

4. Households in housing units by water supply system: country or area, urban/rural, cities, latest available year

Technical notes

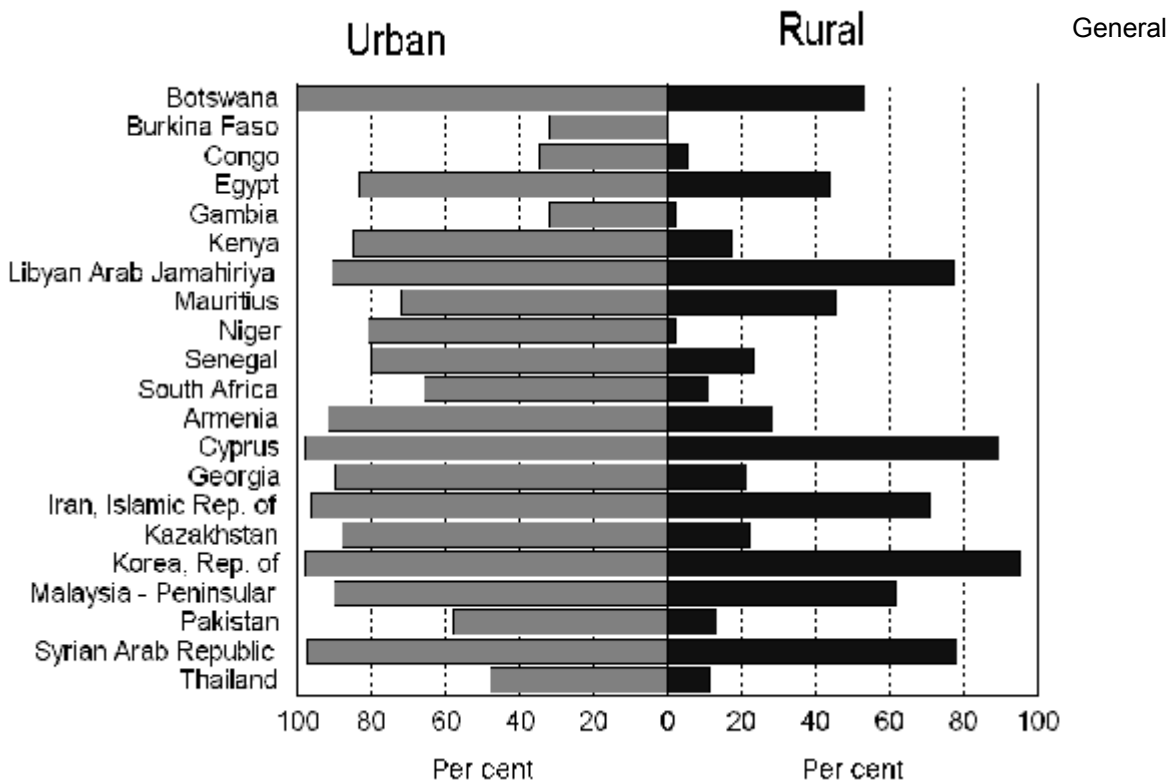
Definitions

Water supply system refers to the source of a housing units' water supply. *With piped water inside the housing unit* refers to the existence of water pipes within the walls that constitute a housing unit. Water can be piped *from the community source*, i.e. one that is subject to inspection and control by public authorities. Such systems are generally operated by a public body but in some cases they are generated by a cooperative or private enterprise. Water can be also piped into the unit *from a private source*, such as a pressure tank, a pump or some other installation. The category *piped water outside unit, but within 200 meters* refers to units where the piped water is not available to occupants within the unit they reside in, but is accessible within the range of 200 meters, assuming that access to piped water within that distance allows occupants to provide water for household needs without being subjected to extreme effort. *Other* refers to units that do not have access to piped water at all, whose occupants depend on *springs or wells*, or to units where piped water is located beyond 200 meters.

Coverage

Data are presented for 63 countries or areas and 144 cities. For national definitions of urban and rural, see **Percentage of households with piped water inside housing units: urban/rural,**

section on Notes.



4. Households in housing units by water supply system: country or area, urban/rural, cities, latest available year

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
AFRICA							
Botswana, 1996							
TOTAL	276 209	212 733	143 604	69 129	...	63 476	-
Percentage	100	77.0	52.0	25.0	...	23.0	-
URBAN	140 883	140 883	83 743	57 140	...	-	-
Percentage	100	100.0	59.4	40.6	...	-	-
RURAL	135 326	71 850	59 861	11 989	...	63 476	-
Percentage	100	53.1	44.2	8.9	...	46.9	-
GABORONE	36 639	36 639	20 687	15 952	...	-	-
Percentage	100	100.0	56.5	43.5	...	-	-
Francistown	16 789	16 789	12 035	4 754	...	-	-
Percentage	100	100.0	71.7	28.3	...	-	-
Burkina Faso, 1991							
TOTAL	1 407 164	65 459	...	...	...	1 341 705	...
Percentage	100	4.7	...	...	...	95.3	...
URBAN	198 310	63 908	...	...	...	134 402	...
Percentage	100	32.2	...	...	...	67.8	...
RURAL	1 208 854	1 551	...	...	...	1 207 303	...
Percentage	100	0.1	...	...	...	99.9	...
OUAGADOUGOU	98 206	32 107	...	...	...	66 099	...
Percentage	100	32.7	...	...	...	67.3	...
Bobo Dioulasso	42 205	20 081	...	...	...	22 124	...
Percentage	100	47.6	...	...	...	52.4	...
Koudougou	7 622	2 925	...	...	...	4 697	...
Percentage	100	38.4	...	...	...	61.6	...
Ouahigouya	7 585	871	...	...	...	6 714	...
Percentage	100	11.5	...	...	...	88.5	...
Egypt, 1996¹							
TOTAL	12 702 600	8 028 020	8 028 020	-	2 459 399	2 215 181	-
Percentage	100	63.2	63.2	-	19.4	17.4	-
URBAN	5 839 877	5 038 589	5 038 589	-	597 970	203 318	-
Percentage	100	86.3	86.3	-	10.2	3.5	-
RURAL	6 862 723	2 989 431	2 989 431	-	1 861 429	2 011 863	-
Percentage	100	43.6	43.6	-	27.1	29.3	-
CAIRO	1 657 081	1 446 379	1 446 379	-	163 525	47 177	-

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Percentage	100	87.3	87.3	-	9.9	2.8	-
Alexandria	799 755	740 639	740 639	-	57 935	1 181	-
Percentage	100	92.6	92.6	-	7.2	0.1	-
Giza	534 180	455 926	455 926	-	43 560	34 694	-
Percentage	100	85.4	85.4	-	8.2	6.5	-
Shobra-El-Khema	192 448	158 246	158 246	-	17 028	17 174	-
Percentage	100	82.2	82.2	-	8.8	8.9	-
Gambia, 1993							
TOTAL	116 001	18 183	...	...	20 512	74 238	3 068
Percentage	100	15.7	...	...	17.7	64.0	2.6
URBAN	54 042	17 268	...	...	15 824	19 604	1 346
Percentage	100	32.0	...	...	29.3	36.3	2.5
RURAL	61 959	915	...	...	4 688	54 634	1 722
Percentage	100	1.5	...	...	7.6	88.2	2.8
BANJUL	7 032	3 545	...	...	3 384	47	56
Percentage	100	50.4	...	...	48.1	0.7	0.8
Kanifing	31 426	11 758	...	...	5 790	13 074	804
Percentage	100	37.4	...	...	18.4	41.6	2.6
Kenya, 1989²							
TOTAL				...			
Percentage	100	31.9	...	...	...	68.1	...
URBAN							
Percentage	100	84.8	...	...	...	15.2	...
RURAL							
Percentage	100	16.6	...	...	...	83.4	...
NAIROBI							
Percentage	100	96.3	...	...	...	3.7	...
Mombasa							
Percentage	100	92.3	...	...	...	7.7	...
Lesotho, 1996							
TOTAL	370 972	177 321	131 706	45 615	192 467	1 184	...
Percentage	100	47.8	35.5	12.3	51.9	0.3	...
Libyan Arab Jamahiriya, 1995							
TOTAL	589 427	524 351	449 236	75 115	-	62 065	3 011
Percentage	100	89.0	76.2	12.7	-	10.5	0.5
URBAN	498 465	454 079	389 418	64 661	-	41 658	2 728
Percentage	100	91.1	78.1	13.0	-	8.4	0.5
RURAL	90 962	70 272	59 818	10 454	-	20 407	283
Percentage	100	77.3	65.8	11.5	-	22.4	0.3

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
TRIPOLI	162 084	158 147	122 276	35 871	-	2 822	1 115
Percentage	100	97.6	75.4	22.1	-	1.7	0.7
BENGAZI	64 671	61 724	58 858	2 866	-	2 227	720
Percentage	100	95.4	91.0	4.4	-	3.4	1.1
Zawia	72 414	61 105	41 576	19 529	-	10 669	640
Percentage	100	84.4	57.4	27.0	-	14.7	0.9
Misurata	58 224	52 559	46 986	5 573	-	5 645	20
Percentage	100	90.3	80.7	9.6	-	9.7	0.0
Mauritius, 1990³							
TOTAL	236 635	132 538	132 538	-	92 809	11 266	22
Percentage	100	56.0	56.0	-	39.2	4.8	0.0
URBAN	97 441	70 526	70 526	-	25 444	1 460	11
Percentage	100	72.4	72.4	-	26.1	1.5	0.0
RURAL	139 194	62 012	62 012	-	67 365	9 806	11
Percentage	100	44.6	44.6	-	48.4	7.0	0.0
PORT-LOUIS	30 780	16 040	16 040	-	14 040	695	5
Percentage	100	52.1	52.1	-	45.6	2.3	0.0
Niger, 1998							
TOTAL	1 129 126	169 203	...	...	122 018	837 905	...
Percentage	100	15.0	...	...	10.8	74.2	...
URBAN	182 969	148 388	...	...	6 587	27 994	...
Percentage	100	81.1	...	...	3.6	15.3	...
RURAL	946 157	20 815	...	...	115 431	809 910	...
Percentage	100	2.2	...	...	12.2	85.6	...
Senegal, 1994⁴							
TOTAL	777 931	370 295	164 143	206 152	345 366	62 270	...
Percentage	100	47.6	21.1	26.5	44.4	8.0	...
URBAN	330 828	264 662	83 038	181 624	45 323	20 842	...
Percentage	100	80.0	25.1	54.9	13.7	6.3	...
RURAL	447 103	105 633	81 105	24 528	300 042	41 428	...
Percentage	100	23.6	18.1	5.5	67.1	9.3	...
DAKAR	183 533	153 097	41 437	111 660	16 868	13 568	...
Percentage	100	83.4	22.6	60.8	9.2	7.4	...
Seychelles, 1997⁵							
TOTAL	17 878	15 203	...	...	2 183	...	492
Percentage	100	85.0	...	...	12.2	...	2.8
RURAL	12 063	9 764	...	...	1 936	...	363
Percentage	100	80.9	...	...	16.0	...	3.0
PORT VICTORIA	5 815	5 439	...	...	247	...	129

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Percentage	100	93.5	...	...	4.2	...	2.2
South Africa, 1996							
TOTAL	9 059 571	3 976 855	...	...	4 926 745	103 948	52 023
Percentage	100	43.9	...	...	54.4	1.1	0.6
URBAN	5 426 873	3 580 163	...	...	1 773 954	46 190	26 566
Percentage	100	66.0	...	...	32.7	0.9	0.5
RURAL	3 632 698	396 692	...	...	3 152 791	57 758	25 457
Percentage	100	10.9	...	...	86.8	1.6	0.7
PRETORIA	214 633	186 315	...	...	26 921	355	1 042
Percentage	100	86.8	...	...	12.5	0.2	0.5
CAPE TOWN	60 271	57 248	...	...	2 761	58	204
Percentage	100	95.0	...	...	4.6	0.1	0.3
Durban	164 740	141 107	...	...	21 187	1 885	561
Percentage	100	85.7	...	...	12.9	1.1	0.3
Johannesburg	228 135	196 153	...	...	29 227	567	2 188
Percentage	100	86.0	...	...	12.8	0.2	1.0
St. Helena, 1998							
TOTAL	1 577	1 501	1 501	-	48	28	...
Percentage	100	95.2	95.2	-	3.0	1.8	...
URBAN	280	279	279	-	1	-	...
Percentage	100	99.6	99.6	-	0.4	-	...
RURAL	1 297	1 222	1 222	-	47	28	...
Percentage	100	94.2	94.2	-	3.6	2.2	...
AMERICA, NORTH							
Bahamas, 1990							
TOTAL	61 906	47 610	32 891	14 719	2 042	12 074	180
Percentage	100	76.9	53.1	23.8	3.3	19.5	0.3
NASSAU	39 864	31 726	20 516	11 210	837	7 301	...
Percentage	100	79.6	51.5	28.1	2.1	18.3	...
Freeport, GR. Bahama	10 388	8 810	8 031	779	332	1 222	24
Percentage	100	84.8	77.3	7.5	3.2	11.8	0.2
Bermuda, 1991							
TOTAL	22 061	21 629	1 492	20 136	206	160	66
Percentage	100	98.0	6.8	91.3	0.9	0.7	0.3
URBAN	22 061	21 629	1 492	20 136	206	160	66
Percentage	100	98.0	6.8	91.3	0.9	0.7	0.3
HAMILTON	388	385	350	35	-	-	3
Percentage	100	99.2	90.2	9.0	-	-	0.8
Canada, 1997							

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
TOTAL	11 580 000	11 562 000	...	...	12 000	...	...
Percentage	100	99.8	...	...	0.1	...	...
Costa Rica, 1997⁶							
TOTAL	784 128	767 141	750 114	...	14 867	2 160	16 987
Percentage	100	97.8	95.7	...	1.9	0.3	2.2
URBAN	356 259	355 987	352 921	...	2 525	541	272
Percentage	100	99.9	99.1	...	0.7	0.2	0.1
RURAL	427 869	411 154	397 193	...	12 342	1 619	16 715
Percentage	100	96.1	92.8	...	2.9	0.4	3.9
Dominican Republic, 1993							
TOTAL	1 629 616	1 094 418	1 094 418	...	...	535 198	...
Percentage	100	67.2	67.2	...	...	32.8	...
SANTO DOMINGO	512 701	445 197	445 197	...	...	67 504	...
Percentage	100	86.8	86.8	...	...	13.2	...
Santiago de los Caballeros	161 654	105 847	105 847	...	...	55 807	...
Percentage	100	65.5	65.5	...	...	34.5	...
La Romana	37 781	30 420	30 420	...	...	7 361	...
Percentage	100	80.5	80.5	...	...	19.5	...
San Pedro de Macoris	48 017	35 370	35 370	...	...	12 647	...
Percentage	100	73.7	73.7	...	...	26.3	...
Guatemala, 1994							
TOTAL	1 591 823	998 806	787 708	211 098	90 707	502 310	-
Percentage	100	62.7	49.5	13.3	5.7	31.6	-
URBAN	604 029	530 359	493 072	37 287	25 686	47 984	-
Percentage	100	87.8	81.6	6.2	4.3	7.9	-
RURAL	987 794	468 447	294 636	173 811	65 021	454 326	-
Percentage	100	47.4	29.8	17.6	6.6	46.0	-
Jamaica, 1991							
TOTAL	588 340	230 018	193 259	36 759	239 615	114 398	4 309
Percentage	100	39.1	32.8	6.2	40.7	19.4	0.7
URBAN	353 195	189 844	166 608	23 236	140 475	20 516	2 360
Percentage	100	53.8	47.2	6.6	39.8	5.8	0.7
RURAL	235 145	40 174	26 651	13 523	99 140	93 882	1 949
Percentage	100	17.1	11.3	5.8	42.2	39.9	0.8
KINGSTON	147 279	95 132	85 319	9 813	48 102	3 169	876
Percentage	100	64.6	57.9	6.7	32.7	2.2	0.6
Spanish Town	26 666	13 721	12 677	1 044	11 104	1 663	178
Percentage	100	51.5	47.5	3.9	41.6	6.2	0.7
Portmore	22 030	19 192	18 713	479	2 383	276	179

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Percentage	100	87.1	84.9	2.2	10.8	1.3	0.8
Montego Bay	21 316	11 283	10 040	1 243	8 778	1 156	99
Percentage	100	52.9	47.1	5.8	41.2	5.4	0.5
Mexico, 1996⁷							
TOTAL	20 199 398	11 570 944	...	...	5 740 841	2 887 614	...
Percentage	100	57.3	...	...	28.4	14.3	...
URBAN	15 318 401	10 711 312	...	...	3 596 017	1 011 072	...
Percentage	100	69.9	...	...	23.5	6.6	...
RURAL	4 880 997	859 632	...	...	2 144 824	1 876 541	...
Percentage	100	17.6	...	...	43.9	38.4	...
Nicaragua, 1998							
TOTAL	473 434	210 784	210 784	...	258 224	4 426	...
Percentage	100	44.5	44.5	...	54.5	0.9	...
URBAN	369 890	188 634	188 634	...	180 815	441	...
Percentage	100	51.0	51.0	...	48.9	0.1	...
RURAL	103 544	22 150	22 150	...	77 409	3 986	...
Percentage	100	21.4	21.4	...	74.8	3.8	...
MANAGUA	160 149	93 457	93 457	...	66 692	-	...
Percentage	100	58.4	58.4	...	41.6	-	...
Leon	21 008	15 018	15 018	...	5 990	-	...
Percentage	100	71.5	71.5	...	28.5	-	...
Jinotepe	4 211	3 580	3 580	...	631	-	...
Percentage	100	85.0	85.0	...	15.0	-	...
Matagalpa	9 377	4 517	4 517	...	4 668	192	...
Percentage	100	48.2	48.2	...	49.8	2.0	...
Panama, 1990⁸							
TOTAL	524 284	423 168	...	...	...	101 116	...
Percentage	100	80.7	...	...	...	19.3	...
URBAN	295 105	287 494	...	...	...	7 611	...
Percentage	100	97.4	...	...	...	2.6	...
RURAL	229 179	135 674	...	...	...	93 505	...
Percentage	100	59.2	...	...	...	40.8	...
PANAMA	105 409	86 164	86 164	...	18 734	511	...
Percentage	100	81.7	81.7	...	17.8	0.5	...
San Miguelito	51 645	36 952	36 829	123	14 497	196	...
Percentage	100	71.6	71.3	0.2	28.1	0.4	...
Colon	37 118	21 789	21 724	65	15 207	122	...
Percentage	100	58.7	58.5	0.2	41.0	0.3	...
David	23 741	14 213	14 119	94	6 648	2 880	...

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Percentage	100	59.9	59.5	0.4	28.0	12.1	...
Puerto Rico, 1990⁶							
TOTAL	1 054 924	1 011 249	...	...	...	...	...
Percentage	...	95.9	...	...	...	...	...
SAN JUAN	150 592	150 124	...	...	...	...	...
Percentage	...	99.7	...	...	...	...	...
Bayamon	65 785	65 388	...	...	...	...	...
Percentage	...	99.4	...	...	...	...	...
Ponce	54 191	51 857	...	...	...	...	...
Percentage	...	95.7	...	...	...	...	...
Carolina	54 466	54 230	...	...	...	...	...
Percentage	...	99.6	...	...	...	...	...
Saint Lucia, 1999							
TOTAL	33 079	15 812	15 812	...	15 183	2 084	...
Percentage	100	47.8	47.8	...	45.9	6.3	...
CASTRIES	13 179	8 066	8 066	...	4 455	646	...
Percentage	100	61.2	61.2	...	33.8	4.9	...
Vieux-Fort	3 097	1 220	1 220	...	1 610	263	...
Percentage	100	39.4	39.4	...	52.0	8.5	...
Soufriere	1 905	960	960	...	792	150	...
Percentage	100	50.4	50.4	...	41.6	7.9	...
Gros Islet	3 656	2 029	2 029	...	1 506	121	...
Percentage	100	55.5	55.5	...	41.2	3.3	...
United States⁶							
TOTAL, 1997	99 487 000	99 102 000	88 008 000	11 014 000	...	...	...
Percentage	...	99.6	88.5	11.1	...	...	...
URBAN	71 317 000	71 101 000	70 055 000	1 046 000	...	...	...
Percentage	...	99.7	98.2	1.5	...	...	...
RURAL	28 170 000	28 001 000	17 954 000	10 047 000	...	...	...
Percentage	...	99.4	63.7	35.7	...	...	...
WASHINGTON D.C., 1993	1 519 200	1 518 900	1 420 400	98 500	...	...	...
Percentage	100	100.0	93.5	6.5	...	...	...
New York, 1991	4 156 100	4 155 300	4 054 600	100 700	...	...	...
Percentage	100	100.0	97.6	2.4	...	...	...
Los Angeles, 1995	2 947 500	2 947 500	2 926 600	20 900	...	...	...
Percentage	100	100.0	99.3	0.7	...	...	...
Houston, 1991	1 264 200	1 263 800	1 164 100	99 700	...	...	...
Percentage	100	100.0	92.1	7.9	...	...	...
AMERICA, SOUTH							

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Argentina, 1991							
TOTAL	8 515 441	6 587 594	5 383 711	1 203 883	1 271 318	448 764	207 765
Percentage	100	77.4	63.2	14.1	14.9	5.3	2.4
URBAN	7 505 862	6 184 510	5 230 741	953 769	897 220	261 982	162 150
Percentage	100	82.4	69.7	12.7	12.0	3.5	2.2
RURAL	1 009 579	403 084	152 970	250 114	374 098	186 782	45 615
Percentage	100	39.9	15.2	24.8	37.1	18.5	4.5
Bolivia, 1997							
TOTAL	1 822 785	1 183 593	...	...	112 587	503 538	23 067
Percentage	100	64.9	...	...	6.2	27.6	1.3
URBAN	1 094 237	971 352	...	...	53 560	59 470	9 855
Percentage	100	88.8	...	...	4.9	5.4	0.9
RURAL	728 548	212 241	...	...	59 027	444 068	13 212
Percentage	100	29.1	...	...	8.1	61.0	1.8
LA PAZ	179 460	160 817	...	...	14 890	2 081	1 672
Percentage	100	89.6	...	...	8.3	1.2	0.9
Santa Cruz de la Sierra	192 990	188 395	...	...	1 674	2 292	629
Percentage	100	97.6	...	...	0.9	1.2	0.3
Cochabamba	127 761	103 050	...	...	1 792	22 232	687
Percentage	100	80.7	...	...	1.4	17.4	0.5
Oruro	51 626	49 096	...	...	1 244	0	1 286
Percentage	100	95.1	...	...	2.4	0.0	2.5
Brazil, 1998							
TOTAL	41 839 703	35 443 078	31 459 922	3 982 755	1 523 608	4 865 291	...
Percentage	100	84.7	75.2	9.5	3.6	11.6	...
URBAN	33 993 829	31 542 928	30 102 685	1 439 842	1 122 778	1 321 496	...
Percentage	100	92.8	88.6	4.2	3.3	3.9	...
RURAL	7 845 874	3 900 150	1 357 237	2 542 913	400 830	3 543 795	...
Percentage	100	49.7	17.3	32.4	5.1	45.2	...
BRASILIA, DF	506 538	486 209	461 902	24 307	13 419	6 910	...
Percentage	100	96.0	91.2	4.8	2.6	1.4	...
Sao Paolo	4 653 683	4 614 646	4 562 598	52 048	9 542	29 495	...
Percentage	100	99.2	98.0	1.1	0.2	0.6	...
Rio de Janeiro	3 167 596	3 058 053	2 818 672	239 381	22 025	84 042	...
Percentage	100	96.5	89.0	7.6	0.7	2.7	...
Belo Horizonte	1 045 310	1 015 184	994 771	20 413	12 697	17 429	...
Percentage	100	97.1	95.1	2.0	1.2	1.7	...
Colombia, 1993⁹							
TOTAL	6 885 748	5 487 403	...	...	549 684	848 661	...

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Percentage	100	79.7	...	...	8.0	12.3	...
URBAN	5 173 367	4 837 400	...	...	119 170	216 797	...
Percentage	100	93.5	...	...	2.3	4.2	...
RURAL	1 712 381	650 003	...	...	430 514	631 864	...
Percentage	100	38.0	...	...	25.1	36.9	...
BOGOTA	1 206 384	1 179 813	...	...	7 073	19 498	...
Percentage	100	97.8	...	...	0.6	1.6	...
Cali	379 382	368 368	...	...	4 255	6 759	...
Percentage	100	97.1	...	...	1.1	1.8	...
Medellin	382 108	373 853	...	...	1 527	6 728	...
Percentage	100	97.8	...	...	0.4	1.8	...
Barranquilla	193 191	180 471	...	...	1 483	11 237	...
Percentage	100	93.4	...	...	0.8	5.8	...
Uruguay, 1996¹⁰							
TOTAL	970 037	745 032	...	...	77 473	141 340	6 192
Percentage	100	76.8	...	...	8.0	14.6	0.6
URBAN	884 794	737 397	...	...	75 227	67 167	5 003
Percentage	100	83.3	...	...	8.5	7.6	0.6
RURAL	85 243	7 635	...	...	2 246	74 173	1 189
Percentage	100	9.0	...	...	2.6	87.0	1.4
MONTEVIDEO	413 998	384 228	...	...	21 900	5 268	2 602
Percentage	100	92.8	...	...	5.3	1.3	0.6
Paysandu	21 451	18 479	...	...	1 852	990	130
Percentage	100	86.1	...	...	8.6	4.6	0.6
Rivera	18 437	14 321	...	...	2 204	1 798	114
Percentage	100	77.7	...	...	12.0	9.8	0.6
Salto	24 587	18 744	...	...	3 532	2 195	116
Percentage	100	76.2	...	...	14.4	8.9	0.5
ASIA							
Armenia, 1998¹¹							
TOTAL							
Percentage	100	66.7	...	...	19.1	5.9	8.3
URBAN							
Percentage	100	91.7	...	...	4.9	1.2	2.2
RURAL							
Percentage	100	28.1	...	...	41.1	13.0	17.8
China-Macau SAR, 1996							
TOTAL	113 794	113 329	113 329	...	...	465	...
Percentage	100	99.6	99.6	...	...	0.4	...

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Cyprus, 1992¹²							
TOTAL	185 235	176 487	176 487	-	6 937	1 416	395
Percentage	100	95.3	95.3	-	3.7	0.8	0.2
URBAN	125 320	122 912	122 912	-	1 513	564	331
Percentage	100	98.1	98.1	-	1.2	0.5	0.3
RURAL	59 915	53 575	53 575	-	5 424	852	64
Percentage	100	89.4	89.4	-	9.1	1.4	0.1
NICOSIA	55 006	54 491	54 491	-	265	159	91
Percentage	100	99.1	99.1	-	0.5	0.3	0.2
Limassol	41 973	41 168	41 168	-	527	240	38
Percentage	100	98.1	98.1	-	1.3	0.6	0.1
Larnaka	18 467	17 839	17 839	-	360	86	182
Percentage	100	96.6	96.6	-	1.9	0.5	1
Patos	9 874	9 414	9 414	-	361	79	20
Percentage	100	95.3	95.3	-	3.7	0.8	0.2
Georgia, 1989¹³							
TOTAL	...	...	...	...	...	...	...
Percentage	...	59.1	...	...	...	...	...
URBAN	...	...	...	...	...	...	...
Percentage	...	90.1	...	...	...	...	...
RURAL	...	...	...	...	...	...	...
Percentage	...	21.9	...	...	...	...	...
TBILISI	...	...	...	...	...	...	...
Percentage	...	98.0	...	...	...	...	...
Iran, 1996							
TOTAL	12 280 539	10 712 271	...	...	...	...	...
Percentage	...	87.2	...	...	...	...	...
URBAN	7 929 830	7 633 409	...	...	...	...	...
Percentage	...	96.3	...	...	...	...	...
RURAL	4 350 709	3 078 862	...	...	...	...	...
Percentage	...	70.8	...	...	...	...	...
TEHERAN	1 653 830	1 635 254	...	...	...	...	...
Percentage	...	98.9	...	...	...	...	...
Mashhad	407 774	405 188	...	...	...	...	...
Percentage	...	99.4	...	...	...	...	...
Esfahan	297 297	292 961	...	...	...	...	...
Percentage	...	98.5	...	...	...	...	...
Tabriz City	268 752	249 213	...	...	...	...	...
Percentage	...	92.7	...	...	...	...	...

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Kazakhstan, 1998¹⁴							
TOTAL							...
Percentage	100	61.4	...	...	34.9	3.7	...
URBAN							...
Percentage	100	87.6	...	...	12.3	0.1	...
RURAL							...
Percentage	100	21.5	...	...	69.3	9.2	...
Korea, Republic of, 1995							
TOTAL	11 354 540	11 051 209	8 401 945	2 649 264	...	164 895	138 436
Percentage	100	97.3	74.0	23.3	...	1.5	1.2
URBAN	8 462 417	8 305 064	7 648 127	656 937	...	30 829	126 524
Percentage	100	98.1	90.4	7.8	...	0.4	1.5
RURAL	2 892 123	2 746 145	753 818	1 992 327	...	134 066	11 912
Percentage	100	95.0	26.1	68.9	...	4.6	0.4
SEOUL	2 814 845	2 758 240	2 690 686	67 554	...	2 496	54 109
Percentage	100	98.0	95.6	2.4	...	0.1	1.9
Pusan	993 375	966 405	910 527	55 878	...	6 999	19 971
Percentage	100	97.3	91.7	5.6	...	0.7	2.1
Taegu	597 150	591 026	571 244	19 782	...	1 789	4 335
Percentage	100	99.0	95.7	3.3	...	0.3	0.7
Suwon	171 605	170 089	145 263	24 826	...	104	1 412
Percentage	100	99.1	84.6	14.5	...	0.1	0.8
Malaysia Peninsular, 1991							
TOTAL	3 526 675	2 731 578	2 731 578	...	294 240	500 857	...
Percentage	100	77.5	77.5	...	8.3	14.2	...
URBAN	1 954 524	1 765 520	1 765 520	...	100 222	88 782	...
Percentage	100	90.3	90.3	...	5.1	4.5	...
RURAL	1 572 151	966 058	966 058	...	194 018	412 075	...
Percentage	100	61.4	61.4	...	12.3	26.2	...
W.P KUALA LUMPUR	242 380	228 815	228 815	...	10 526	3 039	...
Percentage	100	94.4	94.4	...	4.3	1.3	...
Majlis Perbandaran Ipoh	84 762	79 396	79 396	...	2 574	2 792	...
Percentage	100	93.7	93.7	...	3.0	3.3	...
George Town	43 152	42 451	42 451	...	545	156	...
Percentage	100	98.4	98.4	...	1.3	0.4	...
Majlis Perbandaran Johor Bharu	69 612	63 725	63 725	...	3 381	2 506	...
Percentage	100	91.5	91.5	...	4.9	3.6	...
Malaysia - Sabah, 1991							
KOTA KINABALU	38 740	28 446	28 446	...	6 662	3 632	...

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Percentage	100	73.4	73.4	...	17.2	9.4	...
Tawau	48 051	24 499	24 499	...	6 413	17 139	...
Percentage	100	51.0	51.0	...	13.3	35.7	...
Sandakan	40 367	20 240	20 240	...	10 115	10 012	...
Percentage	100	50.1	50.1	...	25.1	24.8	...
Keningau	17 486	6 056	6 056	...	5 392	6 038	...
Percentage	100	34.6	34.6	...	30.8	34.5	...
Malaysia - Sarawak, 1991							
KUCHING	68 344	55 853	55 853	...	7 160	5 331	...
Percentage	100	81.7	81.7	...	10.5	7.8	...
Sibu	34 658	25 649	25 649	...	3 524	5 485	...
Percentage	100	74.0	74.0	...	10.2	15.8	...
Miri	33 284	22 174	22 174	...	3 185	7 925	...
Percentage	100	66.6	66.6	...	9.6	23.8	...
Pakistan, 1998							
TOTAL	19 344 232	5 307 256	5 307 256	-	749 119	13 287 857	...
Percentage	100	27.4	27.4	-	3.9	68.7	...
URBAN	6 240 469	3 639 048	3 639 048	-	296 096	2 305 325	...
Percentage	100	58.3	58.3	-	4.7	36.9	...
RURAL	13 103 763	1 668 208	1 668 208	-	453 023	10 982 532	...
Percentage	100	12.7	12.7	-	3.5	83.8	...
ISLAMABAD	86 575	65 098	65 098	-	5 896	15 581	...
Percentage	100	75.2	75.2	-	6.8	18.0	...
Syrian Arab Republic, 1994							
TOTAL	2 185 757	1 934 577	1 644 658	289 919	42 508	208 502	170
Percentage	100	88.5	75.2	13.3	1.9	9.5	0.1
URBAN	1 178 106	1 148 564	1 079 555	69 009	4 445	25 007	90
Percentage	100	97.5	91.6	5.9	0.4	2.1	0.0
RURAL	1 007 651	786 013	565 103	220 910	38 063	183 495	80
Percentage	100	78.0	56.1	21.9	3.8	18.2	0.0
DAMASCUS	233 859	230 013	221 705	8 308	291	3 522	33
Percentage	100	98.4	94.8	3.6	0.1	1.5	0.0
Lattakia	129 784	109 639	89 197	20 442	5 423	14 717	5
Percentage	100	84.5	68.7	15.8	4.2	11.3	0.0
Homs	179 387	170 335	136 013	34 322	2 066	6 980	6
Percentage	100	95.0	75.8	19.1	1.2	3.9	0.0
Aleppo	458 237	408 854	325 510	83 344	5 839	43 510	34
Percentage	100	89.2	71.0	18.2	1.3	9.5	0.0
Thailand, 1995							

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
TOTAL	15 002 591	2 806 011	...	...	349 896	11 843 001	3 683
Percentage	100	18.7	...	...	2.3	78.9	0.0
URBAN	3 046 293	1 464 549	...	...	189 787	1 390 507	1 449
Percentage	100	48.1	...	...	6.2	45.6	0.0
RURAL	11 956 299	1 341 462	...	...	160 109	10 452 494	2 234
Percentage	100	11.2	...	...	1.3	87.4	0.0
EUROPE							
Austria, 1999¹⁵							
TOTAL	3 242 400	3 233 600	...	...	8 800	...	...
Percentage	100	99.7	...	...	0.3	...	...
URBAN	2 559 900	2 552 700	...	...	7 200	...	...
Percentage	100	99.7	...	...	0.3	...	...
RURAL	682 500	680 900	...	...	1 600	...	...
Percentage	100	99.8	...	...	0.2	...	...
Belgium, 1991							
TOTAL	3 748 164	3 732 701	3 732 701	...	...	...	...
Percentage	...	99.6	99.6	...	...	...	...
URBAN	3 740 771	3 725 392	3 725 392	...	...	...	...
Percentage	...	99.6	99.6	...	...	...	...
RURAL	7 393	7 309	7 309	...	...	...	...
Percentage	...	98.9	98.9	...	...	...	...
BRUXELLES	394 468	393 604	393 604	...	...	...	...
Percentage	...	99.8	99.8	...	...	...	...
Antwerpen	207 730	207 647	207 647	...	...	...	...
Percentage	...	99.9	99.9	...	...	...	...
Gent	96 526	96 251	96 251	...	...	...	...
Percentage	...	99.7	99.7	...	...	...	...
Charleroi	81 044	80 912	80 912	...	...	...	...
Percentage	...	99.8	99.8	...	...	...	...
Bulgaria, 1992							
TOTAL	2 950 873	2 638 398	...	...	266 256	46 219	...
Percentage	100	89.4	...	...	9.0	1.6	...
URBAN	1 977 184	1 906 481	...	...	64 541	6 162	...
Percentage	100	96.4	...	...	3.3	0.3	...
RURAL	973 689	731 917	...	...	201 715	40 057	...
Percentage	100	75.2	...	...	20.7	4.1	...
Croatia, 1991¹⁶							
TOTAL	1 544 250	1 296 139	1 104 630	191 509	...	248 111	...
Percentage	100	83.9	71.5	12.4	...	16.1	...

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
URBAN	878 282	845 652	809 334	36 318	...	32 630	...
Percentage	100	96.3	92.1	4.1	...	3.7	...
RURAL	665 968	450 487	295 296	155 191	...	215 481	...
Percentage	100	67.6	44.3	23.3	...	32.4	...
Czech Republic, 1991							
TOTAL	4 043 250	3 922 057	...	...	43 756	75 457	1 980
Percentage	100	97.0	...	...	1.1	1.9	0.0
PRAHA	545 781	541 072	...	...	3 300	1 211	198
Percentage	100	99.1	...	...	0.6	0.2	0.0
Brno	165 622	164 858	...	...	363	372	29
Percentage	100	99.5	...	...	0.2	0.2	0.0
Ostrava	133 434	133 122	...	...	156	49	107
Percentage	100	99.8	...	...	0.1	0.0	0.1
Plzen	72 675	71 290	...	...	1 152	208	25
Percentage	100	98.1	...	...	1.6	0.3	0.0
Finland, 1998¹⁷							
TOTAL	2 449 115	...	2 369 570	...	...	...	...
Percentage	...	...	96.8	...	...	...	...
URBAN	1 541 437	...	1 521 212	...	...	...	...
Percentage	...	...	98.7	...	...	...	...
RURAL	907 678	...	848 358	...	...	...	...
Percentage	...	...	93.5	...	...	...	...
HELSINKI	290 128	...	289 452	...	...	...	...
Percentage	...	...	99.8	...	...	...	...
Tampere	100 730	...	100 119	...	...	...	...
Percentage	...	...	99.4	...	...	...	...
Espoo	88 640	...	87 446	...	...	...	...
Percentage	...	...	98.7	...	...	...	...
Turku	96 542	...	95 384	...	...	...	...
Percentage	...	...	98.8	...	...	...	...
Germany, 1998							
TOTAL	34 865 300	34 865 300	...	...	...	...	...
Percentage	100	100.0	...	...	...	...	...
BERLIN	1 718 900	1 718 900	...	...	...	...	...
Percentage	100	100.0	...	...	...	...	...
Hamburg	835 900	835 900	...	...	...	...	...
Percentage	100	100.0	...	...	...	...	...
Hungary, 1996¹⁸							
TOTAL	3 991 590	3 496 138	3 404 770	91 368	...	...	...

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Percentage	...	87.6	85.3	2.3	...	...	...
URBAN	2 554 218	2 392 345	2 367 153	25 192	...	...	...
Percentage	...	93.7	92.7	1.0	...	...	...
RURAL	1 437 372	1 103 793	1 037 617	66 176	...	...	...
Percentage	...	76.8	72.2	4.6	...	...	...
BUDAPEST	815 489	807 503	806 050	1 453	...	...	...
Percentage	...	99.0	98.8	0.2	...	...	...
Ireland, 1991							
TOTAL	1 019 723	1 005 233	876 048	129 185	...	12 658	1 832
Percentage	100	98.6	85.9	12.7	...	1.2	0.2
URBAN	593 481	592 696	590 773	1 923	...	167	618
Percentage	100	99.8	99.5	0.3	...	0.0	0.1
RURAL	426 242	412 537	285 275	127 262	...	12 491	1 214
Percentage	100	96.8	66.9	29.9	...	2.9	0.3
DUBLIN	158 916	158 504	158 504	...	...	...	412
Percentage	100	99.7	99.7	...	...	...	0.3
Cork	38 094	38 092	38 092	...	...	...	2
Percentage	100	99.9	99.9	...	...	...	0.0
Limerick	15 603	15 594	15 594	...	...	...	9
Percentage	100	99.9	99.9	...	...	...	0.1
Galway	14 404	14 401	14 401	...	...	...	3
Percentage	100	99.9	99.9	...	...	...	0.0
Lithuania, 1999							
TOTAL	1 306 061	972 965	...	...	...	...	...
Percentage	...	74.5	...	...	...	...	...
URBAN	890 208	798 580	...	...	...	...	...
Percentage	...	89.7	...	...	...	...	...
RURAL	415 853	174 385	...	...	...	...	...
Percentage	...	41.9	...	...	...	...	...
VILNIUS	192 566	182 702	...	...	...	...	...
Percentage	...	94.9	...	...	...	...	...
Kaunas	174 147	167 760	...	...	...	...	...
Percentage	...	96.3	...	...	...	...	...
Klaipeda	71 130	69 675	...	...	...	...	...
Percentage	...	98.0	...	...	...	...	...
Siauliai	52 224	47 826	...	...	...	...	...
Percentage	...	91.6	...	...	...	...	...
Netherlands, 1993							
TOTAL	6 676 700	6 676 700	6 676 700	...	...	...	...

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Percentage	100	100	100				
URBAN	4 430 200	4 430 200	4 430 200	...	...	...	...
Percentage	100	100	100				
RURAL	2 246 500	2 246 500	2 246 500	...	...	...	...
Percentage	100	100	100				
AMSTERDAM	401 500	401 500	401 500	...	...	...	...
Percentage	100	100	100				
Rotterdam	285 700	285 700	285 700	...	...	...	...
Percentage	100	100	100				
's Gravenhage	226 400	226 400	226 400	...	...	...	...
Percentage	100	100	100				
Utrecht	122 100	122 100	122 100	...	...	...	...
Percentage	100	100	100				
Poland, 1995							
TOTAL	12 498 473	11 268 623	9 642 572	1 626 051	...	...	...
Percentage	...	90.2	77.2	13.0	...	...	...
URBAN	8 383 622	8 143 012	7 794 253	348 759	...	...	...
Percentage	...	97.1	93.0	4.2	...	...	...
RURAL	4 114 851	3 125 611	1 848 319	1 277 292	...	...	...
Percentage	...	76.0	44.9	31.0	...	...	...
WARSZAWA	594 473	587 334	563 134	24 200	...	...	...
Percentage	...	98.8	94.7	4.1	...	...	...
Lodz	314 766	301 774	295 278	6 496	...	...	...
Percentage	...	95.9	93.8	2.1	...	...	...
Krakow ^b	238 760	233 360	215 680	12 480	...	...	...
Percentage	...	97.7	90.3	5.2	...	...	...
Wrockaw	240 293	201 971	199 778	2 193	...	...	...
Percentage	...	84.1	83.1	0.9	...	...	...
Portugal, 1991							
TOTAL	3 143 272	2 730 337	2 161 185	569 152	57 360	...	355 575
Percentage	100	86.9	68.8	18.1	1.8	...	11.3
URBAN	1 557 120	1 494 525	1 412 914	81 611	11 065	...	51 530
Percentage	100	96.0	90.7	5.2	0.7	...	3.3
RURAL	1 586 152	1 235 812	748 271	487 541	46 295	...	304 045
Percentage	100	77.9	47.2	30.7	2.9	...	19.2
LISBOA	244 013	235 858	231 060	4 798	687	...	7 468
Percentage	100	96.7	94.7	2.0	0.3	...	3.1
Porto	98 895	94 705	92 709	2 996	1 061	...	2 129
Percentage	100	95.8	93.7	3.0	1.1	...	2.2

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Amandora	43 694	42 527	42 229	298	233	...	934
Percentage	100	97.3	96.6	0.7	0.5	...	2.1
Setubal	28 073	27 534	27 271	263	180	...	359
Percentage	100	98.1	97.1	0.9	0.6	...	1.3
United Kingdom, 1996¹⁹							
TOTAL	48 705 000	48 274 000	...	...	...	430 000	...
Percentage	100	99.1	...	...	...	0.9	...
URBAN	44 992 000	44 632 000	...	...	...	360 000	...
Percentage	100	99.2	...	...	...	0.8	...
RURAL	3 712 000	3 641 000	...	...	...	71 000	...
Percentage	100	98.1	...	...	...	1.9	...
Yugoslavia, 1991²⁰							
TOTAL	2 648 617	2 250 031	1 897 153	352 878	...	398 586	...
Percentage	100	85.0	71.6	13.3	...	15.0	...
BEOGRAD	390 065	382 811	379 904	2 907	...	7 254	...
Percentage	100	98.1	97.4	0.7	...	1.9	...
Novi Sad	65 087	63 448	62 983	465	...	1 639	...
Percentage	100	97.5	96.8	0.7	...	2.5	...
Nis	56 951	55 759	55 199	560	...	1 192	...
Percentage	100	97.9	96.9	1.0	...	2.1	...
Kragujevac	45 666	42 174	40 053	2 121	...	3 492	...
Percentage	100	92.4	87.7	4.6	...	7.6	...
OCEANIA							
Australia, 1998							
TOTAL	6 999 700	6 496 800	...	...	...	...	...
Percentage	...	92.8	...	...	...	...	...
URBAN	4 293 000	4 215 700	...	...	...	...	...
Percentage	...	98.2	...	...	...	...	...
RURAL	2 706 700	2 281 100	...	...	...	...	...
Percentage	...	84.3	...	...	...	...	...
Guam, 1990							
TOTAL	31 373	31 207	31 179	28	68	98	...
Percentage	100	99.5	99.4	0.1	0.2	0.3	...
URBAN	12 351	12 318	12 312	6	14	19	...
Percentage	100	99.7	99.7	0.0	0.1	0.2	...
RURAL	19 022	18 889	18 867	22	54	79	...
Percentage	100	99.3	99.2	0.1	0.3	0.4	...
Dededo	6 963	6 931	6 918	13	13	19	...
Percentage	100	99.5	99.4	0.2	0.2	0.3	...

(See notes at end of table.)

	Total	With piped water inside housing unit			Piped water outside unit but within 200 meters	Other	Not stated
		Total	From community source	From private source			
Tamuning	4 982	4 976	4 974	2	4	2	...
Percentage	100	99.9	99.8	0.0	0.1	0.0	...
Yigo	3 370	3 335	3 335	1	15	20	...
Percentage	100	99	99.0	0.0	0.4	0.6	...
Santa Rita	2 287	2 281	2 279	2	-	6	...
Percentage	100	99.7	99.7	0.1	-	0.3	...
Pitcairn, 1999							
RURAL	22	22	-	22	...	...	...
Percentage	100	100.0	-	100.0	...	...	...
Tonga, 1996²¹							
TOTAL	16 194	13 705	...	...	...	10 012	...
Percentage	...	84.6	...	...	...	61.8	...

NOTES

¹ The category "other" refers to households without piped water. The category "piped water outside unit" also includes piped water inside the building.

² Data reported in percentages only.

³ The category "piped water outside unit but within 200 meters" includes households using public fountains. The category "other" refers to tank wagon, well/river.

⁴ Data for the category "piped water inside housing unit from community source" refers to public tap and "from private source" refers to piped water inside housing unit. Data for "piped water outside unit but within 200 meters" refer to wells and bore holes. Data for the category "other" refer to tap belonging to a neighbor, to a stream and so forth.

⁵ Data for the category "with piped water inside the housing unit" also include 14,254 households with access to treated piped water. Data for category "piped water outside the housing unit but within 200 meters" also include 1,917 households with access to stand pipes with treated or untreated water.

⁶ Data as reported; the total differs from the sum of the categories.

⁷ The category "other" refers to wells and water carried in ox carts.

⁸ The category "other" refers to sanitary and superficial well, river or stream, tank or delivery car.

⁹ There is no distinction of source of water piped inside the unit.

¹⁰ Data for the category "piped water outside housing unit but within 200 meters" refer to housing units with piped water outside housing unit but not within a known distance.

¹¹ Data reported in percentages and are based on integrated survey of 3,600 households.

¹² The category "other" refers to households without facilities for piped water.

¹³ Data refer to population, not households.

¹⁴ Data reported in percentages only and are based on a survey of 6,000 households.

¹⁵ Data refer to private households only. Data are reported in thousands and in some cases have been rounded.

¹⁶ Data exclude institutional households.

¹⁷ Data refer to dwellings.

¹⁸ Data are based on 2 per cent sample. Data refer to households in conventional dwellings only.

¹⁹ Small discrepancies between cell counts and marginal totals may arise from rounding.

²⁰ All data are estimates.

²¹ One household may have two or more sources of water supply available. For example, a household may have piped water as well as have its own water tank.