	6.40	2.40
20.10	20.80	20.40	12.60	8.30	2.30	-0.70
19.40	20.10	19.60	13.90	9.40	6.00	1.50
17.10	20.30	20.10	16.70	8.40	5.40	-0.20
18.50	21.70	18.30	12.80	6.60	6.10	-3.90
18.80	18.40	19.80	16.20	8.80	2.20	1.90

rok	i_tr	ii_tr	iii_tr	iv_tr	v_tr	vi_tr	vii_tr	viii_tr
1980	-4.50	0.90	2.50	6.20	11.40	16.10	16.70	17.80
1981	-3.50	0.00	6.80	7.80	14.20	18.00	17.80	18.10
1982	-5.40	-1.90	4.20	6.60	14.10	17.60	19.50	18.70
1983	3.20	-2.50	4.40	10.50	14.80	17.40	21.60	19.70
1984	-1.20	-0.80	2.60	8.10	12.90	15.30	16.60	17.50
1985	-8.30	-5.10	3.10	8.30	15.10	14.40	18.80	17.80
1986	-1.10	-6.60	2.20	10.70	16.10	17.20	17.80	18.10
1987	-7.00	-1.30	-0.90	9.20	12.20	16.30	19.20	16.10
1988	1.30	1.40	2.00	9.00	15.50	16.70	19.30	18.70
1989	-0.30	3.50	6.40	10.00	14.30	16.10	19.40	18.60
1990	-0.80	3.30	6.90	8.00	14.70	16.90	18.20	19.20
1991	-0.60	-4.40	5.50	7.60	10.60	16.40	20.80	18.50
1992	0.50	2.30	4.20	8.90	14.90	18.40	20.60	22.70
1993	-0.80	-1.70	2.50	10.00	17.00	17.40	18.30	18.90
1994	2.10	-0.40	6.50	9.50	14.30	18.20	22.80	20.50
1995	-1.20	3.50	3.20	9.90	14.20	16.60	21.90	19.40
1996	-4.10	-4.50	0.10	9.30	15.10	17.80	17.40	18.10
1997	-4.00	1.50	4.30	6.60	15.00	18.00	18.10	19.60
1998	0.90	3.40	3.80	10.80	14.70	19.10	19.70	19.40
1999	-0.90	-0.50	5.70	10.80	15.10	17.60	20.60	18.60
2000	-2.00	2.90	4.90	13.20	16.20	19.30	17.50	20.50
2001	-0.50	1.10	4.70	8.40	16.30	16.10	20.20	20.30
2002	-0.90	4.00	5.20	9.60	17.10	19.30	21.00	20.70
2003	-1.80	-2.60	4.80	9.10	17.20	21.30	20.50	22.20
2004	-3.40	1.10	3.50	10.40	13.50	17.10	19.30	19.80
2005	0.00	-2.50	1.90	10.50	14.30	17.80	19.60	17.90
2006	-5.80	-2.50	1.50	10.60	14.30	18.80	23.20	16.80
2007	3.80	3.60	6.40	12.20	16.30	20.10	20.80	20.40
2008	1.50	2.40	3.90	9.90	15.30	19.40	20.10	19.60
2009	-3.20	0.00	4.60	13.90	15.10	17.10	20.30	20.10
2010	-4.20	-1.10	4.20	9.90	13.60	18.50	21.70	18.30
2011	-0.70	-1.10	4.70	11.70	14.40	18.80	18.40	19.80

ix_tr	x_tr	xi_tr	xii_tr
13.20	7.90	1.60	-0.70
14.80	9.20	3.80	-2.20
16.90	9.60	4.00	1.10
14.40	8.60	1.10	-1.50
13.30	9.50	4.50	-1.20
13.90	8.30	0.40	1.60
13.10	8.60	4.10	-1.00
15.60	9.80	4.60	1.00
14.20	8.90	-0.10	1.60
14.90	9.50	1.90	-0.40
12.20	9.20	4.70	-0.80
15.30	7.90	3.50	-1.90
14.70	7.50	3.70	-0.80
13.50	9.30	0.70	1.00
16.00	7.20	5.40	0.50
13.20	10.50	1.30	-1.70
11.40	10.00	5.20	-4.40
14.00	6.60	3.90	1.50
14.20	9.10	0.90	-2.00
17.30	9.60	2.90	-0.50
14.20	12.10	6.70	1.10
13.10	12.20	2.50	-3.60
13.90	8.00	5.90	-2.80
14.80	6.70	5.60	-0.10
14.50	10.50	4.50	0.00
15.80	9.60	3.00	-0.60
16.60	11.10	6.40	2.40
12.60	8.30	2.30	-0.70
13.90	9.40	6.00	1.50
16.70	8.40	5.40	-0.20
12.80	6.60	6.10	-3.90
16.20	8.80	2.20	1.90