

Table 9.1 Rural development

	Rural population (%)		Rural population density (rural population per sq. km of arable land)	Share of rural population below the national poverty line			
	Share of total population	Annual growth		Surveys 1990–99		Surveys 2000–05	
	2005	2005		Year ^a	Percent	Year ^a	Percent
SUB-SAHARAN AFRICA	64.7	1.4					
Angola	46.7	1.5	219.0	..	..	..	..
Benin	59.9	2.6	181.0	1999	33.0	..	..
Botswana	42.6	-2.2	208.1	..	..	..	..
Burkina Faso	81.7	2.7	211.5	1998	61.1	2003	52.4
Burundi	90.0	3.3	643.7	1990	36.0	..	..
Cameroon	45.4	-0.3	124.8	1996	59.6	2001	49.9
Cape Verde	42.7	0.5	465.4	..	..	..	..
Central African Republic	62.0	1.2	126.8	..	..	..	..
Chad	74.7	2.6	191.4	1996	67.0	..	..
Comoros	63.0	1.1	462.5	..	..	..	..
Congo, Dem. Rep.	67.9	2.3	557.0	..	..	..	..
Congo, Rep.	39.8	2.0	308.9	..	..	..	..
Côte d'Ivoire	55.0	0.8	297.7	..	..	..	..
Djibouti	13.9	-2.2	11,487.9	..	..	..	..
Equatorial Guinea	61.1	2.2	226.3	..	..	..	..
Eritrea	80.6	3.5	586.0	..	..	..	..
Ethiopia	84.0	1.6	524.0	1996	47.0	2000	45.0
Gabon	16.4	-2.6	73.5	..	..	..	..
Gambia, The	46.1	0.6	219.2	1998	61.0	..	..
Ghana	52.2	0.6	272.3	1999	49.9	..	..
Guinea	67.0	1.3	534.4	..	..	..	..
Guinea-Bissau	70.4	3.0	350.3	..	..	..	..
Kenya	79.3	2.1	561.0	1997	53.0	..	..
Lesotho	81.3	-0.4	445.4	..	..	..	..
Liberia	41.9	-0.5	366.3	..	..	..	..
Madagascar	73.2	2.5	439.3	1999	76.7	..	..
Malawi	82.8	1.7	421.2	1998	66.5	..	..
Mali	69.5	2.2	195.7	1998	75.9	..	..
Mauritania	59.6	2.8	354.3	1996	65.5	2000	61.2
Mauritius	57.6	0.9	716.1	..	..	..	..
Mozambique	65.5	0.7	293.5	1997	71.3	..	..
Namibia	64.9	0.3	160.8	..	..	..	..
Niger	83.2	3.2	75.2	1993	66.0	..	..
Nigeria	51.8	0.8	236.3	1993	36.4	..	..
Rwanda	80.7	0.4	605.0	..	..	2000	65.7
São Tomé and Príncipe	42.0	0.1	818.9	..	..	..	..
Senegal	58.4	2.0	265.8	1992	40.4	..	..
Seychelles	47.1	0.2	3,962.8	..	..	..	..
Sierra Leone	59.3	2.2	545.9	..	..	2004	79.0
Somalia	64.8	2.7	483.6	..	..	..	..
South Africa	40.7	0.0	129.4	..	..	..	..
Sudan	59.2	0.4	125.2	..	..	..	..
Swaziland	75.9	0.8	473.4	..	..	..	..
Tanzania	75.8	2.1	699.6	1991	40.8	2001	38.7
Togo	59.9	1.4	142.5	..	..	..	..
Uganda	87.4	3.4	452.6	..	..	2003	41.7
Zambia	65.0	1.6	139.7	1998	83.1	2004	78.0
Zimbabwe	64.1	-0.1	259.4	1996	48.0	..	..
NORTH AFRICA	46.6	0.9					
Algeria	36.7	-0.4	160.9	1995	30.3	..	..
Egypt, Arab Rep.	57.2	1.8	1,411.6	1996	23.3	..	..
Libya	15.2	-0.3	49.2	..	..	..	..
Morocco	41.3	-0.7	148.7	1999	27.2	..	..
Tunisia	34.7	-0.1	125.1	1995	13.9	..	..

a. Data are for most recent year available during the period specified.

Share of rural population with sustainable access (%)

To an improved water source 2000–05 ^a	To improved sanitation facilities 2000–05 ^a	To electricity 2000–05 ^a	To transportation (within 2 km of an all-season road) 2000–05 ^a	To landline telephone 2000–05 ^a
42.7	28.1			
40.0	16.0	..	..	..
57.0	11.0	5.6	32.0	1.0
90.0	25.0	..	..	..
54.0	6.0	0.8	25.0	0.3
77.0	35.0	..	..	..
44.0	43.0	16.3	20.0	0.0
73.0	19.0	..	..	..
61.0	12.0	..	..	..
43.0	4.0	0.3	5.0	0.0
82.0	29.0	..	..	..
29.0	25.0	..	26.0	..
27.0	25.0	16.4	..	0.2
74.0	29.0	..	..	..
59.0	50.0	..	..	..
42.0	46.0	..	..	..
57.0	3.0	..	..	..
11.0	7.0	2.0	17.0	0.2
47.0	30.0	31.4	..	1.8
77.0	46.0	..	..	..
64.0	11.0	20.9	..	0.7
35.0	11.0	3.2	..	0.3
49.0	23.0	..	..	..
46.0	41.0	3.6	..	6.0
76.0	32.0	0.8	..	10.6
52.0	7.0	..	..	..
35.0	26.0	9.7	..	3.0
68.0	61.0	2.5	..	2.1
36.0	39.0	2.7	..	0.1
44.0	8.0	2.7	..	0.2
100.0	94.0	..	..	..
26.0	19.0	1.5	..	0.1
81.0	13.0	10.4	..	4.5
36.0	4.0	..	37.0	..
31.0	36.0	34.6	47.0	1.8
69.0	38.0	1.5	..	0.2
73.0	20.0	..	..	..
60.0	34.0	19.0	..	7.5
75.0	100.0	..	..	..
46.0	30.0	..	..	..
27.0	14.0	..	..	..
73.0	46.0	..	..	..
64.0	24.0	..	..	..
54.0	44.0	..	..	..
49.0	43.0	1.8	38.0	3.0
36.0	15.0	..	..	..
56.0	41.0	2.6	..	0.9
40.0	52.0	3.5	..	0.6
72.0	47.0	..	..	..
85.9	61.9			
80.0	82.0	..	..	..
97.0	58.0	..	..	..
68.0	96.0	..	..	..
56.0	52.0	..	..	..
82.0	65.0	..	..	..

Table 9.2 Agriculture

	Agriculture value added (% of GDP) 2005	Production index (1999–2001=100)			Cereal production (thousands of metric tons) 2004–05 ^a	Trade			
		Crop 2004–05 ^a	Food 2004–05 ^a	Livestock 2004–05 ^a		Agricultural		Food	
						Exports (\$ millions) 2004–05 ^a	Imports (\$ millions) 2004–05 ^a	Exports (\$ millions) 2004–05 ^a	Imports (\$ millions) 2004–05 ^a
SUB-SAHARAN AFRICA									
Angola	7.2	119.2	112.9	100.0	725	6	985	1	741
Benin	32.2	133.9	137.4	116.2	1,109	240	267	44	244
Botswana	1.8	113.1	104.3	102.4	45	52	126	49	92
Burkina Faso	..	130.0	115.2	110.3	2,902	338	169	63	108
Burundi	31.6	104.2	104.4	100.2	280	54	19	1	16
Cameroon	18.7	104.9	104.7	103.2	1,684	608	458	347	428
Cape Verde	..	85.4	91.8	102.1	4	0	113	0	88
Central African Republic	54.7	97.7	108.2	114.7	192	16	33	15	26
Chad	20.9	115.7	112.2	107.6	1,213	123	80	55	65
Comoros	51	105.9	104.6	95.9	21	29	34	26	30
Congo, Dem. Rep.	44.7	96.7	97.5	100.4	1,570	39	336	8	227
Congo, Rep.	4.7	105.5	108.8	121.1	9	40	261	30	301
Côte d'Ivoire	21.7	97.4	101.2	111.0	2,205	3,180	683	2,614	535
Djibouti	3.2	114.6	109.6	108.5	..	12	163	11	119
Equatorial Guinea	2.8	93.8	93.4	101.9	-	7	57	6	24
Eritrea	20.7	71.5	86.3	99.5	83	3	127	2	126
Ethiopia	42.9	110.5	112.1	115.8	9,280	382	425	125	385
Gabon	4.9	102.3	101.7	101.5	32	17	227	2	185
Gambia, The	29.6	65.6	69.0	103.1	213	17	155	15	127
Ghana	37.5	121.2	121.0	111.8	1,943	1,344	1,074	1,302	729
Guinea	18.6	110.4	113.8	115.3	1,142	70	220	42	154
Guinea-Bissau	59.3	109.8	109.7	109.1	171	62	44	62	35
Kenya	24.1	101.6	104.3	108.7	2,730	1,423	519	393	413
Lesotho	14.6	111.2	106.0	100.0	248	6	60	1	47
Liberia	66	99.3	97.3	110.0	110	96	121	3	105
Madagascar	25.8	108.8	107.6	104.4	3,391	122	90	104	80
Malawi	29.8	91.8	95.6	101.9	1,843	397	100	76	59
Mali	33.7	111.2	109.6	117.9	2,845	334	160	121	123
Mauritania	21.4	100.5	108.8	110.0	125	34	345	16	239
Mauritius	5.3	103.5	105.9	113.6	0	429	426	371	335
Mozambique	19.7	107.4	104.0	101.1	2,007	124	343	..	301
Namibia	10.7	110.8	114.0	113.9	107	249	278	145	197
Niger	..	122.1	118.4	104.6	2,672	71	262	65	226
Nigeria	23.4	105.9	106.2	108.8	22,783	623	2,285	548	2,024
Rwanda	42.3	113.1	113.2	109.9	319	34	58	1	50
São Tomé and Príncipe	17	109.3	109.2	107.7	3	4	20	4	14
Senegal	14.4	76.8	81.6	101.1	1,085	156	890	102	798
Seychelles	2.6	93.8	91.6	91.1	-	12	78	6	67
Sierra Leone	43.4	115.0	113.5	105.2	309	14	156	11	98
Somalia	..	..	..	..	..	88	152	85	148
South Africa	2.2	102.6	105.9	108.6	12,352	4,184	2,753	2,680	1,731
Sudan	32.3	109.7	107.8	107.2	3,643	626	642	307	572
Swaziland	6.5	100.8	105.9	111.1	71	272	74	262	54
Tanzania	42.4	106.8	105.6	109.6	5,020	534	342	146	278
Togo	43.6	110.9	104.2	109.2	787	96	85	50	64
Uganda	30	108.7	109.2	110.3	2,625	417	316	78	269
Zambia	16.8	108.2	108.0	98.9	1,364	322	173	159	139
Zimbabwe	13.4	66.1	86.4	99.0	837	847	468	115	371
NORTH AFRICA									
Algeria	8	128.4	116.8	104.8	3,998	61	3,971	50	3,456
Egypt, Arab Rep.	14	105.5	110.9	122.3	21,315	1,187	3,989	900	3,356
Libya	..	99.8	104.3	100.9	213	12	1,150	1	1,049
Morocco	14.1	148.6	132.1	99.8	8,604	1,430	2,367	1,168	1,776
Tunisia	11.6	101.7	101.6	98.8	2,155	974	1,206	783	874

a. Data are for most recent year available during the period specified.

Share of land area (%)			Fertilizer consumption (100 grams per hectare of arable land) 2000–02 ^a	Agricultural machinery Tractors per 100 sq km of arable land 2000–03 ^a	Agricultural employment (% of total employment) 2000–05 ^a	Incidence of drought 2000–05 ^a	Agriculture value added per worker (2000 \$) 2003–04 ^a	Cereal yield (kilograms per hectare) 2005
Permanent cropland 2005	Cereal cropland 2005	Irrigated land (% of cropland) 2001–03 ^a						
0.2	1.2	2.2	4.7	31.2	..	No	194	597
2.4	9.2	0.4	187.6	0.7	..	No	622	1,147
0.0	0.1	0.3	122.0	159.2	22.6	No	430	241
0.2	11.3	0.5	3.6	4.1	..	Yes	189	941
14.2	8.1	1.5	25.8	1.7	..	Yes	74	1,329
2.6	2.5	0.4	58.6	0.8	..	No	1,180	1,727
0.7	3.7	6.1	47.8	3.5	..	Yes	1,582	156
0.2	0.3	0.1	3.1	0.2	..	No	422	1,042
0.0	1.9	0.8	48.6	0.5	..	Yes	214	671
23.3	7.0	..	37.5	0.6	..	No	419	1,338
0.5	0.9	0.1	15.7	3.6	..	No	151	767
0.2	0.0	0.4	4.8	14.1	..	No	368	806
11.3	2.9	1.1	330.3	11.5	..	No	836	1,262
..	0.0	..	..	60.0	..	Yes	72	1,500
3.6	..	..	..	13.1	..	No	654	..
0.0	3.7	3.7	65.4	8.2	..	Yes	59	405
0.7	9.8	2.5	151.0	2.7	..	Yes	154	1,244
0.7	0.1	1.4	9.2	46.2	..	No	1,929	1,641
0.5	19.8	0.6	25.4	1.4	..	No	240	1,123
9.7	5.9	0.5	74.2	8.6	55.0	Yes	354	1,458
2.6	3.2	5.4	30.5	5.1	..	No	237	1,468
8.9	5.5	4.5	80.0	0.6	..	No	237	1,220
1.0	3.8	2.0	310.3	27.6	..	Yes	326	1,322
0.1	5.1	0.9	342.4	60.6	..	Yes	494	936
2.3	1.2	0.5	..	8.5	..	No	..	917
1.0	2.6	30.6	30.9	12.0	78.0	Yes	175	2,380
1.5	13.2	2.2	839.2	5.8	..	Yes	137	1,097
0.0	2.6	4.9	89.4	5.4	..	No	229	839
0.0	0.2	9.8	59.4	7.8	..	Yes	338	1,448
3.0	0.0	20.8	2,500.0	37.0	10.0	No	4,967	3,455
0.3	2.5	2.6	59.3	13.2	..	Yes	158	959
0.0	0.3	1.0	3.7	38.7	31.1	No	1,099	447
0.0	6.6	0.5	3.4	0.1	..	Yes	174	394
3.2	20.1	0.8	55.0	9.8	..	No	949	1,057
10.9	14.2	0.6	137.1	0.5	..	Yes	222	1,016
49.0	1.1	18.2	..	156.3	..	No	221	2,455
0.2	6.2	4.8	136.1	2.8	..	No	259	975
13.0	..	..	170.0	400.0	..	No	512	..
1.0	3.5	4.7	5.6	1.4	..	No	..	1,223
0.0	1.2	18.7	4.8	16.3	..	Yes	..	..
0.8	3.5	9.5	654.2	44.4	10.3	No	2,499	3,330
0.2	4.7	10.7	42.8	7.0	..	Yes	728	398
0.8	3.4	26.0	393.3	221.9	..	Yes	1,212	1,160
1.2	4.0	3.6	17.9	19.0	82.1	Yes	303	1,472
2.2	13.7	0.3	67.9	0.3	..	Yes	412	1,058
10.9	8.1	0.1	18.2	9.0	69.1	Yes	237	1,695
0.0	0.8	2.9	123.9	11.4	..	Yes	219	1,595
0.3	4.3	5.2	341.6	74.5	..	Yes	236	717
0.3	1.0	6.9	129.9	128.8	20.7	Yes	2,267	1,466
0.5	3.1	99.9	4,321.5	308.7	29.9	No	2,062	7,516
0.2	0.2	21.9	341.0	219.0	..	No	..	627
2.0	12.2	15.4	475.2	57.8	47.0	Yes	1,739	814
13.8	9.0	8.0	368.1	125.8	..	No	2,874	1,450

Table 9.3 Environment

	Forest area (% of land area)		Average annual deforestation (% change) 1990–2005	Renewable internal freshwater resources		Annual fresh water withdrawals	
	1990	2005		Total (billions of cubic meters)	Per capita (cubic meters)	Total (billions of cubic meters)	Share of internal resources (%)
	1990	2005		2005	2005	2002	2002
SUB-SAHARAN AFRICA							
Angola	48.9	47.4	0.2	148	9,284	9,284	0.2
Benin	30.0	21.3	1.9	10	1,221	1,221	1.3
Botswana	24.2	21.1	0.9	2	1,360	1,360	8.1
Burkina Faso	26.1	24.8	0.3	13	945	945	6.4
Burundi	11.3	5.9	3.2	10	1,338	1,338	2.9
Cameroon	52.7	45.6	0.9	273	16,726	16,726	0.4
Cape Verde	14.4	20.8	-3.0	0	592	592	7.3
Central African Republic	37.2	36.5	0.1	141	34,921	34,921	0.0
Chad	10.4	9.5	0.6	15	1,539	1,539	1.5
Comoros	5.4	2.2	3.9	1	1,998	1,998	0.8
Congo, Dem. Rep.	62.0	58.9	0.3	900	15,639	15,639	0.0
Congo, Rep.	66.5	65.8	0.1	222	55,515	55,515	0.0
Côte d'Ivoire	32.1	32.7	-0.1	77	4,231	4,231	1.2
Djibouti	0.3	0.3	0.0	0	378	378	6.3
Equatorial Guinea	66.3	58.2	0.8	26	51,637	51,637	0.4
Eritrea	..	15.4	0.3	3	636	636	10.7
Ethiopia	13.7	13.0	0.9	122	1,712	1,712	4.6
Gabon	85.1	84.5	0.0	164	118,511	118,511	0.1
Gambia, The	44.2	47.1	-0.4	3	1,978	1,978	1.0
Ghana	32.7	24.2	1.7	30	1,370	1,370	3.2
Guinea	30.1	27.4	0.6	226	24,037	24,037	0.7
Guinea-Bissau	78.8	73.7	0.4	16	10,086	10,086	1.1
Kenya	6.5	6.2	0.3	21	604	604	7.6
Lesotho	0.2	0.3	-4.0	5	2,897	2,897	1.0
Liberia	42.1	32.7	1.5	200	60,915	60,915	0.1
Madagascar	23.5	22.1	0.4	337	18,113	18,113	4.4
Malawi	41.4	36.2	0.8	16	1,250	1,250	6.3
Mali	11.5	10.3	0.7	60	4,438	4,438	10.9
Mauritania	0.4	0.3	2.4	0	130	130	425.0
Mauritius	19.2	18.2	0.3	3	2,252	2,252	21.8
Mozambique	25.5	24.6	0.2	100	5,068	5,068	0.6
Namibia	10.6	9.3	0.8	6	3,052	3,052	4.8
Niger	1.5	1.0	2.3	4	251	251	62.3
Nigeria	18.9	12.2	2.4	221	1,680	1,680	3.6
Rwanda	12.9	19.5	-3.4	10	1,051	1,051	1.6
São Tomé and Príncipe	28.1	28.1	0.0	2	14,055	14,055	..
Senegal	48.6	45.0	0.5	26	2,213	2,213	8.6
Seychelles	87.0	87.0	0.0	..	..	..	..
Sierra Leone	42.5	38.5	0.6	160	28,957	28,957	0.2
Somalia	13.2	11.4	0.9	6	729	729	54.8
South Africa	7.6	7.6	0.0	45	956	956	27.9
Sudan	32.1	28.4	0.8	30	828	828	124.4
Swaziland	27.4	31.5	-1.0	3	2,299	2,299	40.1
Tanzania	46.9	39.9	1.0	84	2,192	2,192	6.2
Togo	12.6	7.1	2.9	12	1,871	1,871	1.5
Uganda	25.0	18.4	1.8	39	1,353	1,353	0.8
Zambia	66.1	57.1	0.9	80	6,873	6,873	2.2
Zimbabwe	57.5	45.3	1.4	12	946	946	34.2
NORTH AFRICA							
Algeria	0.8	1.0	-1.8	11	341	341	54.2
Egypt, Arab Rep.	0.0	0.1	-3.5	2	24	24	3,794.4
Libya	0.1	0.1	0.0	1	103	103	711.3
Morocco	9.6	9.8	-0.1	29	961	961	43.4
Tunisia	4.1	6.8	-4.3	4	419	419	62.9

a. Data are for most recent year available during the period specified.

Water productivity (2000 \$ per cubic meter of fresh water withdrawal)			Emissions of organic water pollutants (kilograms per day)		Energy production (kilotons of oil equivalent)		Energy use (kilotons of oil equivalent)		Combustible renewables and waste (% of total energy use)		Carbon dioxide emissions, industrial (thousands of metric tons)	
Total 2001-03 ^a	Agriculture 2001-03 ^a	Industry 2001-03 ^a	1990	2001-03 ^a	1990	2004	1990	2004	1990	2004	1990	2003
30.8	3.3	130.8	..	..	28,652	57,358	6,285	9,488	68.8	64.7	4,645	8,615
19.0	15.4	12.1	..	..	1,774	1,623	1,678	2,475	93.2	65.6	714	2,040
35.4	1.8	105.9	4,509	5,499	910	1,008	1,272	1,866	33.1	24.4	2,169	4,114
3.6	1.3	76.7	..	..	..	..	..	..	..	..	993	1,040
2.6	1.2	6.1	1,570	..	..	..	..	..	..	..	194	234
11.1	3.0	42.7	13,989	10,032	12,090	12,476	5,032	6,949	75.9	77.8	1,604	3,535
26.2	3.0	269.6	103	..	..	..	..	..	..	..	84	143
38.4	517.4	46.8	998	..	..	..	..	..	..	..	198	253
7.2	3.2	..	..	..	..	..	..	..	..	..	143	117
21.7	23.2	50.4	..	..	..	..	..	..	..	..	66	88
12.1	18.7	15.2	..	..	12,019	17,002	11,903	16,559	84.0	92.5	3,971	1,788
76.0	..	..	..	..	9,005	12,586	1,056	1,063	69.4	61.7	1,172	1,377
11.0	3.9	19.2	..	..	3,382	7,220	4,408	6,927	72.1	64.9	5,385	5,714
30.4	6.0	..	..	..	..	..	..	..	..	..	352	366
14.8	105.5	129.7	61	..	..	..	..	..	..	..	117	165
2.3	0.3	..	..	..	..	..	..	..	..	..	..	700
1.5	0.7	51.1	18,593	22,085	14,158	19,370	15,151	21,179	92.8	90.4	2,963	7,333
42.1	6.2	291.3	..	..	14,630	12,107	1,243	1,693	59.8	58.8	5,989	1,223
14.1	5.2	15.7	..	..	..	..	..	..	..	..	191	282
5.5	2.9	14.8	..	..	4,392	6,230	5,337	8,354	73.1	69.1	3,766	7,729
2.2	0.5	35.0	..	..	..	..	..	..	..	..	1,011	1,337
1.1	0.8	3.9	..	..	..	..	..	..	..	..	209	271
8.4	3.9	20.6	42,588	56,102	10,272	13,675	12,479	16,920	78.4	74.1	5,821	8,773
18.4	11.8	17.6	2,958	..	..	..	..	..	..	..	..	..
5.4	..	..	..	..	..	..	..	..	..	..	465	462
0.2	0.1	1.9	..	..	..	..	..	..	..	..	941	2,341
1.7	0.7	5.0	10,024	..	..	..	..	..	..	..	601	883
0.4	0.2	11.8	..	..	..	..	..	..	..	..	421	553
0.7	0.2	5.8	..	..	..	..	..	..	..	..	2,634	2,498
7.9	..	..	17,813	..	..	..	..	..	..	..	1,462	3,143
7.3	2.0	120.3	20,414	10,231	6,846	8,236	7,203	8,571	94.4	84.1	996	1,568
12.4	1.6	69.7	..	..	..	321	..	1,337	..	13.8	7	2,326
0.9	0.4	33.7	..	386	..	..	..	..	..	..	1,048	1,205
6.0	2.3	27.4	..	..	150,453	229,440	70,905	98,989	79.8	80.2	45,326	52,176
14.1	9.1	35.9	..	..	..	..	..	..	..	..	528	601
..	..	..	..	..	..	..	..	..	..	..	66	92
2.1	0.3	18.4	10,309	6,603	1,362	1,106	2,238	2,751	60.6	38.9	3,132	4,835
..	..	..	..	..	..	..	..	..	..	..	114	546
2.5	..	..	..	..	..	..	..	..	..	..	333	652
..	..	..	..	..	..	..	..	..	..	..	18	..
11.3	0.5	53.1	261,618	221,256	114,534	155,998	91,229	131,137	11.4	10.0	285,403	364,157
0.4	0.2	12.0	..	38,583	8,775	29,330	10,642	17,638	81.7	79.2	5,381	8,989
1.4	0.1	37.6	6,586	..	..	..	..	..	..	..	425	956
2.0	0.9	61.7	31,125	..	9,063	17,530	9,808	18,749	91.0	91.6	2,333	3,802
8.2	6.5	63.8	..	..	1,203	1,910	1,447	2,688	82.6	70.6	751	2,194
22.0	18.3	25.2	..	..	..	..	..	..	..	..	813	1,711
2.0	0.5	6.7	15,880	..	4,923	6,360	5,470	6,943	73.4	79.1	2,443	2,194
1.6	0.3	4.3	37,149	..	8,550	8,600	9,384	9,301	50.4	63.8	16,641	11,465
9.7	1.3	39.5	106,978	..	104,439	165,728	23,858	32,895	0.1	0.2	76,971	163,634
1.6	0.3	8.2	211,531	186,059	54,869	64,662	31,895	56,881	3.3	2.5	75,414	139,626
8.7	..	..	..	..	73,173	85,378	11,541	18,193	1.1	0.8	37,762	50,179
2.9	0.6	31.9	41,710	72,126	773	659	6,725	11,452	4.7	3.9	23,480	37,897
7.9	1.0	54.7	..	55,775	6,127	6,805	5,536	8,703	18.7	12.4	13,256	20,868