

Statistical Appendix

Basic Indicators for HDI Calculation for the Slovak Republic (1999)

Indicators	Notice	1999
Life expectancy at birth	years	72.99
Adult literacy rate	%	99.00
Combined primary, secondary and tertiary enrolment ratio	%	75.03
Real GDP per capita ^a	PPP\$	10,950

Note: a. Preliminary data.

Partial Indices and the Final HDI for the Slovak Republic (1999)

Indices	1999
Life expectancy index	0.800
Educational attainment index	0.910
Adult literacy index	0.990
Gross enrolment index	0.750
Adjusted real GDP (PPP\$) index	0.784
Human Development Index HDI	0.831

Basic Indicators for GDI Calculation for the Slovak Republic (1999)

Indicators	Notice	Females	Males
Life expectancy at birth	years	77.03	68.95
Adult literacy rate	%	99.00	99.00
Combined primary, secondary and tertiary enrolment ratio	%	75.83	74.38
Real GDP per capita	PPP\$	8,587	13,447

Partial Indices and the Final GDI for the Slovak Republic (1999)

Indices	1999
Equally distributed life expectancy index	0.800
Equally distributed educational attainment index	0.910
Equally distributes income index	0.779
Gender-related Development Index GDI	0.829

Profile of Human Development

Indicators	Year	Value
Life expectancy at birth (years)	1999	72.99
Maternal mortality rate (per 100,000 live births)	1999	11
Population per doctor	1999	283
R&D scientists and technicians (per 10,000 people) ^a	1999	44.75
Tertiary full-time equivalent gross enrolment ratio (%)		
Total	1999	21.32
Female		21.72
Daily newspapers (copies per 100 people) ^b	1999	4,248
GDP per capita (current prices, USD)	1999	3,649

Note: a. Estimate by the Statistical Office of the SR. b. Includes total number of issued newspapers.

Profile of Human Distress

Indicators	Year	Value
Unemployment rate (%) ^a	1999	16.2
Youth unemployment rate (% , 15-24 years)	1999	32.10
Adults with less than upper-secondary education (as % of age 15-54F / 59M)	1991	47.50
Ratio income of highest 10% of households to lowest 10%	1999	4.47
Annual rate of inflation (%) ^b	1999	14.20
Injuries from road accidents (per 100,000 people)	1999	213
Reported homicides (per 100,000 people)	1999	2.6
Reported rapes (per 100,000 people)	1999	9.8
Sulphur dioxide emissions (kg of SO ₂ per capita) ^c	1999	31.47
Nitrogen oxides emissions (kg of NO _x per capita) ^c	1999	13.82

Note: a. Labor force surveys, annual average. b. Last month of the given period compared to the same month of the previous year (December). c. Data include stationary sources only.

Trends in Human Development

Indicators	1993	1994	1995	1996	1997	1998	1999
Life expectancy at birth (years)							
Total	72.51	72.41	72.37	72.84	72.81	72.66	72.99
Female	76.66	76.48	76.33	76.81	76.72	76.71	77.03
Male	68.35	68.34	68.40	68.88	68.90	68.62	68.95
Maternal mortality rate (per 100,000 live births)	12	6	8	5	3	9	11
Population per doctor	279	290	315	320	294	286	283
Tertiary full-time equivalent gross enrolment ratio (%)	17.7	18.0	19.4	20.8	22.5	23.6	21.7
Real GDP per capita (PPP\$)	5,620	6,389	...	7,323	7,910	10,500	10,460
Expenditure on education (as % of GDP)	5.26	4.43	5.10	4.97	4.53	4.28	4.35 ^a
Expenditure on health care (as % of GDP)	5.25	5.69	6.17	6.58	6.70	6.40	6.65 ^a

Note: a. Estimate by the Statistical Office of the SR.

Female – Male Gaps

Females as percentage of males	Year	Value
Life expectancy	1999	111.7
Population	1999	105.6
Duration of school attendance full-time study	1999	101.7
Secondary full-time enrolment ratio	1999	101.25
Upper secondary full-time graduates	1999	106.78
Tertiary enrolment ratio	1999	104.3
University enrolment ratio of all forms	1999	103.8
University natural and applied science full-time enrolment ratio	1999	101.23
Labor force	1999	81.9
Employment	1999	83.2
Unemployment	1999	84.0
Wages	1999	75.0

Status of Women

Indicator	Year	Value
Life expectancy at birth (years)	1999	77.03
Average age at first marriage (years)	1999	23.0
Maternal mortality rate (per 100,000 live births)	1999	11
Secondary enrolment ratio of women (%)	1999	84.29
Upper secondary full-time study graduates (as % of females of normal graduate age)	1999	72.08
University enrolment ratio of women (%)	1999	21.72
University full-time enrolment ratio of women (%)	1999	18.65
University natural and applied science full-time education (as % of females of normal graduate age)	1999	47.77
Women in labor force (as % of total labor force)	1999	45.0
Administrators and managers (% females)	1998	29.7 ^a
Parliament (% of seats occupied by women) ^b	1999	14

Note: a. Source: UNDP. b. September 1998 Parliamentary Elections (16 seats).

Demographic Profile I

Population as of Dec 31	1960	1997	1998	1999	2000 ^a
Total	4 018 405	5 387 650	5 393 382	5 398 657	5 408 691
Females	2 052 126	2 765 645	2 769 690	2 773 531	2 778 211
Males	1 966 279	2 622 005	2 623 692	2 625 126	2 630 480

Note: a. Estimate by the Statistical Office of the SR.

Demographic Profile II

Indicator	1960 - 1996	1960 - 1999	2000 - 2001 ^a
Annual population growth (%)	0.96	0.88	0.07

Note: a. Estimate by the Statistical Office of the SR.

Demographic Profile III

Indicator	1999
Dependency ratio (ratio of pre-productive and post-productive population to productive population, %)	60.62

Demographic Profile IV

Indicators	1993	1994	1995	1996	1997	1998	1999
Total fertility rate	1.920	1.663	1.520	1.471	1.430	1.378	1.311
Number of women using contraception	181,915	190,057	224,611	189,449	231,666	282,281	305,824
% of women using contraception at fertile age	13.17	13.58	15.88	13.27	16.13	19.57	21.11
Population aged 60 and over (%)	15.05	15.11	15.16	15.21	15.24	15.30	15.39
Life expectancy at age 60 (years)							
Total	18.21	17.92	17.80	18.08	18.14	18.02	18.16
Female	20.46	20.15	19.99	20.35	20.34	20.29	20.48
Male	15.95	15.68	15.61	15.81	15.93	15.76	15.84

Health Profile I

Indicators	1993	1994	1995	1996	1997	1998	1999
Deaths from circulatory system diseases (as % of all causes)	52.26	54.67	55.09	54.45	54.72	55.93	54.71
Deaths from malignant cancers (as % of all causes)	20.33	20.93	21.55	21.74	21.67	23.02	22.78
AIDS cases (per 100,000 people)	0.13	0.17	0.20	0.20	0.35	0.35	0.44
Regular smokers (%)							
Males	...	39	...	40	...	39 ^a	38 ^a
Females	...	16	...	17	...	19 ^a	20 ^a
Public expenditure on health (as % of total public expenditure)	8.3	10.9	11.4	12.0	14.1	14.3	14.5 ^a
Payments of health insurance companies and inhabitants to private health care facilities (as % of total expenditure on health)	...	...	...	...	44.9	47.1	49.1 ^a
Total expenditure on health (as % of GDP)	5.25	5.69	6.17	6.58	7.2	6.9	7.1 ^a

Note: a. Estimate by the Statistical Office of the SR.

Health Profile II

Consumption of selected foodstuffs and tobacco (per capita/year)	1970	1980	1990	1995	1996	1997	1998	1999^a
Alcohol (liters of pure alcohol per adult)	13.9	15.6	14.9	11.1	11.7	12.0	10.7	10.5
Tobacco (pieces of cigarettes per adult)	2,193	2,580	2,329	1,731	1,872	2,193	1,951	1,987
Coffee (kg)	0.7	1.5	2.2	2.2	2.6	2.4	3.1	3.3
Meat and meat products (kg)	60.3	75.8	84.0	63.7	65.0	66.1	65.9	64.8
Milk and milk products (kg)	194.4	211.3	226.3	162.4	162.1	161.8	162.5	161.4
Butter (kg)	4.3	6.1	6.4	3.2	2.9	2.9	3.1	2.9
Vegetable fats and oils (liters)	6.5	8.4	11.9	15.8	16.3	17.0	16.6	16.9

Note: a. Preliminary data.

Education Profile

Indicators	1994	1995	1996	1997	1998	1999
Enrolment ratio for all levels FTS (% age 6-22)	72.28	72.32	72.26	72.56	73.58	73.75
Upper secondary full-time enrolment ratio (%)	85.94	89.27	91.83	89.94	88.67	78.59
Upper secondary technical enrolment ratio FTS (as % of total upper-secondary)	42.20	41.58	40.27	39.18	37.98	38.40
Tertiary full-time enrolment ratio (%)	15.02	15.78	16.43	17.31	18.54	18.84
Tertiary natural and applied science enrolment FTS (as % of total tertiary)	64.20	65.36	65.72	64.82	65.09	63.27
Expenditure on tertiary education (as % of all levels)	15.35	16.26	12.28	...	13.97	14.10 ^a
Expenditure on higher education (as % of GDP)	...	...	0.59	...	0.60	0.61 ^a
Public expenditure per tertiary student (USD)	...	...	1,331 ^a	...	1,345 ^a	1,350 ^a
Total expenditure on education (as % of GDP)	4.43	5.10	5.07	4.75	4.50	4.52 ^a

Note: a. Estimate by the Statistical Office of the SR. FTS – full-time study.

Human Capital Formation I

Indicators	Year	Value
Scientists and technicians (per 1,000 people)	1999	51.80 ^a
R&D scientists and technicians (per 10,000 people)	1999	44.70 ^a
Expenditure on research and development (as % of GDP)	1999	0.84 ^a

Note: a. Estimate by the Statistical Office of the SR.

Human Capital Formation II

Indicators	1994	1995	1996	1997	1998	1999
Upper secondary graduates FTS (as % of population of normal graduate age: 17 years)	49.84	51.27	55.97	60.14	62.31	61.60
Tertiary graduates FTS (as % of population of normal graduate age: 22 years)	9.08	11.49	10.88	13.58	13.32	14.51
Science graduates (as % of all tertiary graduates) ^a						
Total	5.91	4.13	4.46	1.52	2.45	2.27
Female	3.21	2.30	3.09	0.96	1.61	1.58
Male	8.94	6.36	5.98	2.84	3.46	3.07

Note: a. Including part-time study.

Employment I

Indicators	1996	1997	1998	1999
Labor force (as % of total population)	46.5	46.2	46.2	47.7
Percentage of labor force in				
Agriculture	8.7	8.3	8.2	7.3
Industry (including construction)	38.6	37.7	36.2	37.0
Services	49.2	49.7	51.5	52.5
Not defined	3.5	4.3	4.1	3.2

Employment II

Indicators	1995	1996	1997	1998	1999
Future labor force replacement ratio (%) ^a	111	107	104	99	97
Real earnings per employee annual growth rate (%)	4.0	7.1	6.6	2.7	- 3.1
Percentage of labor force unionized	50.3	47.4	43.1	35.9	35.0 ^b
Weekly hours of work (per person in manufacturing)	32.3	32.5	32.3	33.0	33.1
Expenditure on labor market programs (as % of GDP) ^c	0.75	0.75	0.47	0.32	0.06

Note: a. Number of population under 15 divided by one third of population aged 15-54 females (15-59 males). b. Expert estimate by the Statistical Office of the SR. c. Expenditures on active labor market policy.

Unemployment				
Indicators	1996	1997	1998	1999
Unemployed persons (thousands)	284.2	297.5	317.1	416.8
Unemployment rate (%)				
Total	11.3	11.8	12.5	16.2
Female	12.7	12.8	13.2	16.4
Youth (15-24)	21.0	21.7	23.6	32.1
Male youth (15-19)	44.7	37.9	39.3	54.5
Incidence of long-term unemployment (as % of total)				
More than 6 months	67.9	65.8	67.1	68.0
More than 12 months	51.6	50.2	50.7	46.9
Unemployment benefits expenditure for registered unemployed (as % total public expenditures)	1.1	0.9	1.2	1.5
Ratio of unemployment rate of those with only primary education to those with tertiary education				
Males	14.3	11.3	12.4	8.7
Females	6.5	5.9	5.1	5.9

Natural Resources						
Indicators	1994	1995	1996	1997	1998	1999
Land area (thousands of km ²)	49,030	49,030	49,030	49,030	49,030	49,035
as % of land area:						
Agricultural land	49.9	49.9	49.8	49.8	49.8	49.8
Arable land	30.2	30.2	30.1	30.0	30.0	29.8
Permanent grassland	17.0	17.1	17.2	17.2	17.3	17.5
Non-agricultural land	50.1	50.1	50.2	50.1	50.2	50.2
Forest land	40.6	40.6	40.6	40.7	40.8	40.8
Agricultural land (km ²)	24,460	24,460	24,456	24,444	24,415	24,422
Irrigated land (as % of agricultural land)	2.8	2.2	1.5	1.2	2.2	1.8

National Income Accounts

Indicators	1995	1996	1997	1998	1999
GDP (SKK billion, current prices)	546.0	606.1	686.1	750.8	815.3
GDP (SKK billion, constant prices of 1995)	546.0	579.9	615.9	641.1	653.3
GDP (USD billions, calculated by the average exchange rate of the given period)	18.362	19.777	20.410	21.304	19.685
GDP per capita (USD)	3 423	3 680	3 791	3 952	3 649
Agricultural production (as % of GDP) ^a	5.3	4.8	4.8	4.6	4.9
Industrial production (as % of GDP) ^a	24.2	23.9	23.1	23.3	23.6
Services (as % of GDP) ^a	50.8	50.8	53.4	53.5	53.5
Share of private sector in GDP (%)	64.9	76.8	82.6	82.4	84.3
Consumption (as % of GDP)					
Private (Households)	50.8	51.8	51.5	52.1	51.2
Government	19.5	22.2	21.9	21.7	19.8
Gross domestic investment (as % of GDP)	27.3	32.9	31.8	36.5	32.2
Gross domestic savings (as % of GDP)	9.0	6.6	7.8	7.7	7.5
Tax revenues (as % of GDP)	25.4	24.3	22.3	21.3	22.1 ^b
Central government expenditure (as % of GDP)	33.2	33.3	33.3	27.5	27.4 ^b
Exports of goods and services (as % of GDP)	59.8	56.7	62.7	67.6	68.7
Imports of goods and services (as % of GDP)	58.0	64.0	68.1	78.5	72.4

Note: a. Based on added values. b. Estimate by the Statistical Office of the SR.

Trends in Economic Performance

Indicators	1995	1996	1997	1998	1999
Real GDP change (%)	6.7	6.2	6.2	4.1	1.9
Foreign trade balance (as % of GDP)	-,1.1	-,12.2	-,10.7	-,11.6	-,5.5
Annual rate of inflation (%)	7.2	5.4	6.4	5.6	10.6
Consumer price index (%) ^a	109.9	105.8	106.1	106.7	110.6
State budget deficit (as % of GDP)	-1.6	-4.4	-2.6	-2.7	-,2.1
Gross foreign debt (as % of GDP, cumulative)	31.7	39.5	48.5	55.9	53.4
In USD million	5,827	7,807	9,896	11,902	10,518
Inflow of foreign direct investment (as % of GDP)	1.1	1.0	0.2	2.0	1.7

Note: a. Previous year = 100. Sources: Statistical Office of the SR, National Bank of Slovakia.

Selected Human Development Indicators

Population	1993	1994	1995	1996	1997	1998	1999
Population (thousands)	5,336	5,356	5,368	5,379	5,388	5,393	5,399
Females (%)	51.3	51.3	51.3	51.3	51.3	51.4	51.4
Age structure (%)							
0-14	23.54	22.89	22.27	21.66	21.05	20.43	19.81
15-54 Females	28.47	28.75	29.00	29.22	29.44	29.67	29.87
15-59 Males	30.58	30.89	31.19	31.50	31.81	32.11	32.39
55 and more - Females	11.29	11.35	11.43	11.52	11.60	11.70	11.83
60 and more - Males	6.11	6.12	6.11	6.10	6.10	6.09	6.10
Marital status							
Females (%)							
Single	38.39	38.45	38.47	38.47	38.47	38.46	38.45
Married	46.19	45.91	45.66	45.41	45.19	45.08	44.96
Divorced	3.67	3.86	4.07	4.28	4.47	4.66	4.86
Widowed	11.75	11.78	11.80	11.84	11.87	11.80	11.73
Males (%)							
Single	46.57	46.65	46.71	46.77	46.80	46.83	46.85
Married	48.51	48.27	48.04	47.80	47.59	47.52	47.44
Divorced	2.70	2.86	3.05	3.24	3.41	3.55	3.70
Widowed	2.22	2.22	2.20	2.19	2.20	2.10	2.01
Live births (per 1,000 inhabitants)	13.8	12.4	11.4	11.2	11.0	10.7	10.4
Deaths (per 1,000 inhabitants)	9.9	9.6	9.8	9.5	9.7	9.9	9.7
Natural increase (per 1,000 inhabitants)	3.9	2.8	1.6	1.7	1.3	0.8	0.7
Total fertility rate (%)	1.920	1.663	1.520	1.471	1.430	1.378	1.311
Births outside marriage (percentage from total live births)	10.6	11.7	12.6	14.0	15.1	15.3	16.94
Marriages (per 1,000 inhabitants)	5.8	5.3	5.1	5.1	5.2	5.1	5.1
Divorces (per 1,000 inhabitants)	1.53	1.62	1.67	1.75	1.70	1.73	1.79
Divorces (per 100 marriages)	26.5	30.8	32.7	34.2	32.7	33.9	35.3
Reported abortions (per 100 live births)	61.9	61.9	58.2	51.4	46.8	46.1	45.4
Total births under 2500 gr.	...	...	4,142	4,079	3,764	3,897	3,867
Live births under 2500 gr.	...	...	3,995	3,939	3,635	3,733	3,725
New-born mortality rate	...	...	7.9	6.9	5.4	5.4	5.1
Deaths of mothers by XV. Class ICD-10	...	...	5	3	2	5	6
Maternal mortality per 100,000 live births	...	...	8.13	4.98	3.38	8.68	10.67
Child mortality (under 5 years)			2.2	2.1	1.9	2.1	1.9

Environment and Pollution							
Indicators	1993	1994	1995	1996	1997	1998	1999
Municipal waste (tons per 1,000 inhabitants)	437	356	454	589	672	715	690
Emissions of sulphur dioxide (kg of SO ₂ per capita)	59.8	44.0	44.0	41.7	37.4	33.2	31.5 ^a
Emissions of nitrogen oxides (kg of NO _x per capita)	34.5	32.3	33.7	25.9	22.9	24.1	13.8 ^a
Emissions of carbon monoxide (kg of CO per capita)	77.1	76.8	75.2	69.4	64.3	58.1	31.9 ^a
Population supplied with water from public water-supply systems (% of total population)	77.8	78.4	79.4	79.7	80.9	82.7	83.2 ^b
Population living in dwellings connected to public drainage (% of total population)	51.5	52.3	52.6	53.0	53.7	53.7	54.0 ^b
Treated waste water discharged into water courses (as % from total waste water)	...	67.0	69.9	72.1	77.2	65.7	67.3 ^b

Note: a. Data include stationary sources of pollution only. b. Expert estimate of the Statistical Office of the SR.

Crime and Personal Safety								
Indicators	1992	1993	1994	1995	1996	1997	1998	1999
Registered crimes (per 1,000 inhabitants)	19.8	27.4	25.7	21.3	18.1	17.1	17.4	17.4
Convicted individuals (%)								
Women	5.3	4.7	4.7	4.1	3.7	3.7	6.8	6.8
Juveniles	4.2	10.6	12.2	15.8	11.2	16.3	13.5	12.3
Habitual offenders	16.2	13.7	8.8	12.4	14.4	12.4	14.4	13.9