

Annex

Selected development and transport indicators for landlocked developing countries

Table 1
Gross domestic product and gross domestic product growth, 2000-2007

<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 (percentage)</i>		
	2000	2003	2007	2007	2000-2003	2003-2006	2007
Afghanistan	2 713	5 420	8 202	345	25.9	10.4	12.4
Armenia	1 464	2 070	3 285	3 057	12.2	12.6	11.1
Azerbaijan	3 835	5 179	12 130	3 691	10.5	23.3	25.1
Bhutan	466	591	893	1 982	8.2	7.2	22.5
Bolivia	7 047	7 542	8 991	1 378	2.3	4.5	4.6
Botswana	5 774	6 834	8 525	5 739	5.8	5.5	6.2
Burkina Faso	5 181	6 318	8 019	483	6.8	5.9	6.7
Burundi	970	1 023	1 194	118	1.8	3.4	5.5
Central African Republic	1 752	1 630	1 829	394	-2.4	2.5	4.2
Chad	2 172	3 004	4 514	692	11.4	14.3	0.6
Ethiopia	14 417	15 168	23 279	201	1.7	11.4	11.2
Kazakhstan	20 594	28 058	40 541	6 753	10.9	10.0	8.7
Kyrgyzstan	740	834	994	704	4.1	3.3	8.3
Lao People's Democratic Republic	1 593	1 887	2 531	711	5.8	7.5	8.0
Lesotho	874	939	1 131	797	2.4	4.7	4.9
Malawi	3 149	3 265	4 163	257	1.2	5.9	7.4
Mali	3 742	4 699	5 501	554	7.9	4.5	2.5
Mongolia	1 448	1 671	2 366	1 481	4.9	8.8	9.9
Nepal	6 676	7 273	8 100	419	2.9	2.8	2.5
Niger	2 996	3 651	4 216	289	6.8	3.8	3.1
Paraguay	5 442	5 765	6 856	1 959	1.9	3.8	6.4
Republic of Moldova	1 380	1 684	2 098	1 158	6.9	6.5	3.0
Rwanda	2 646	3 094	3 902	354	5.4	6.0	6.0
Swaziland	1 185	1 268	1 392	2 520	2.3	2.4	2.4
Tajikistan	1 091	1 472	1 970	555	10.5	7.5	7.8
The former Yugoslav Republic of Macedonia	4 163	4 121	4 874	3 703	-0.3	4.0	5.0
Turkmenistan	2 413	2 585	3 518	1 461	2.3	7.8	8.5
Uganda	7 152	8 476	10 678	403	5.8	5.8	6.5
Uzbekistan	14 469	16 448	21 876	704	4.4	7.4	7.4

	<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 (percentage)</i>		
	2000	2003	2007	2007	2000-2003	2003-2006	2007
<i>Landlocked developing countries</i>							
Zambia	4 002	4 523	5 679	974	4.2	5.9	5.8
Zimbabwe	9 267	7 743	6 650	159	-5.8	-2.9	-6.1
Landlocked developing countries	140 813	164 235	219 897	1 419	5.3	7.5	7.7
Transit developing countries	3 562 612	4 157 966	5 661 139	2 432	5.3	7.9	8.2
Developing countries	6 365 500	7 203 000	9 441 300	2 710	4.2	7.0	7.1

Sources: United Nations Statistics Division, *National Accounts Main Aggregates Database*, available at <http://unstats.un.org/unsd/snaama/introduction.asp> (accessed 1 May 2009). Rates-of-growth calculations by the United Nations Office of the High Representative for the Least Developed Countries, Landlocked Developing Countries and Small Island Developing States.

Table 2
Official development assistance (ODA) receipts and total donor assistance for transport, storage and communication, 2003, 2006 and 2007

<i>Landlocked developing countries</i>	<i>Net ODA receipts (millions of US dollars)</i>			<i>ODA/GNI (percentage)</i>	<i>Donor assistance for transport, storage and communication (millions of US dollars)</i>		
	2003	2006	2007	2007	2003	2006	2007
Afghanistan	1 591	2 999	3 951	34	59.9	171.5	168.7
Armenia	249	213	352	4	4.4	0.4	1.7
Azerbaijan	301	206	225	1	0.2	1.8	1.6
Bhutan	77	94	89	8	8.5	13.7	7.8
Bolivia	939	844	476	4	2.4	2.4	15.4
Botswana	28	66	104	1	0.0	0.3	0.4
Burkina Faso	522	870	930	14	39.0	39.7	92.0
Burundi	227	415	466	50	0.1	3.6	12.9
Central African Republic	51	133	176	10	2.9	5.2	2.6
Chad	251	284	352	6	28.3	20.9	13.5
Ethiopia	1 600	1 948	2 422	12	60.3	138.9	149.9
Kazakhstan	270	172	202	0	59.0	4.2	1.3
Kyrgyzstan	200	311	274	8	1.1	2.6	6.6
Lao People's Democratic Republic	301	364	396	11	33.7	33.8	41.0
Lesotho	79	72	130	7	13.3	2.2	0.5
Malawi	515	684	735	21	27.9	7.3	14.2
Mali	554	825	1 017	15	37.1	46.1	98.9
Mongolia	250	202	228	6	23.3	8.2	12.9
Nepal	463	512	598	6	35.8	27.3	34.3
Niger	461	514	542	13	16.1	5.4	44.3
Paraguay	51	56	108	1	2.4	2.1	0.7
Republic of Moldova	118	224	269	5	0.1	0.1	0.2
Rwanda	335	586	713	22	7.6	13.0	14.0
Swaziland	34	35	63	2	1.1	9.7	4.8
Tajikistan	148	240	221	6	..	0.5	2.8
The former Yugoslav Republic of Macedonia	266	200	213	3	0.2	1.7	2.0
Turkmenistan	27	26	28	0	..	0.4	..
Uganda	999	1 549	1 728	16	6.3	21.5	40.9
Uzbekistan	195	149	166	1	1.5	9.3	2.0
Zambia	755	1 426	1 045	10	47.1	60.4	16.7
Zimbabwe	186	279	465	..	0.7	0.9	0.4
Landlocked developing countries	12 043	16 498	18 684		520.3	655.2	805.0
Transit developing countries	21 701	33 505	27 506		1 339.7	1 766.5	1 816.7

Source: Organization for Economic Cooperation and Development, Development Assistance Committee, International Development Statistics online databases on aid and other resource flows -DAC annual aggregates and Creditor Reporting System, available at www.oecd.org/dataoecd/50/17/5037721.htm (accessed 1 May 2009).

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

Table 3
Debt sustainability and debt relief under the Heavily Indebted Poor Countries (HIPC) Initiative and the Multilateral Debt Relief Initiative (MDRI)

	Total external debt (percentage of GNI)		Total debt service (as percentage of exports of goods and services and income) ^a			Total debt relief to February 2009 (millions of US dollars)		Heavily Indebted Poor Countries Initiative status as of February 2009	
	2003	2007	2003	2006	2007	HIPC	MDRI	Decision point	Completion Point
<i>Landlocked developing countries</i>									
Afghanistan	..	..	..	..	..	571	..	X	
Armenia	64.2	30.5	10.8	6.8	7.1	..	..
Azerbaijan	25.3	11.6	6.4	1.6	0.7	..	..
Bhutan	78.8	68.6	..	..	..	..	..
Bolivia	74.6	38.2	20.0	8.4	12.0	1 856	1 596		X
Botswana	6.8	3.5	1.3	0.9	0.9	..	..
Burkina Faso	40.7	21.7	..	..	..	772	603		X
Burundi	230.1	154.6	63.6	39.9	43.6	908	53		X
Central African Republic	91.7	57.2	..	..	..	611	..	X	
Chad	67.1	29.2	..	..	..	227	..	X	
Ethiopia	85.6	13.6	7.0	6.8	4.1	2 575	1 458		X
Kazakhstan	78.3	103.7	34.8	33.7	49.6	..	..
Kyrgyzstan	109.0	65.0	19.8	5.4	6.8	..	..
Lao People's Democratic Republic	107.8	84.4	21.5	19.5	18.9	..	..
Lesotho	54.3	33.7	8.0	3.9	7.0	..	..
Malawi	129.9	24.6	..	..	..	1 310	705		X
Mali	74.1	30.6	5.8	4.4	..	752	1 043		X
Mongolia	82.9	41.5	29.3	2.1	..	..	..
Nepal	50.1	35.0	6.1	5.1	4.5	899	519		X
Niger	76.3	23.0	7.5	26.6	..	..	1 596		
Paraguay	58.2	28.7	11.8	7.2	6.2	..	..
Republic of Moldova	87.7	66.5	10.3	12.2	10.5	..	..
Rwanda	88.1	14.9	13.7	9.7	3.2	908	..		X
Swaziland	21.0	13.3	1.3	1.6	1.9	..	225		
Tajikistan	78.6	34.0	7.2	2.6	2.3	..	..
The former Yugoslav Republic of Macedonia	41.5	49.2	12.9	16.8	..	..	..
Turkmenistan	29.6	5.9	..	..	..	..	..
Uganda	70.1	14.0	7.2	4.8	3.1	1 434	..		X
Uzbekistan	49.2	17.3	..	..	..	..	1 805		
Zambia	160.7	27.9	42.3	3.8	3.5	3 489	..		X
Zimbabwe	62.2	..	..	..	..	..	1 632		
Landlocked developing countries	66.4	48.2	20.7	18.7	26.6	16 312	9 639		
Transit developing countries	30.0	19.3	18.9	10.6	8.5				

Sources: World Bank, *World Development Indicators 2009* (Washington, D.C., World Bank, 2009), table 6.10; and *WDI online* (Washington, D.C., 2009) (accessed 1 June 2009).

^a Country series includes workers' remittances where available; total does not.

Table 4
International merchandise trade, exports and imports, 2003 and 2007

	<i>Exports 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	2007	2003	2007	2003	2007	2003	2007
<i>Landlocked developing countries</i>								
Afghanistan	..	..	..	..	..	..	..	..
Armenia	670	1 121	0.01	0.01	1 235	3 053	0.01	0.01
Azerbaijan	2 592	6 058	0.04	0.05	2 626	5 712	0.04	0.02
Bhutan	..	..	..	..	..	..	..	..
Bolivia	1 651	4 813	0.02	0.04	1 684	3 522	0.02	0.01
Botswana	3 802	5 073	0.05	0.04	3 964	3 987	0.05	0.03
Burkina Faso	324	397	0.00	0.00	1 008	1 267	0.00	0.01
Burundi	66	156	0.00	0.00	145	423	0.00	0.00
Central African Republic	66	116	0.00	0.00	100	186	0.00	0.00
Chad	..	..	..	..	..	..	..	..
Ethiopia	513	1 277	0.01	0.01	2 686	5 809	0.01	0.02
Kazakhstan	12 927	47 755	0.18	0.37	8 408	32 756	0.18	0.06
Kyrgyzstan	582	1 134	0.01	0.01	717	2 417	0.01	0.01
Lao People's Democratic Republic	..	..	..	..	..	..	..	..
Lesotho	479	..	0.01	..	1 115	..	0.01	..
Malawi	502	869	0.01	0.01	785	1 378	0.01	0.01
Mali	1 007	1 440	0.01	0.01	1 271	2 185	0.01	0.01
Mongolia	616	1 887	0.01	0.01	801	2 117	0.01	0.01
Nepal	653	..	0.01	..	1 802	..	0.01	..
Niger	228	473	0.00	0.00	560	958	0.00	0.00
Paraguay	1 242	2 785	0.02	0.02	2 228	5 845	0.02	0.02
Republic of Moldova	..	..	..	..	..	..	..	..
Rwanda	50	183	0.00	0.00	261	697	0.00	0.00
Swaziland	1 732	1 082	0.02	0.01	1 432	1 164	0.02	0.01
Tajikistan	..	..	..	..	..	..	..	..
The former Yugoslav Republic of Macedonia	1 367	3 356	0.02	0.03	2 306	5 228	0.02	0.02
Turkmenistan	..	..	..	..	..	..	..	..
Uganda	532	1 337	0.01	0.01	1 375	3 493	0.01	0.01
Uzbekistan	..	..	..	..	..	..	..	..
Zambia	1 576	..	0.02	..	2 152	980	0.02	0.02
Zimbabwe	..	3 310	0.03	..	..	3 594	..	0.03
Landlocked developing countries	33 177	84 622	0.47	0.65	38 661	86 771	0.5	0.66
Transit developing countries	935 920	2 168 813	13.3	16.7	886 147	1 984 657	12.3	15.0
World	7 018 511	13 005 441			7 178 426	13 204 710		

Source: United Nations Statistics Division, UN Comtrade, available at <http://comtrade.un.org> (accessed 1 May and 22 June 2009).

Table 5
Selected transport indicators, 2000-2007

	Roads		Railways	Waterways	Pipelines	Air transport	
	Kilometres	Paved (percentage)	Kilometres	Kilometres	Kilometres	Departures	
	2000-2007 ^a	2000-2007 ^a	2000-2007 ^a	2006-2007 ^a	2007	2000	2007
<i>Landlocked developing countries</i>							
Afghanistan	42 150	29.3	—	1 200 (<500 DWT) ^b	466	3 400	..
Armenia	7 504	89.0	711	..	2 233	4 400	..
Azerbaijan	59 141	49.4	2 122	..	4 785	8 000	13 000
Bhutan	8 050	62.0	..	..	..	1 100	..
Bolivia	62 479	7.0	..	10 000	8 994	21 600	24 100
Botswana	25 798	32.6	888	..	..	6 700	7 400
Burkina Faso	92 495	4.2	622	..	..	3 400	1 600
Burundi	12 322	10.4	..	Lake Tanganyika	..	..	..
Central African Republic	24 307	..	..	2 800	..	1 500	..
Chad	40 000	0.8	..	Seasonal	250	1 500	..
Ethiopia	42 429	12.8	..	..	..	26 600	37 500
Kazakhstan	91 563	91.4	14 205	4 000	24 740	8 000	19 100
Kyrgyzstan	18 500	91.1	424	600	270	6 100	4 900
Lao People's Democratic Republic	29 811	13.5	..	4600	540	6 400	10 000
Lesotho	5 940	18.3	..	..	..	..	..
Malawi	15 451	45.0	710	700	..	4 800	5 900
Mali	18 709	18.0	734	1 800	..	1 500	..
Mongolia	49 250	3.5	1 810	424	..	6 200	6 200
Nepal	17 280	56.9	59	..	..	12 100	6 900
Niger	18 550	20.6	..	300 (seasonal)	..	1 500	..
Paraguay	29 500	50.8	36 ^c	3 100	..	7 600	10 400
Republic of Moldova	12 838	86.3	1 075	580 (seasonal)	1 906	3 700	4 000
Rwanda	14 008	19.0	..	Lac Kivu (shallow)	..	..	..
Swaziland	3 594	30.0	301	..	..	2 600	..
Tajikistan	27 767	..	482	200	587	4 000	7 900
The former Yugoslav Republic of Macedonia	13 182	..	947	..	388	8 000	..
Turkmenistan	24 000	81.2	2 440	1 300	7 864	21 900	15 600
Uganda	70 746	23.0	261	Lakes	..	300	..
Uzbekistan	81 600	87.3	4 014	1 100	10 574	30 100	22 300
Zambia	91 440	22.0	1 273	2 250	771	6 100	6 400

	Roads		Railways	Waterways	Pipelines	Air transport	
	Kilometres	Paved (percentage)	Kilometres	Kilometres	Kilometres	Departures	
<i>Landlocked developing countries</i>	2000-2007 ^a	2000-2007 ^a	2000-2007 ^a	2006-2007 ^a	2007	2000	2007
Zimbabwe	97 267	19.0	..	Lake Kariba	270	13 600	7 300
Landlocked developing countries	1 147 671	38.4	33 078		63 002	222 700	210 500

Sources: World Bank, *World Development Indicators 2009* (Washington, D.C., World Bank, 2009), table 5.9; World Bank, *WDI and GDF Online*, available at <http://www.worldbank.org>; and United States Central Intelligence Agency, *The World Factbook* (Washington, D.C.), Field Listings: Waterways, Pipelines and Railways, available at <https://www.cia.gov/library/publications/the-world-factbook/index.html> (accessed 1 May 2009).

^a Data are for the latest year available in the period shown.

^b Deadweight tonnage.

^c Tourist service.

Table 6
Selected telecommunications indicators, 2000, 2006 and 2007

	<i>Telephone lines and cellular subscribers per 100 population</i>				<i>Internet users per 100 population</i>	<i>Total annual investment in telecom (millions of US dollars)</i>
	<i>Main lines</i>		<i>Cellular</i>			
	<i>2000</i>	<i>2007</i>	<i>2000</i>	<i>2007</i>	<i>2006</i>	<i>2006^a</i>
<i>Landlocked developing countries</i>						
Afghanistan	0.1	0.3	0.1	17.2	1.8	..
Armenia	17.8	19.7	2.3	62.5	5.7	..
Azerbaijan	11.2	14.8	9.6	53.4	10.9	195
Bhutan	1.0	3.4	—	17.2	4.6	..
Bolivia	6.8	7.1	11.8	34.2	10.5	..
Botswana	8.4	7.3	18.8	61.2	5.3	369
Burkina Faso	0.5	0.7	0.9	10.9	0.6	..
Burundi	0.3	0.4	0.8	3.2	0.8	..
Central African Republic	0.2	0.3	0.3	3.0	0.3	..
Chad	0.1	0.1	0.4	8.5	0.6	..
Ethiopia	0.5	1.1	0.1	1.4	0.3	..
Kazakhstan	14.0	21	7.0	79.9	12.3	677
Kyrgyzstan	7.8	9.1	1.0	40.8	14.1	..
Lao People's Democratic Republic	1.1	1.6	1.0	25.2	—	..
Lesotho	1.6	3	7.7	22.7	3.5	..
Malawi	0.6	1.3	0.8	7.5	1.0	..
Mali	0.5	0.6	0.4	20.5	0.8	122
Mongolia	5.0	6.8	8.5	34.4	12.0	..
Nepal	1.3	2.5	0.1	11.6	1.4	..
Niger	0.3	0.2	0.5	6.3	0.3	..
Paraguay	4.8	6.4	29.0	76.6	8.6	..
Republic of Moldova	16.9	28.5	8.0	49.6	18.5	158
Rwanda	0.3	0.2	1.0	6.5	1.1	16
Swaziland	3.4	4.3	6.6	33.3	4.0	..
Tajikistan	3.8	5.0	0.2	34.9	7.2	..
The former Yugoslav Republic of Macedonia	27.7	22.7	18.1	95.5	27.3	221
Turkmenistan	8.1	9.2	0.2	7	1.4	..
Uganda	0.2	0.5	1.5	13.6	2.5	..
Uzbekistan	6.6	0.6	0.7	21.5	4.4	..

	<i>Telephone lines and cellular subscribers per 100 population</i>				<i>Internet users per 100 population</i>	<i>Total annual investment in telecom (millions of US dollars)</i>
	<i>Main lines</i>		<i>Cellular</i>			
	<i>2000</i>	<i>2007</i>	<i>2000</i>	<i>2007</i>			2006	2006^{a}
<i>Landlocked developing countries</i>						
Zambia	0.7	0.8	1.2	22.1	5.0	..
Zimbabwe	2.2	2.6	2.7	9.2	10.1	..
Landlocked developing countries	2.7	3.6	1.1	18.2	3.5	
Developing countries	8.0	13.3	5.2	38.6	12.7	

Source: International Telecommunication Union (ITU), ICT Eye and World Telecommunications/ICT Indicators Database 2008, available at <http://www.itu.int/ITU-D/ict/> (accessed 1 May 2009), and updated aggregates provided by the ITU STAT Unit on 2 June 2009.

^a Or latest year available.

Table 7

Foreign direct investment, net flows, 2000, 2003, 2005, 2006 and 2007

(Millions of current United States dollars)

<i>Landlocked developing countries</i>	<i>FDI net flows</i>				
	<i>2000</i>	<i>2003</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>
Afghanistan	0	58	273	242	288
Armenia	104	121	239	453	661
Azerbaijan	30	3 227	1 679	-601	-4 817
Bhutan	0	3	9	6	78
Bolivia	736	197	-288	281	204
Botswana	57	420	281	489	495
Burkina Faso	23	29	34	34	600
Burundi	12	0	1	0	0
Central African Republic	1	13	17	18	27
Chad	115	713	613	700	603
Ethiopia	135	465	265	545	254
Kazakhstan	1 283	2 092	1 971	6 224	10 259
Kyrgyzstan	-2	46	43	182	208
Lao People's Democratic Republic	34	19	28	187	324
Lesotho	32	42	57	92	106
Malawi	40	66	27	30	55
Mali	82	132	224	83	360
Mongolia	54	132	182	290	328
Nepal	0	15	2	-7	6
Niger	8	11	30	51	27
Paraguay	104	27	54	170	190
Republic of Moldova	128	74	197	242	459
Rwanda	8	3	14	16	67
Swaziland	106	-61	-50	36	37
Tajikistan	24	14	54	339	401
The former Yugoslav Republic of Macedonia	215	118	97	424	320
Turkmenistan	131	226	418	731	804
Uganda	181	202	380	400	368
Uzbekistan	75	70	88	195	262

<i>Landlocked developing countries</i>	<i>FDI net flows</i>				
	<i>2000</i>	<i>2003</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>
Zambia	122	347	357	616	984
Zimbabwe	23	4	103	40	69
Landlocked developing countries	3 858	8 823	7 401	12 506	14 026
Transit developing countries	5 858	10 826	9 406	14 512	16 033
Developing countries	256 624	180 114	316 407	412 972	499 720

Source: United Nations Conference on Trade and Development, Foreign Direct Investment Online, Foreign Direct Investment database, available at www.unctad.org/Templates/Page.asp?intItemID=1923 (accessed 1 May 2009).

Note: Components may not add to totals owing to rounding.