

Annex

Selected development and transport indicators for landlocked developing countries

Table 1
Gross domestic product and gross domestic product growth, 2000-2006

<i>Landlocked developing countries</i>	<i>Estimates of GDP at constant 1990 prices (millions of US dollars)</i>			<i>GDP per capita current (US dollars)</i>	<i>GDP average annual growth</i>		
	2000	2003	2006	2006	2000-2003	2003-2005	2006
Afghanistan	2 539	3 666	5 105	319	13.03	11.96	11.10
Armenia	1 463	2 069	3 563	2 128	12.25	21.35	16.93
Azerbaijan	3 835	5 179	9 701	2 362	10.53	18.02	34.47
Bhutan	466	591	729	1 422	8.24	6.63	8.48
Bolivia	7 047	7 544	8 510	1 101	2.30	4.10	4.10
Botswana	5 774	6 834	8 227	4 755	5.78	7.51	4.15
Burkina Faso	4 932	5 905	7 057	416	6.19	6.24	5.88
Burundi	970	1 023	1 143	114	1.79	2.61	6.13
Central African Republic	1 453	1 338	1 430	333	-2.71	1.74	3.25
Chad	2 172	3 004	4 485	634	11.42	20.47	2.87
Ethiopia	14 446	15 199	20 985	164	1.71	11.71	10.64
Kazakhstan	20 594	28 058	37 305	5 043	10.86	9.64	10.60
Kyrgyzstan	1 006	1 134	1 244	536	4.07	3.38	2.64
Lao People's Democratic Republic	1 593	1 887	2 323	599	5.81	7.11	7.30
Lesotho	867	939	1 022	725	2.69	3.51	1.59
Malawi	3 071	3 183	3 756	164	1.20	4.28	8.52
Mali	3 742	4 699	5 335	498	7.89	4.18	4.61
Moldova	1 380	1 684	2 021	876	6.86	7.44	3.96
Mongolia	1 251	1 398	1 658	1 076	3.77	8.87	0.06
Nepal	5 738	6 225	6 759	290	2.75	3.24	1.87
Niger	3 126	3 671	4 047	247	5.50	3.19	3.53
Paraguay	5 853	6 200	6 906	1 514	1.94	3.50	3.99
Rwanda	2 646	3 107	3 523	242	5.50	4.92	3.01
Swaziland	1 185	1 268	1 337	2 399	2.28	2.07	1.21
Tajikistan	1 091	1 472	1 854	424	10.50	8.50	6.98
The former Yugoslav Republic of Macedonia	4 215	4 173	4 702	3 096	-0.33	4.09	4.00
Turkmenistan	2 413	2 606	3 251	1 327	2.60	6.99	8.98
Uganda	7 152	8 479	10 124	346	5.84	6.02	6.22
Uzbekistan	14 469	16 426	20 660	598	4.32	7.42	8.99

	<i>Estimates of GDP at constant 1990 prices (millions of US dollars)</i>			<i>GDP per capita current (US dollars)</i>	<i>GDP average annual growth</i>		
	2000	2003	2006	2006	2000-2003	2003-2005	2006
<i>Landlocked developing countries</i>							
Zambia	4 002	4 523	5 354	938	4.16	5.67	6.02
Zimbabwe	9 267	7 743	6 895	133	-5.81	-3.28	-4.80
Landlocked developing countries	139 758	161 227	201 011	688	4.88	7.49	7.91
Developing countries^a	6 056 110	6 859 864	8 377 110	2 310	4.24	4.50	7.00

^a Does not include countries of the Commonwealth of Independent States.

Source: United Nations Statistics Division, *National Accounts Main Aggregates Database*, <http://unstats.un.org/unsd/snaama/introduction.asp> (accessed 10 February 2008). Rates of growth calculations by the Office of the High Representative for Least Developed Countries, Landlocked Developing Countries and Small Island Developing States.

Table 2
Official development assistance receipts and total donor assistance for transport, storage and communication

	<i>Net ODA receipts (millions of US dollars)</i>			<i>ODA/GNI (%)</i>	<i>Donor assistance for transport, storage and communication (millions of US dollars)</i>		
	2000	2004	2006	2006	2000	2003	2006
<i>Landlocked developing countries</i>							
Afghanistan	1 300	2 171	3 000	35.69	0.21	236.01	267.63
Armenia	293	254	213	3.28	40.01	1.06	67.17
Azerbaijan	349	176	206	1.18	0.06	0.11	3.31
Bhutan	73	78	94	10.17	9.71	16.13	4.16
Bolivia	680	770	581	5.38	31.13	51.06	4.99
Botswana	37	47	65	0.67	0.31	0.53	0.33
Burkina Faso	471	624	871	13.98	1.57	252.81	5.76
Burundi	172	362	415	52.83	0.04	0.05	31.26
Central African Republic	60	110	134	9.02	27.97	68.77	74.68
Chad	228	329	284	5.47	111.06	0.23	0.01
Ethiopia	1 297	1 806	1 947	14.66	35.94	185.37	374.72
Kazakhstan	188	268	172	0.25	154.10	0.19	0.51
Kyrgyzstan	186	261	311	11.77	22.19	1.09	6.60
Lao People's Democratic Republic	278	270	364	12.14	58.46	42.78	24.13
Lesotho	76	96	72	4.02	0.91	17.49	16.61
Malawi	376	501	669	30.47	5.20	22.27	34.06
Mali	466	568	825	13.44	25.22	2.66	0.98
Moldova	142	120	228	6.03	0.02	0.08	0.06
Mongolia	208	255	203	7.79	34.28	12.61	28.16
Nepal	361	428	514	6.25	30.47	6.41	67.37
Niger	297	541	401	11.00	33.25	10.77	32.79
Paraguay	57	22	56	0.61	..	0.39	2.14
Rwanda	354	486	585	23.63	1.20	22.50	47.33
Swaziland	22	22	35	1.30	0.83	0.08	0.06
Tajikistan	168	243	240	8.82	0.01	0.12	36.67
The former Yugoslav Republic of Macedonia	275	250	200	3.21	13.69	0.09	2.30
Turkmenistan	41	37	26	0.26	..	1.18	..
Uganda	710	1 194	1 551	16.92	57.17	4.30	45.85
Uzbekistan	189	246	149	0.87	0.00	12.57	0.13
Zambia	639	1 125	1 425	14.30	44.97	5.02	59.96
Zimbabwe	199	186	280	..	0.28	0.82	0.83
Landlocked developing countries	10 192	13 846	16 116		740.24	975.56	1 240.56
Transit developing countries	19 933	21 881	34 062		3 483.51	2 648.39	2 846.50

Abbreviations: ODA, official development assistance; GNI, gross national income.

Source: Richard Manning, Organization for Economic Cooperation and Development Development Assistance Committee, *Development Cooperation Report 2007* (Paris, 2008), table 25, and *CRS Online Database on Aid Activities*, <http://www.oecd/dac> (accessed 1 April 2008).

Table 3
Debt sustainability, and debt relief under the Heavily Indebted Poor Countries Initiative

	<i>External ratio of debt to exports of merchandise</i>		<i>External debt (% of GNI)</i>		<i>Debt relief by HIPC, February 2008 (millions of US dollars NPV)</i>
	<i>2003</i>	<i>2006</i>	<i>2003</i>	<i>2006</i>	
<i>Landlocked developing countries</i>					
Afghanistan	..	4.12	..	21.1	546
Armenia	2.58	2.06	61.0	32.0	
Azerbaijan	0.67	0.30	25.3	11.1	
Bhutan	3.66	2.04	78.8	75.9	
Bolivia	3.63	1.37	74.5	49.0	175
Botswana	0.18	0.09	6.8	4.1	
Burkina Faso	5.41	2.60	40.6	18.5	725
Burundi	35.25	24.04	230.1	162.2	864
Central African Republic	8.11	8.50	87.0	68.4	583
Chad	2.65	0.47	70.2	34.2	214
Ethiopia	14.65	2.29	91.3	17.5	2 446
Kazakhstan	1.76	1.83	78.3	103.4	
Kyrgyzstan	3.48	2.99	109.0	85.6	
Lao People's Democratic Republic	6.11	3.41	108.5	98.6	
Lesotho	1.46	0.97	54.9	35.8	
Malawi	5.90	1.57	130.0	27.2	1 278
Mali	3.36	1.06	74.1	26.0	707
Moldova	2.46	2.30	87.7	64.3	
Mongolia	2.39	0.94	102.5	47.4	
Nepal	4.78	4.49	50.0	37.8	
Niger	5.88	1.49	76.2	22.1	853
Paraguay	2.60	1.80	58.2	36.9	
Rwanda	24.42	3.04	93.0	16.9	872
Swaziland	0.24	0.26	20.6	20.4	
Tajikistan	1.45	0.82	78.7	42.5	
The former Yugoslav Republic of Macedonia	1.36	1.11	40.6	42.8	
Turkmenistan	0.48	0.17	29.5	8.9	
Uganda	8.07	1.26	74.1	13.6	1 349
Uzbekistan	1.54	0.69	49.1	22.7	
Zambia	6.93	0.63	162.5	23.9	3 279
Zimbabwe	2.68	2.40	62.2	..	
Landlocked developing countries	2.25	1.37	64.9	51.1	13 891
Transit developing countries	1.33	0.70	30.8	20.2	14 160
Low- and middle-income countries	1.37	0.82	37.3	26.4	45 512

Abbreviations: HIPC, Heavily Indebted Poor Countries Initiative; GNI, gross national income; NPV, net present value end 2006, as calculated by the World Bank.

Sources: World Bank, *World Development Indicators 2008* (Washington, D.C., 2008), tables 1.4, 4.4, 6.8 and 6.9, and *WDI and GDF Online*, <http://www.worldbank.org> (accessed 23 April 2008). Income grouping of countries from *ibid*.

Table 4
International merchandise trade, exports and imports

	<i>Export of merchandise (millions of US dollars)</i>		<i>Percentage of world</i>		<i>Imports of merchandise (millions of US dollars)</i>		<i>Percentage of world</i>	
	2003	2006	2003	2006	2003	2006	2003	2006
<i>Landlocked developing countries</i>								
Afghanistan	—	—	—	—	—	—	—	—
Armenia	670	1 004	0.01	0.01	1 235	2 194	0.02	0.02
Azerbaijan	2 592	6 372	0.04	0.06	2 626	5 267	0.04	0.05
Bhutan	..	..	..	..	..	..	..	..
Bolivia	1 651	4 223	0.02	0.04	1 684	2 825	0.02	0.02
Botswana	3 802	4 506	0.05	0.04	3 964	3 053	0.06	0.03
Burkina Faso	319	..	0.00	..	945	..	0.01	..
Burundi	66	..	0.00	..	145	..	0.00	..
Central African Republic	66	..	0.00	..	100	..	0.00	..
Chad	..	..	..	..	..	..	..	..
Ethiopia	513	1 043	0.01	0.01	2 686	5 207	0.04	0.05
Kazakhstan	12 927	38 244	0.18	0.34	8 408	23 663	0.12	0.21
Kyrgyzstan	582	794	0.01	0.01	717	1 718	0.01	0.02
Lao People's Democratic Republic	..	..	..	..	..	..	..	..
Lesotho	..	..	..	..	..	..	..	..
Malawi	502	668	0.01	0.01	785	1 209	0.01	0.01
Mali	1 007	..	0.01	..	1 271	..	0.02	..
Moldova	790	1 052	0.01	0.01	1 399	2 693	0.02	0.02
Mongolia	616	1 542	0.01	0.01	801	1 486	0.01	0.01
Nepal	653	..	0.01	..	1 802	..	0.03	..
Niger	228	..	0.00	..	560	..	0.01	..
Paraguay	1 242	1 906	0.02	0.02	2 228	5 879	0.03	0.05
Rwanda	50	..	0.00	..	261	..	0.00	..
Swaziland	1 732	..	0.02	..	1 432	..	0.02	..
Tajikistan	..	..	..	..	..	..	..	..
The former Yugoslav Republic of Macedonia	1 367	2 401	0.02	0.02	2 306	3 763	0.03	0.03
Turkmenistan	..	..	..	..	..	..	..	..
Uganda	532	962	0.01	0.01	1 375	2 557	0.02	0.02
Uzbekistan	..	..	..	..	..	..	..	..
Zambia	980	3 770	0.01	0.03	1 574	3 074	0.02	0.03
Zimbabwe	..	..	..	..	..	..	..	..
Landlocked developing countries	32 886	68 489	0.47	0.61	38 305	64 589	0.53	0.57
Transit developing countries	935 778	1 794 712	13.36	16.08	886 136	1 620 790	12.36	14.29
Developing countries^a	2 364 614	4 487 700	33.75	40.21	1 778 316	3 834 462	24.81	33.81
World	7 006 464	11 161 783	..	..	7 167 501	11 341 309	..	..

^a Includes countries of the Commonwealth of Independent States.

Source: United Nations Statistics Division, *UN comtrade*, <http://comtrade.un.org> (accessed 10 April 2008).

Table 5
International merchandise trade, exports and imports

	Roads		Railways	Waterways	Pipelines	Air transport	
	Kms	Paved (percentage)	Kms	Kms	Kms	Departures	
	2000-2006	2000-2006	2000-2006	2006-2007	2007	2000	2006
<i>Landlocked developing countries</i>							
Afghanistan	34 782	23.7	—	1 200 (<500 DWT)	466	—	—
Armenia	7 515	90.0	711	..	2 036	4 406	6 177
Azerbaijan	59 141	49.4	2 122	..	6 293	8 012	12 777
Bhutan	..	..	..	..	..	..	..
Bolivia	62 479	7.0	..	10 000	9 218	21 566	21 978
Botswana	24 455	33.2	888	..	..	6 703	6 905
Burkina Faso	92 495	4.2	622	..	..	..	..
Burundi	12 323	10.4	..	Lake Tanganyika	..	..	..
Central African Republic	24 307	..	..	2 800	..	..	..
Chad	33 400	0.8	..	wet season	250	..	..
Ethiopia	37 018	13.4	..	..	..	..	..
Kazakhstan	90 800	83.0	14 205	4 000	23 211	8 041	19 160
Kyrgyzstan	18 500	91.1	424	600	..	6 051	4 730
Lao People's Democratic Republic	31 210	14.4	..	4 600	540	..	..
Lesotho	5 940	18.3	..	..	..	..	..
Malawi	15 451	45.0	710	700	..	..	..
Mali	18 709	18.0	734	1 800	..	..	..
Moldova	12 737	86.3	1 075	424	1 980	3 682	4 248
Mongolia	49 250	3.5	1 810	580	..	..	..
Nepal	17 280	56.9	59	..	..	..	..
Niger	18 423	20.6	..	300 (wet season)	..	..	..
Paraguay	29 500	50.8	441	3 100	..	7 556	9 807
Rwanda	14 008	19.0	..	Lac Kivu (shallow)	..	..	..
Swaziland	3 594	30.0	301	..	..	2 586	..
Tajikistan	27 767	..	616	200	587	3 953	2 976
The former Yugoslav Republic of Macedonia	13 182	..	699	..	388	8 047	2 368
Turkmenistan	24 000	81.2	2 529	1 300	7 802	21 858	15 602
Uganda	70 746	23.0	261	200	..	..	..
Uzbekistan	81 600	87.3	4 014	1 100	10 593	30 075	21 514
Zambia	91 440	22.0	1 273	2 250	771	..	..
Zimbabwe	92 267	19.0	..	Lake Kariba	270	13 603	6 819
Landlocked developing countries	1 108 369	32.9	33 494	..	64 405	146 139	135 061

Sources: World Bank, *World Development Indicators 2008* (Washington, D.C., 2008), table 5.9, and *WDI and GDF Online*, <http://www.worldbank.org> (accessed 1 March 2008) and United States Central Intelligence Agency, *The World Factbook, Field Listing — Pipelines*, <http://www.cia.gov/library/publications/the-world-factbook/fields/2117.html> (accessed 1 February 2008).

Table 6
Selected telecommunications indicators

	Telephone lines and cellular subscribers per 100 population				Internet users per 100 population	Total annual investment in telecom. (millions of US dollars)	Telecom. equipment imports (millions of US dollars)
	Main lines		Cellular	Total			
	2000	2006					
<i>Landlocked developing countries</i>	2000	2006	2006	2006	2006	2006 ^a	2006 ^a
Afghanistan	0.1	0.3	8.1	8.4	1.7	165.1	—
Armenia	17.3	19.7	10.5	30.3	5.8	34.3	62.8
Azerbaijan	9.8	14.0	39.2	53.3	9.8	32.6	173.4
Bhutan	2.2	3.8	9.8	13.5	3.6	16.9	—
Bolivia	6.1	7.1	30.8	37.9	6.2	17.7	36.4
Botswana	8.3	7.8	46.8	54.6	4.6	404.0	53.2
Burkina Faso	0.5	0.7	7.5	8.2	0.6	202.6	21.1
Burundi	0.3	0.4	2.0	2.4	0.8	..	10.1
Central African Republic	0.3	0.3	2.5	2.8	0.3	0.1	3.1
Chad	0.1	0.1	4.7	4.8	0.6	..	..
Ethiopia	0.4	0.9	1.1	2.0	0.2	60.2	89.5
Kazakhstan	12.2	19.8	52.9	72.6	8.4	87.5	468.2
Kyrgyzstan	7.7	8.6	23.7	32.3	12.2	3.5	85.1
Lao People's Democratic Republic	0.8	1.5	16.7	18.2	1.2	30.0	..
Lesotho	1.2	3.0	20.0	23.0	2.9	1.8	12.5
Malawi	0.5	0.8	1.8	2.6	0.5	..	29.0
Mali	0.4	0.6	10.9	11.5	0.6	93.9	37.3
Moldova	13.7	24.3	32.4	56.7	17.4	90.2	48.9
Mongolia	5.0	5.9	28.9	34.9	11.6	24.9	35.2
Nepal	1.2	2.2	4.2	6.4	1.1	25.2	44.3
Niger	0.2	0.2	3.4	3.5	0.3	..	17.1
Paraguay	5.2	5.3	51.3	56.6	4.1	81.5	204.6
Rwanda	0.2	0.2	3.4	3.6	0.6	..	9.5
Swaziland	3.2	4.3	24.3	28.6	4.1	27.6	15.7
Tajikistan	3.6	4.3	4.1	8.4	0.3	6.5	2.8
The former Yugoslav Republic of Macedonia	25.3	24.1	69.6	93.7	13.2	45.1	52.6
Turkmenistan	8.2	8.2	4.4	12.7	1.3	7.3	45.6
Uganda	0.3	0.4	6.7	7.1	5.0	67.3	121.0
Uzbekistan	6.7	6.7	9.3	16.0	6.3	118.5	..
Zambia	0.8	0.8	14.0	14.8	4.2	42.5	76.4
Zimbabwe	2.2	2.6	6.5	9.1	9.3	..	..
Landlocked developing countries	2.7	3.2	10.5	13.7	2.9	1 686.8	1 755.5
Low- and middle-income countries^b	..	13.0	31.0	44.0	8.0		

^a /Or latest year available.

^b World Bank grouping, *World Development Indicators 2008* (Washington, D.C.), table 5.10.

Source: International Telecommunications Union, *Country data by region (online) and World Telecommunications/ICT Indicators*, <http://www.itu.int/ITU-D/icteye/Indicators/Indicators.aspx>, accessed 21 April 2008, and United Nations Statistics Division, *UN comtrade*, <http://comtrade.un.org> (accessed 14 April 2008).

Table 7
Foreign direct investment, net inflows

(Millions of United States dollars)

<i>Landlocked developing countries</i>	2000	2003	2004	2005	2006
Afghanistan	0.17	2.01	0.62	3.61	2.08
Armenia	104.20	120.90	218.80	258.20	343.48
Azerbaijan	30.00	3 227.00	3 535.00	1 679.00	-601.00
Bhutan	0.00	2.53	3.46	9.00	6.10
Bolivia	736.40	197.40	65.40	-238.60	240.10
Botswana	57.32	418.77	391.55	281.32	274.13
Burkina Faso	23.11	29.12	14.35	34.15	25.87
Burundi	11.68	-0.01	0.04	0.58	290.00
Central African Republic	0.84	19.44	24.80	28.63	24.29
Chad	114.75	712.66	495.38	612.93	700.00
Ethiopia	134.64	465.00	545.10	221.10	364.40
Kazakhstan	1 282.52	2 092.03	4 157.21	1 977.34	6 143.09
Kyrgyzstan	-2.40	45.54	175.40	42.60	182.00
Lao People's Democratic Republic	34.00	19.48	16.90	27.70	187.40
Lesotho	31.50	41.90	53.30	57.30	57.00
Malawi	39.60	7.40	22.00	26.50	29.70
Mali	82.44	132.26	101.00	223.80	185.00
Moldova	127.54	73.75	148.94	198.70	222.29
Mongolia	53.70	131.50	92.90	182.30	166.50
Nepal	-0.48	14.78	-0.42	2.44	-6.55
Niger	8.44	11.47	19.71	30.29	20.49
Paraguay	104.10	27.40	37.70	97.80	130.30
Rwanda	8.10	4.72	7.70	10.50	14.97
Swaziland	90.70	-60.90	70.60	-49.60	36.30
Tajikistan	23.54	13.57	272.03	54.48	385.20
The former Yugoslav Republic of Macedonia	174.53	96.29	157.01	99.84	350.52
Turkmenistan	131.00	226.00	354.00	418.21	730.93
Uganda	180.81	202.19	222.21	257.06	306.70
Uzbekistan	75.00	70.00	187.00	88.00	164.00
Zambia	121.70	172.00	364.00	380.00	350.40
Zimbabwe	23.20	3.80	8.70	102.80	40.00
Landlocked developing countries	3 802.66	8 520.01	11 762.39	7 117.99	11 365.68
Transit developing countries	105 291.23	94 779.51	118 013.09	145 472.67	169 700.66
Developing countries	265 127.87	202 886.37	323 288.15	355 484.29	448 353.16

Source: United Nations Conference on Trade and Development, Handbook of Statistics Online (accessed 15 June 2008).