

5. Households in housing units by type of toilet: country or area, urban/rural, cities, latest available year

Technical notes

Definitions

A *toilet* is defined as an installation for the disposal of human excreta.

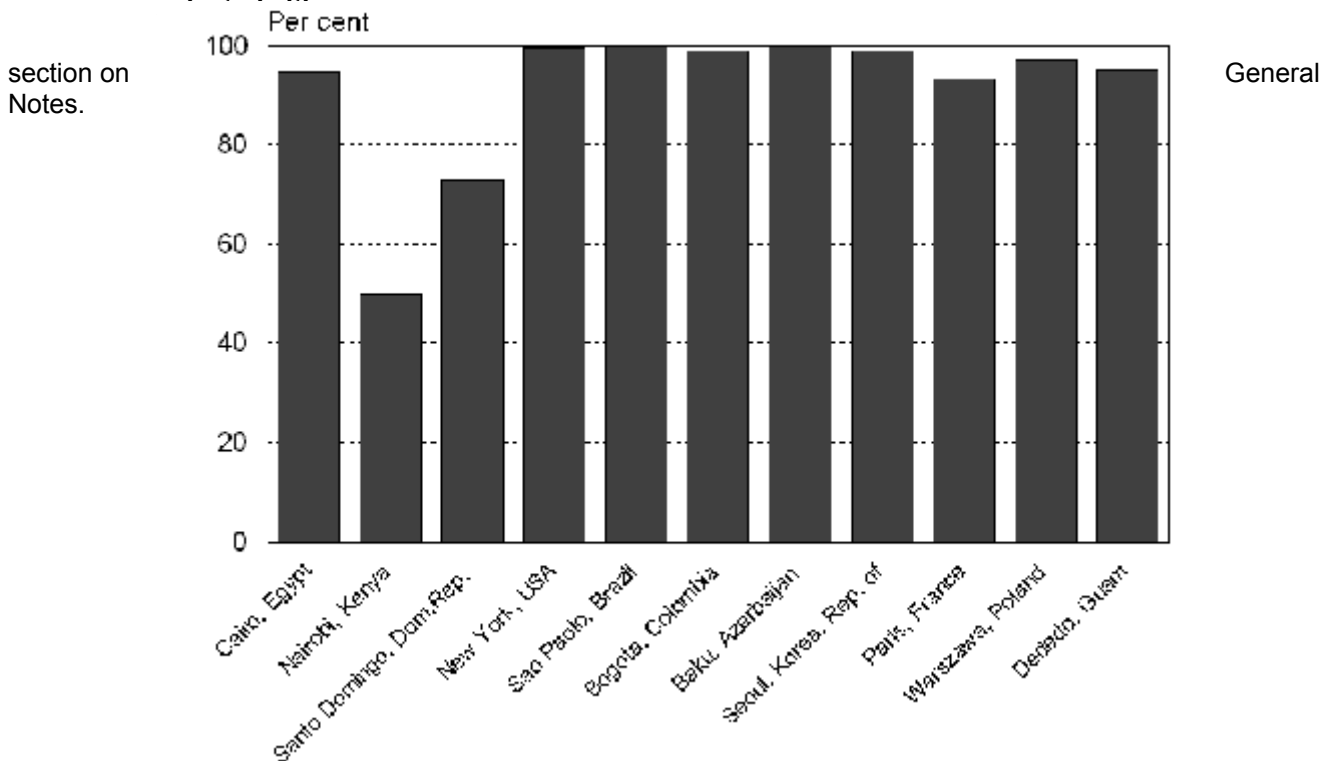
A *toilet inside unit* refers to an installation, either flush or non-flush located within walls that constitute a housing unit. A *toilet outside unit* refers to units where either a flush or a non-flush toilet is available to occupants, but it is located outside the unit's walls.

A *flush toilet* is an installation provided with piped water that permits humans to discharge their wastes and from which the wastes are flushed by water. A *non-flush toilet* is not equipped with piped water.

Coverage

Data are presented for 62 countries or areas and 146 cities. For national definitions of urban and rural, see

Percentage of households with toilet facilities within the housing unit they occupy:



section on Notes.

General

5. Households in housing units by type of toilet: country or area, urban/rural, cities, latest available year

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
AFRICA							
Benin, 1994							
TOTAL	1 823 519	172 778	14 882	157 896	...	647 602	3 139
Percentage	100	21.0	1.8	19.2	...	78.6	0.4
Botswana, 1996^{2,3}							
TOTAL	276 209	...	...	...	...	...	...
Percentage	...	...	14.0	...	41.0	...	...
URBAN	140 883	...	...	...	...	...	...
Percentage	...	...	23.6	...	57.7	...	...
RURAL	135 325	...	...	...	...	...	...
Percentage	...	...	3.3	...	21.6	...	...
GABERONE	36 639	...	...	...	...	...	...
Percentage	...	...	33.5	...	63.5	...	...
Francistown	16 789	...	...	...	...	...	...
Percentage	...	...	21.0	...	54.0	...	...
Burkina Faso, 1991							
TOTAL	1 407 164	189 181	6 797	182 384	...	1 217 983	...
Percentage	100	13.4	0.5	13.0	...	86.6	...
URBAN	198 310	95 550	6 655	88 895	...	102 760	...
Percentage	100	48.2	3.4	44.8	...	51.8	...
RURAL	1 208 854	93 631	142	93 489	...	1 115 223	...
Percentage	100	7.7	0.0	7.7	...	92.3	...
OUAGADOUGOU	98 206	57 787	3 293	54 494	...	40 419	...
Percentage	100	58.8	3.4	55.5	...	41.2	...
Bobo Dioulasso	42 205	11 843	1 972	9 871	...	30 362	...
Percentage	100	28.1	4.7	23.4	...	71.9	...
Koudougou	7 622	4 704	226	4 478	...	2 918	...
Percentage	100	61.7	3.0	58.8	...	38.3	...
Ouahigouya	7 585	3 840	77	3 763	...	3 745	...
Percentage	100	50.6	1	49.6	...	49.4	...
Congo, 1984							
TOTAL	363 140	23 651	...	...	89 953	217 423	32 113
Percentage	100	6.5	...	...	24.8	59.9	8.8
URBAN	181 331	17 490	...	...	9 247	142 044	12 550
Percentage	100	9.6	...	...	5.1	78.3	6.9
RURAL	181 809	6 161	...	...	80 706	75 379	19 563

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
Percentage	100	3.4	...	...	44.4	41.5	10.8
Egypt, 1996^{3,4}							
TOTAL	12 702 600	10 839 922	...	...	1 183 393	3/	...
URBAN	5 839 877	5 523 842	...	...	483 551	3/	...
RURAL	6 862 723	5 316 080	...	...	699 842	3/	...
CAIRO	1 657 081	1 569 053	...	...	163 124	3/	...
Alexandria	799 755	738 721	...	...	81 356	3/	...
Giza	534 180	511 508	...	...	35 795	3/	...
Shobra-El-Khema	192 448	177 187	...	...	17 358	3/	...
Gambia, 1993							
TOTAL	116 001	82 621	9 194	73 427	16 768	11 321	5 291
Percentage	100	71.2	7.9	63.3	14.5	9.8	4.6
URBAN	54 042	42 879	8 524	34 355	7 787	1 394	1 982
Percentage	100	79.3	15.8	63.6	14.4	2.6	3.7
RURAL	61 959	39 742	670	39 072	8 981	9 927	3 309
Percentage	100	64.1	1.1	63.1	14.5	16.0	5.3
BANJUL	7 032	6 355	2 385	3 970	520	64	93
Percentage	100	90.4	33.9	56.5	7.4	0.9	1.3
Kanifing	31 426	25 187	5 471	19 716	4 354	667	1 218
Percentage	100	80.1	17.4	62.7	13.9	2.1	3.9
Kenya, 1989²							
TOTAL							
Percentage	100	6.7	...	...	68.5	24.8	...
URBAN							
Percentage	100	28.7	...	...	57.0	14.3	...
RURAL							
Percentage	100	0.4	...	...	71.8	27.8	...
NAIROBI							
Percentage	100	50.3	...	...	39.4	10.3	...
Mombasa							
Percentage	100	10.0	...	...	68.6	21.4	...
Lesotho, 1996⁹							
TOTAL	370 972	169 514	11 855	157 659	2 589	198 869	...
Percentage	100	45.7	3.2	42.5	0.7	53.6	...
Libyan Arab Jamahiriya, 1995							
TOTAL	711 837	664 625	664 625	...	24 358	...	22 854
Percentage	100	93.4	93.4	...	3.4	...	3.2
TRIPOLI	206 292	196 259	196 259	...	2 513	...	7 520
Percentage	100	95.1	95.1	...	1.2	...	3.6
BENGAZI	101 694	98 412	98 412	...	1 287	...	1 995

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
Percentage	100	96.8	96.8	...	1.3	...	2.0
Zawia	78 594	71 558	71 558	...	2 769	...	4 272
Percentage	100	91.0	91.0	...	3.5	...	5.4
Misurata	66 908	63 001	63 001	...	2 462	...	1 445
Percentage	100	94.2	94.2	...	3.7	...	2.2
Mauritius, 1990							
TOTAL	236 635	234 875	148 588	86 287	...	1 756	4
Percentage	100	99.3	62.8	36.5	...	0.7	0.0
URBAN	97 441	97 171	81 451	15 720	...	268	2
Percentage	100	99.7	83.6	16.1	...	0.3	0.0
RURAL	139 194	137 704	67 137	70 567	...	1 488	2
Percentage	100	98.9	48.2	50.7	...	1.1	0.0
PORT-LOUIS	30 780	30 602	25 850	4 752	...	177	1
Percentage	100	99.4	84.0	15.4	...	0.6	0.0
Niger, 1998							
TOTAL	1 129 126	13 817	...	...	153 483	957 556	4 271
Percentage	100	1.2	...	...	13.6	84.8	0.4
URBAN	182 969	10 978	...	...	115 636	53 976	2 379
Percentage	100	6.0	...	...	63.2	29.5	1.3
RURAL	946 157	2 838	...	...	37 846	903 580	1 892
Percentage	100	0.3	...	...	4.0	95.5	0.2
Senegal, 1994⁵							
TOTAL	777 931	329 512	52 069	277 443	237 031	211 388	...
Percentage	100	42.4	6.7	35.7	30.5	27.2	...
URBAN	330 828	256 045	50 860	205 185	14 245	60 537	...
Percentage	100	77.4	15.4	62.0	4.3	18.3	...
RURAL	447 103	73 467	1 209	72 258	222 786	150 850	...
Percentage	100	16.4	0.3	16.2	49.8	33.7	...
DAKAR	183 533	165 198	30 803	134 395	4 217	14 118	...
Percentage	100	90.0	16.8	73.2	2.3	7.7	...
Seychelles, 1997							
TOTAL	17 878	15 428	15 428	-	1 601	255	594
Percentage	100	86.3	86.3	-	9.0	1.4	3.3
RURAL	12 063	10 061	10 061	-	1 392	179	431
Percentage	100	83.4	83.4	-	11.5	1.5	3.6
PORT VICTORIA	5 815	5 367	5 367	-	209	76	163
Percentage	100	92.3	92.3	-	3.6	1.3	2.8
South Africa, 1996⁶							
TOTAL	9 059 571	7 892 632	4 552 854	3 339 778	...	1 118 132	48 807
Percentage	100	87.2	50.3	36.9	...	12.3	0.5

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
URBAN	5 426 873	5 202 462	4 239 164	964 298	...	198 739	24 672
Percentage	100	95.9	78.1	17.8	...	3.7	0.5
RURAL	3 632 698	2 689 170	313 690	2 375 480	...	919 343	24 135
Percentage	100	74.0	8.6	65.4	...	25.3	0.7
PRETORIA	214 634	211 023	198 162	12 861	...	2 607	1 004
Percentage	100	98.3	92.3	6.0	...	1.2	0.5
CAPE TOWN	60 268	59 315	58 049	1 266	...	753	200
Percentage	100	98.4	96.3	2.1	...	1.2	0.3
Durban	164 740	161 013	141 483	19 530	...	3 220	507
Percentage	100	97.7	85.9	11.9	...	2.0	0.3
Johannesburg	228 140	223 810	210 458	13 352	...	2 216	2 114
Percentage	100	98.1	92.2	5.9	...	1.0	0.9
St. Helena, 1998							
TOTAL	1 577	1 573	1 501	72	...	4	...
Percentage	100	99.7	95.2	4.6	...	0.3	...
URBAN	289	289	287	2	...	...	...
Percentage	100	100.0	99.3	0.7	...	...	...
RURAL	1 288	1 284	1 214	70	...	4	...
Percentage	100	99.7	94.3	5.4	...	0.3	...
AMERICA, NORTH							
Bahamas, 1990⁷							
TOTAL	61 906	47 696	47 696	...	9 942	4 087	181
Percentage	100	77.0	77.0	...	16.1	6.6	0.3
URBAN	50 252	40 702	40 702	...	6 505	3 022	23
Percentage	100	81.0	81.0	...	12.9	6.0	0.0
RURAL ³	11 654	6 994	6 994	...	3 437	1 065	...
Percentage	100	60.0	60.0	...	29.5	9.1	...
NASSAU	39 864	31 969	31 969	...	5 028	2 867	...
Percentage	100	80.2	80.2	...	12.6	7.2	...
Freeport, GR. Bahama	10 388	8 733	8 733	...	1 477	155	23
Percentage	100	84.1	84.1	...	14.2	1.5	0.2
Canada, 1997							
TOTAL	11 581 000	11 558 000	...	...	...	...	...
Percentage	...	99.8	...	...	...	...	...
URBAN	9 841 000	9 826 000	...	...	...	...	...
Percentage	...	99.8	...	...	...	...	...
RURAL	1 740 000	1 732 000	...	...	...	...	...
Percentage	...	99.5	...	...	...	...	...
Costa Rica, 1997							
TOTAL	784 128	702 011	474 450	227 561	72 683	3 140	6 294

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
Percentage	100	89.5	60.5	29.0	9.3	0.4	0.8
URBAN	356 259	349 136	160 309	188 827	3 197	2 349	1 577
Percentage	100	98.0	45.0	53.0	0.9	0.7	0.4
RURAL ³	427 869	353 145	314 141	38 734	69 486	791	4 717
Percentage	100	82.5	73.4	9.0	16.2	0.2	1.1
Dominican Republic, 1993							
SANTO DOMINGO	519 445	379 077	379 077	...	116 631	23 737	...
Percentage	100	73.0	73.0	...	22.5	4.6	...
Santiago de los Caballeros	164 843	79 636	79 636	...	80 054	5 153	...
Percentage	100	48.3	48.3	...	48.6	3.1	...
La Romana	40 393	17 095	17 095	...	17 192	6 106	...
Percentage	100	42.3	42.3	...	42.6	15.1	...
San Pedro de Macoris	53 964	20 332	20 332	...	24 769	8 863	...
Percentage	100	37.7	37.7	...	45.9	16.4	...
Guatemala, 1994⁸							
TOTAL	1 591 823	560 360	469 206	91 154	823 913	207 550	...
Percentage	100	35.2	29.5	5.7	51.8	13.0	...
URBAN	604 029	443 053	389 589	53 464	145 298	15 678	...
Percentage	100	73.3	64.5	8.9	24.1	2.6	...
RURAL	987 794	117 307	79 617	37 690	678 615	191 872	...
Percentage	100	11.9	8.1	3.8	68.7	19.4	...
Jamaica, 1991⁹							
TOTAL	588 340	247 194	247 194	...	298 933	15 201	27 012
Percentage	100	42.0	42.0	...	50.8	2.6	4.6
URBAN	353 195	213 486	213 486	...	117 290	6 704	15 715
Percentage	100	60.4	60.4	...	33.2	1.9	4.4
RURAL	235 145	33 708	33 708	...	181 643	8 497	11 297
Percentage	100	14.3	14.3	...	77.2	3.6	4.8
KINGSTON	147 279	124 489	124 489	...	16 796	1 730	4 264
Percentage	100	84.5	84.5	...	11.4	1.2	2.9
Spanish Town	26 666	12 027	12 027	...	12 168	435	2 036
Percentage	100	45.1	45.1	...	45.6	1.6	7.6
Portmore	22 030	18 902	18 902	...	2 325	137	666
Percentage	100	85.8	85.8	...	10.6	0.6	3.0
Montego Bay	21 316	11 972	11 972	...	8 471	452	421
Percentage	100	56.2	56.2	...	39.7	2.1	2.0
Mexico, 1996¹⁰							
TOTAL	20 199 398	14 371 095	10 830 950	3 540 145	3 496 277	2 332 026	...
Percentage	100	71.1	53.6	17.5	17.3	11.5	...
URBAN	15 318 401	12 945 918	10 168 810	2 777 108	1 704 528	667 955	...

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
Percentage	100	84.5	66.4	18.1	11.1	4.4	...
RURAL	4 880 997	1 425 177	662 140	763 037	1 791 749	1 664 071	...
Percentage	100	29.2	13.6	15.6	36.7	34.1	...
Nicaragua, 1998							
TOTAL	411 706	102 754	102 754	...	59 845	249 107	...
Percentage	100	25.0	25.0	...	14.5	60.5	...
URBAN	377 820	98 189	98 189	...	58 017	221 614	...
Percentage	100	26.0	26.0	...	15.4	58.7	...
RURAL	477 114	4 565	4 565	...	1 828	470 721	...
Percentage	100	1.0	1.0	...	0.4	98.7	...
MANAGUA	162 925	59 576	59 576	...	35 197	68 152	...
Percentage	100	36.6	36.6	...	21.6	41.8	...
Leon	22291	6 732	6 732	...	3 912	11 647	...
Percentage	100	30.2	30.2	...	17.5	52.2	...
Jinotepe	4 326	2 965	2 965	...	457	904	...
Percentage	100	68.5	68.5	...	10.6	20.9	...
Matagalpa	9 962	4 661	4 661	...	1 383	3 918	...
Percentage	100	46.8	46.8	...	13.9	39.3	...
Panama, 1990¹¹							
TOTAL	461 794	231 639	231 639	...	230 155	...	...
Percentage	100	50.2	50.2	...	49.8	...	...
URBAN	290 463	204 417	204 417	...	86 046	...	...
Percentage	100	70.4	70.4	...	29.6	...	...
RURAL	171 331	27 222	27 222	...	144 109	...	...
Percentage	100	15.9	15.9	...	84.1	...	...
PANAMA	105 409	80 005	80 005	...	24 450	...	954
Percentage	100	75.9	75.9	...	23.2	...	0.9
San Miguelito	51 645	28 334	28 334	...	22 308	...	1 003
Percentage	100	54.9	54.9	...	43.2	...	1.9
Colon	15 471	7 917	7 917	...	7 167	...	387
Percentage	100	51.2	51.2	...	46.3	...	2.5
David	23 741	11 106	11 106	...	11 857	...	778
Percentage	100	46.8	46.8	...	49.9	...	3.3
Puerto Rico, 1990							
TOTAL	1 054 924	1 012 098	...	...	...	42 826	...
Percentage	100	95.9	...	...	...	4.1	...
SAN JUAN	150 592	149 402	...	...	...	1 190	...
Percentage	100	99.2	...	...	...	0.8	...
Bayamon	65 785	65 388	...	...	...	397	...
Percentage	100	99.4	...	...	...	0.6	...

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
Ponce	54 191	52 506	...	...	...	1 685	...
Percentage	100	96.9	...	...	...	3.1	...
Carolina	54 466	54 114	...	...	...	352	...
Percentage	100	99.4	...	...	...	0.6	...
Saint Lucia, 1999¹²							
TOTAL	33 079	11 809	11 809	-	16 209	1 422	3 639
Percentage	100	35.7	35.7	-	49.0	4.3	11.0
CASTRIES ³	13 179	5 930	5 930	-	6 470	303	461
Percentage	100	45.0	45.0	-	49.1	2.3	3.5
Vieux-Fort ³	3 097	1 000	1 000	-	1 648	31	421
Percentage	100	32.3	32.3	-	53.2	1.0	13.6
Soufriere ³	1 905	825	825	-	549	274	255
Percentage	100	43.3	43.3	-	28.8	14.4	13.4
Gros Islet ³	3 656	1 766	1 766	-	1 678	22	194
Percentage	100	48.3	48.3	-	45.9	0.6	5.3
United States							
TOTAL, 1997	99 487 000	99 201 000	99 201 000	...	...	...	...
Percentage	...	99.7	99.7	...	...	...	...
URBAN, 1997	71 317 000	71 128 000	71 128 000	...	...	...	...
Percentage	...	99.7	99.7	...	...	...	...
RURAL, 1997	28 170 000	28 073 000	28 073 000	...	...	...	...
Percentage	...	99.7	99.7	...	...	...	...
WASHINGTON D.C., 1993	1 519 200	1 518 300	1 518 300	...	...	...	...
Percentage	...	99.9	99.9	...	...	...	...
New York, 1991	4 156 100	4 130 700	4 130 700	...	...	...	...
Percentage	...	99.4	99.4	...	...	...	...
Los Angeles, 1995	2 947 500	2 943 600	2 943 600	...	...	...	...
Percentage	...	99.9	99.9	...	...	...	...
Houston, 1991	1 264 200	1 263 900	1 263 900	...	...	...	...
Percentage	...	100.0	100.0	...	...	...	...
AMERICA, SOUTH							
Argentina, 1991							
TOTAL	8 515 441	8 420 142	7 187 428	1 232 714	...	...	95 299
Percentage	100	98.9	84.4	14.5	...	...	1.1
URBAN	7 505 862	7 432 571	6 671 267	761 304	...	...	73 291
Percentage	100	99.0	88.9	10.1	...	...	1.0
RURAL	1 009 579	987 571	516 161	471 410	...	...	22 008
Percentage	100	97.8	51.1	46.7	...	...	2.2
Bolivia, 1997							
TOTAL	1 822 785	1 078 154	462 895	615 259	...	744 631	...

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
Percentage	100	59.1	25.4	33.8	...	40.9	...
URBAN	1 094 237	854 083	445 336	408 747	...	240 154	...
Percentage	100	78.1	40.7	37.4	...	21.9	...
RURAL	728 548	224 071	17 559	206 512	...	504 477	...
Percentage	100	30.8	2.4	28.3	...	69.2	...
LA PAZ	179 460	143 229	87 262	55 967	...	36 231	...
Percentage	100	79.8	48.6	31.2	...	20.2	...
Santa Cruz de la Sierra	192 990	185 721	124 694	61 027	...	7 269	...
Percentage	100	96.2	64.6	31.6	...	3.8	...
Cochabamba	127 761	120 491	60 429	60 062	...	7 270	...
Percentage	100	94.3	47.3	47.0	...	5.7	...
Oruro	51 626	28 424	13 317	15 107	...	23 202	...
Percentage	100	55.1	25.8	29.3	...	44.9	...
Brazil, 1998							
TOTAL	41 839 703	38 068 730	...	...	3 764 994	...	5 979
Percentage	100	91.0	...	...	9.0	...	0.0
URBAN	33 993 829	32 927 933	...	...	1 060 450	...	5 446
Percentage	100	96.9	...	...	3.1	...	0.0
RURAL	7 845 874	5 140 797	...	...	2 704 544	...	533
Percentage	100	65.5	...	...	34.5	...	0.0
BRASILIA, DF	506 538	499 202	...	...	7 336	...	-
Percentage	100	98.6	...	...	1.4	...	-
Sao Paolo	4 653 683	4 645 007	...	...	8 676	...	-
Percentage	100	99.8	...	...	0.2	...	-
Rio de Janeiro	3 167 596	3 147 312	...	...	17 387	...	2 897
Percentage	100	99.4	...	...	0.5	...	0.1
Belo Horizonte	1 045 310	1 032 367	...	...	12 943	...	-
Percentage	100	98.8	...	...	1.2	...	-
Colombia, 1993¹³							
TOTAL	7 159 842	6 078 942	5 415 379	663 563	...	...	1 080 900
Percentage	100	84.9	75.6	9.3	...	...	15.1
URBAN	5 384 656	5 121 181	4 764 979	356 202	...	...	263 475
Percentage	100	95.1	88.5	6.6	...	...	4.9
RURAL	1 775 186	957 761	650 400	307 361	...	...	817 425
Percentage	100	54.0	36.6	17.3	...	...	46.0
BOGOTA	1 255 108	1 241 567	1 213 996	27 571	...	...	13 541
Percentage	100	98.9	96.7	2.2	...	...	1.1
Cali	404 805	398 538	384 592	13 946	...	...	6 267
Percentage	100	98.5	95.0	3.4	...	...	1.5
Medellin	388 688	384 426	377 174	7 252	...	...	4 262

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
Percentage	100	98.9	97.0	1.9	...	...	1.1
Barranquilla	201 394	186 796	156 946	29 850	...	...	14 598
Percentage	100	92.8	77.9	14.8	...	...	7.2
Uruguay, 1996							
TOTAL	970 037	927 761	790 878	136 883	42 276	...	...
Percentage	100	95.6	81.5	14.1	4.4	...	...
URBAN	884 794	853 174	748 209	104 965	31 620	...	...
Percentage	100	96.4	84.6	11.9	3.6	...	...
RURAL	85 243	74 587	42 669	31 918	10 656	...	...
Percentage	100	87.5	50.1	37.4	12.5	...	...
MONTEVIDEO	413 998	402 289	378 965	23 324	11 709	...	...
Percentage	100	97.2	91.5	5.6	2.8	...	...
Paysandu	21 451	20 676	17 928	2 748	775	...	...
Percentage	100	96.4	83.6	12.8	3.6	...	...
Rivera	18 437	17 583	14 832	2 751	854	...	...
Percentage	100	95.4	80.4	14.9	4.6	...	...
Salto	24 587	23 338	19 045	4 293	1 249	...	...
Percentage	100	94.9	77.5	17.5	5.1	...	...
ASIA							
Armenia, 1998¹⁴							
TOTAL							
Percentage	100	61.4	61.4	...	38.6	...	...
URBAN							
Percentage	100	90.1	90.1	...	9.9	...	...
RURAL							
Percentage	100	17.4	17.4	...	82.6	...	...
Azerbaijan, 1998¹⁵							
TOTAL	1 479 504	608 217	...	...	...	...	...
Percentage	...	41.1	...	...	...	...	...
URBAN	897 283	592 617	...	...	...	...	...
Percentage	...	66.0	...	...	...	...	...
RURAL	582 221	15 600	...	...	...	...	...
Percentage	...	2.7	...	...	...	...	...
BAKU	467 432	324 417	...	...	...	...	...
Percentage	...	69.4	...	...	...	...	...
Giandja	62 441	60 804	...	...	...	...	...
Percentage	...	97.4	...	...	...	...	...
Sumgait	76 568	75 546	...	...	...	...	...
Percentage	...	98.7	...	...	...	...	...
Mingecheviz	19 894	10 894	...	...	...	...	...

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
Percentage	...	54.8	...	...	...	...	...
China-Macau SAR, 1996							
TOTAL	113 794	113 190	111 876	1 314	439	165	...
Percentage	100	99.5	98.3	1.2	0.4	0.1	...
Cyprus, 1992¹⁶							
TOTAL	185 235	168 616	168 616	-	11 956	4 295	368
Percentage	100	91.0	91.0	-	6.5	2.3	0.2
URBAN	125 320	120 580	120 580	-	3 459	972	309
Percentage	100	96.2	96.2	-	2.8	0.8	0.2
RURAL	59 915	48 036	48 036	-	8 497	3 323	59
Percentage	100	80.2	80.2	-	14.2	5.5	0.1
NICOSIA	55 006	53 910	53 910	-	805	216	75
Percentage	100	98.0	98.0	-	1.5	0.4	0.1
Limassol	41 973	40 016	40 016	-	1 409	513	35
Percentage	100	95.3	95.3	-	3.4	1.2	0.1
Lamaka	18 467	17 505	17 505	-	665	114	183
Percentage	100	94.8	94.8	-	3.6	0.6	1.0
Patos	9 874	9 149	9 149	-	580	129	16
Percentage	100	92.7	92.7	-	5.9	1.3	0.2
Iran, 1996¹⁷							
TOTAL	10 770 112	10 595 300	...	...	174 812	...	...
Percentage	100	98.4	...	...	1.6	...	...
URBAN	6 913 730	6 885 322	...	...	28 408	...	...
Percentage	100	99.6	...	...	0.4	...	...
RURAL	3 856 382	3 709 978	...	...	146 404	...	...
Percentage	100	96.2	...	...	3.8	...	...
Japan, 1993¹⁸							
TOTAL	40 773 300	39 640 400	30 468 900	9 171 500	426 900	706 000	...
Percentage	100	97.2	74.7	22.5	1.0	1.7	...
URBAN	32 941 900	31 867 200	26 673 500	5 193 700	386 600	688 100	...
Percentage	100	96.7	81.0	15.8	1.2	2.1	...
RURAL ¹	7 831 400	7 773 200	3 795 400	3 977 800	40 300	17 900	...
Percentage	100	99.3	48.5	50.8	0.5	0.2	...
TOKYO	3 300 100	2 980 600	2 960 400	20 200	97 600	221 900	...
Percentage	100	90.3	89.7	0.6	3.0	6.7	...
Yokohama	1 111 600	1 088 100	1 068 700	19 400	8 000	15 500	...
Percentage	100	97.9	96.1	1.7	0.7	1.4	...
Osaka	1 038 200	979 600	979 400	200	37 500	21 100	...
Percentage	100	94.4	94.3	0.0	3.6	2.0	...
Sapporo	660 800	628 600	621 500	7 100	8 100	24 100	...

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
Percentage	100	95.1	94.1	1.1	1.2	3.6	...
Korea, Republic of, 1995							
TOTAL	12 958 181	12 884 375	9 728 022	3 156 353	73 806	...	...
Percentage	100	99.4	75.1	24.4	0.6	...	...
URBAN	10 031 978	9 969 913	8 445 760	1 524 153	62 065	...	...
Percentage	100	99.4	84.2	15.2	0.6	...	...
RURAL	2 926 203	2 914 462	1 282 262	1 632 200	11 741	...	...
Percentage	100	99.6	43.8	55.8	0.4	...	...
SEOUL	2 965 794	2 940 147	2 699 297	240 850	25 647	...	...
Percentage	100	99.1	91.0	8.1	0.9	...	...
Pusan	1 079 417	1 067 724	851 883	215 838	11 696	...	...
Percentage	100	98.9	78.9	20.0	1.1	...	...
Taegu	703 464	700 704	523 781	176 923	2 760	...	...
Percentage	100	99.6	74.5	25.2	0.4	...	...
Suweon	216 432	215 935	183 008	32 927	497	...	...
Percentage	100	99.8	84.6	15.2	0.2	...	...
Malaysia Peninsular, 1991							
TOTAL	3 526 675	3 089 212	1 643 809	1 445 403	269 305	...	168 158
Percentage	100	87.6	46.6	41.0	7.6	...	4.8
URBAN	1 954 524	1 839 664	1 346 452	493 212	92 947	...	21 913
Percentage	100	94.1	68.9	25.2	4.8	...	1.1
RURAL	1 572 151	1 249 548	297 357	952 191	176 358	...	146 245
Percentage	100	79.5	18.9	60.6	11.2	...	9.3
W.P KUALA LUMPUR	242 380	237 108	197 956	39 152	4 617	...	655
Percentage	100	97.8	81.7	16.2	1.9	...	0.3
Majlis Perbandaran Ipoh	84 762	80 604	69 935	10 669	3 910	...	248
Percentage	100	95.1	82.5	12.6	4.6	...	0.3
George Town	43 152	41 422	32 140	9 282	1 601	...	129
Percentage	100	96.0	74.5	21.5	3.7	...	0.3
Majlis Perbandaran Johor Bharu	69 612	68 372	47 791	20 581	1 118	...	122
Percentage	100	98.2	68.7	29.6	1.6	...	0.2
Malaysia - Sabah, 1991							
KOTA KINABALU	38 740	26 806	22 784	4 022	10 733	...	1 201
Percentage	100	69.2	58.8	10.4	27.7	...	3.1
Tawau	48 051	24 584	17 271	7 313	17 116	...	6 351
Percentage	100	51.2	35.9	15.2	35.6	...	13.2
Sandakan	40 367	17 274	14 290	2 984	21 088	...	2 005
Percentage	100	42.8	35.4	7.4	52.2	...	5.0
Keningau	17 486	7 337	3 388	3 949	8 523	...	1 626
Percentage	100	42.0	19.4	22.6	48.7	...	9.3

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
Malaysia - Sarawak, 1991							
KUCHING	68 344	59 965	41 491	18 474	6 577	...	1 802
Percentage	100	87.7	60.7	27.0	9.6	...	2.6
Sibu	34 658	27 751	22 449	5 302	5 239	...	1 668
Percentage	100	80.1	64.8	15.3	15.1	...	4.8
Miri	33 284	24 246	16 793	7 453	7 853	...	1 185
Percentage	100	72.8	50.5	22.4	23.6	...	3.6
Thailand, 1994¹⁹							
TOTAL	15 002 591	13 587 826	1 024 721	12 563 105	935 273	88 828	390 664
Percentage	100	90.5	6.8	83.7	6.2	0.6	2.6
URBAN	3 046 293	2 586 062	526 510	2 059 552	447 215	2 408	10 607
Percentage	100	84.9	17.3	67.6	14.7	0.1	0.3
RURAL	11 956 299	11 001 763	498 211	10 503 552	488 058	86 419	380 058
Percentage	100	92.0	4.2	87.8	4.1	0.7	3.2
EUROPE							
Austria, 1999²⁰							
TOTAL	3 242 400	3 112 500	...	...	129 900	...	...
Percentage	100	96.0	...	...	4.0	...	...
URBAN	2 559 900	2 441 200	...	...	118 700	...	...
Percentage	100	95.4	...	...	4.6	...	...
RURAL	682 500	671 300	...	...	11 200	...	...
Percentage	100	98.4	...	...	1.6	...	...
Belgium, 1991							
TOTAL	3 748 164	...	3 444 357	140 810	141 683	...	...
Percentage	...	...	91.9	3.8	3.8	...	...
URBAN	3 740 771	...	3 438 270	...	...	...	...
Percentage	...	...	91.9	...	...	...	...
RURAL	7 393	...	6 087	...	...	...	...
Percentage	...	...	82.3	...	...	...	...
BRUXELLES	394 468	...	370 662	...	...	...	...
Percentage	...	...	94.0	...	...	...	...
Antwerpen	207 730	...	203 893	...	...	...	...
Percentage	...	...	98.2	...	...	...	...
Gent	96 526	...	87 639	...	...	...	...
Percentage	...	...	90.8	...	...	...	...
Charleroi	81 044	...	74 615	...	...	...	...
Percentage	...	...	92.1	...	...	...	...
Bulgaria, 1992							
TOTAL	2 950 873	1 740 705	...	...	1 210 168	...	...
Percentage	100	59.0	...	...	41.0	...	...

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
URBAN	1 977 184	1 629 293	...	...	347 891	...	...
Percentage	100	82.4	...	...	17.6	...	...
RURAL	973 689	111 412	...	...	862 277	...	...
Percentage	100	11.4	...	...	88.6	...	...
Croatia, 1991¹⁵							
TOTAL	1 504 762	1 231 535	...	...	...	...	...
Percentage	...	81.8	...	...	...	...	...
Czech Republic, 1991²¹							
TOTAL	4 043 250	...	3 582 920	246 860	209 525	...	3 945
Percentage	...	...	88.6	6.1	5.2	...	0.1
PRAHA	545 781	...	511 222	3 331	30 679	...	549
Percentage	...	...	93.7	0.6	5.6	...	0.1
Brno	165 622	...	156 674	1 838	7 047	...	63
Percentage	...	...	94.6	1.1	4.3	...	0.0
Ostrava	133 434	...	128 606	1 086	3 574	...	168
Percentage	...	...	96.4	0.8	2.7	...	0.1
Plzen	72 675	...	67 525	902	4 166	...	82
Percentage	...	...	92.9	1.2	5.7	...	0.1
Finland, 1998							
TOTAL	2 449 115	...	2 325 543	...	...	...	...
Percentage	...	...	95.0	...	...	...	...
URBAN	1 541 437	...	1 506 718	...	...	...	...
Percentage	...	...	97.7	...	...	...	...
RURAL	907 678	...	818 825	...	...	...	...
Percentage	...	...	90.2	...	...	...	...
HELSINKI	290 128	...	286 859	...	...	...	...
Percentage	...	...	98.9	...	...	...	...
Tampere	100 119	...	99 131	...	...	...	...
Percentage	...	...	99.0	...	...	...	...
Espoo	88 640	...	86 551	...	...	...	...
Percentage	...	...	97.6	...	...	...	...
Turku	96 542	...	94 133	...	...	...	...
Percentage	...	...	97.5	...	...	...	...
France, 1990							
TOTAL	21 542 152	20 152 524	...	...	1 389 628	...	...
Percentage	100	93.5	...	...	6.5	...	...
URBAN	16 276 780	15 381 844	...	...	894 936	...	...
Percentage	100	94.5	...	...	5.5	...	...
RURAL	5 265 372	4 770 680	...	...	494 692	...	...
Percentage	100	90.6	...	...	9.4	...	...

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
PARIS	3 773 848	3 517 980	...	...	255 868	...	...
Percentage	100	93.2	...	...	6.8	...	...
Marseille	481 172	456 764	...	...	24 408	...	...
Percentage	100	94.9	...	...	5.1	...	...
Lyon	493 008	475 080	...	...	17 928	...	...
Percentage	100	96.4	...	...	3.6	...	...
Toulouse	264 076	253 764	...	...	10 312	...	...
Percentage	100	96.1	...	...	3.9	...	...
Hungary, 1996²²							
TOTAL	3 991 590	...	3 217 352	...	...	...	...
Percentage	...	...	80.6	...	...	...	...
URBAN	2 554 218	...	2 263 629	...	...	...	...
Percentage	...	...	88.6	...	...	...	...
RURAL	1 437 372	...	953 723	...	...	...	...
Percentage	...	...	66.4	...	...	...	...
BUDAPEST	815 489	...	762 509	...	...	...	...
Percentage	...	...	93.5	...	...	...	...
Ireland, 1991⁹							
TOTAL	1 019 723	991 130	983 403	7 727	...	19 826	8 767
Percentage	100	97.2	96.4	0.8	...	1.9	0.8
URBAN	593 481	588 297	587 967	330	...	291	4 893
Percentage	100	99.1	99.1	0.1	...	0.0	0.8
RURAL	426 242	402 833	395 436	7 397	...	19 535	3 874
Percentage	100	94.5	92.8	1.7	...	4.6	0.9
DUBLIN	158 916	156 366	156 328	38	...	13	2 537
Percentage	100	98.4	98.4	0.0	...	0.0	1.6
Cork	38 100	38 071	38 060	11	...	12	17
Percentage	100	99.9	99.9	0.0	...	0.0	0.1
Limerick	15 604	15 469	15 461	8	...	5	130
Percentage	100	99.1	99.1	0.1	...	0.0	0.8
Galway	14 411	14 295	14 291	4	...	19	97
Percentage	100	99.2	99.2	0.0	...	0.1	0.7
Lithuania, 1999							
TOTAL	1 306 061	952 712	...	...	...	...	...
Percentage	...	72.9	...	...	...	...	...
URBAN	890 208	796 382	...	...	...	...	...
Percentage	...	89.5	...	...	...	...	...
RURAL	415 853	156 330	...	...	...	...	...
Percentage	...	37.6	...	...	...	...	...
VILNIUS	192 566	182 496	...	...	...	...	...

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
Percentage	...	94.8	...	...	...	...	...
Kaunas	174 147	166 939	...	...	...	...	...
Percentage	...	95.9	...	...	...	...	...
Klaipeda	71 130	69 534	...	...	...	...	...
Percentage	...	97.8	...	...	...	...	...
Siauliai	52 224	47 788	...	...	...	...	...
Percentage	...	91.5	...	...	...	...	...
Malta, 1995							
TOTAL	119 353	117 173	114 249	2 924	2 180	...	...
Percentage	100	98.2	95.7	2.4	1.8	...	...
VALLETTA	2 746	2 599	2 461	138	147	...	...
Percentage	100	94.6	89.6	5.0	5.4	...	...
Netherlands, 1993²³							
TOTAL	6 676 700	6 676 700	6 676 700	...	...	...	...
URBAN	4 430 200	4 430 200	4 430 200	...	...	...	...
RURAL	2 246 500	2 246 500	2 246 500	...	...	...	...
AMSTERDAM	401 500	401 500	401 500	...	...	...	...
Rotterdam	285 700	285 700	285 700	...	...	...	...
's Gravenhage	226 400	226 400	226 400	...	...	...	...
Utrecht	122 100	122 100	122 100	...	...	...	...
Norway, 1990							
TOTAL ²⁴	1 751 363	1 751 363	1 682 428	68 935	...	...	...
Percentage	100	100.0	96.1	3.9	...	...	...
URBAN	1 300 372	1 300 372	1 263 382	36 990	...	...	...
Percentage	100	100.0	97.2	2.8	...	...	...
RURAL	439 216	439 216	407 946	31 270	...	...	...
Percentage	100	100.0	92.9	7.1	...	...	...
OSLO	244 440	244 440	235 358	9 082	...	...	...
Percentage	100	100.0	96.3	3.7	...	...	...
Bergen	93 949	93 949	91 214	2 735	...	...	...
Percentage	100	100.0	97.1	2.9	...	...	...
Trondheim	60 407	60 407	58 604	1 803	...	...	...
Percentage	100	100.0	97.0	3.0	...	...	...
Stavanger	42 680	42 680	42 166	514	...	...	...
Percentage	100	100.0	98.8	1.2	...	...	...
Poland, 1995²⁵							
TOTAL	12 498 473	9 877 543	6 609 193	3 268 351	...	...	...
Percentage	...	79.0	52.9	26.2	...	...	...
URBAN	8 383 622	7 511 725	6 400 057	1 111 668	...	...	...
Percentage	...	89.6	76.3	13.3	...	...	...

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
RURAL	4 114 851	2 365 818	209 136	2 156 683	...	...	...
Percentage	...	57.5	5.1	52.4	...	...	...
WARSZAWA	594 473	577 170	539 660	37 510	...	...	...
Percentage	...	97.1	90.8	6.3	...	...	...
Lodz	314 766	261 290	247 138	14 152	...	...	...
Percentage	...	83.0	78.5	4.5	...	...	...
Krakow	238 760	228 160	215 680	12 480	...	...	...
Percentage	...	95.6	90.3	5.2	...	...	...
Wrockaw	204 293	187 996	173 634	14 362	...	...	...
Percentage	...	92.0	85.0	7.0	...	...	...
Portugal, 1991							
TOTAL	3 143 272	2 784 959	2 556 561	228 398	103 753	...	254 560
Percentage	100	88.6	81.3	7.3	3.3	...	8.1
URBAN	1 557 120	1 484 290	1 422 377	61 913	38 679	...	34 151
Percentage	100	95.3	91.3	4.0	2.5	...	2.2
RURAL	1 586 152	1 300 669	1 134 184	166 485	65 074	...	220 409
Percentage	100	82.0	71.5	10.5	4.1	...	13.9
LISBOA	244 013	237 146	224 301	12 845	2 866	...	4 001
Percentage	100	97.2	91.9	5.3	1.2	...	1.6
Porto	98 895	91 104	89 236	1 868	5 296	...	2 495
Percentage	100	92.1	90.2	1.9	5.4	...	2.5
Amandora	43 694	43 020	41 994	1 026	395	...	279
Percentage	100	98.5	96.1	2.3	0.9	...	0.6
Setubal	28 073	26 998	26 450	548	297	...	778
Percentage	100	96.2	94.2	2.0	1.1	...	2.8
Slovakia, 1991²⁶							
TOTAL	1 617 828	...	1 324 505	...	...	...	...
Percentage	...	...	81.9	...	...	...	...
URBAN	967 595	...	928 328	...	...	...	...
Percentage	...	...	95.9	...	...	...	...
RURAL	650 233	...	396 177	...	...	...	...
Percentage	...	...	60.9	...	...	...	...
BRATISLAVA	161 494	...	160 270	...	...	...	...
Percentage	...	...	99.2	...	...	...	...
Košice	79 255	...	77 872	...	...	...	...
Percentage	...	...	98.3	...	...	...	...
United Kingdom, 1999²							
URBAN							
Percentage	100	...	99.0	...	...	1.0	...
RURAL							

(See notes at end of table.)

	Total	Toilet inside unit			Toilet outside unit	Other	Not stated
		Total	Flush toilet	Non-flush toilet			
Percentage	100	...	99.8	...	...	0.2	...
OCEANIA							
Australia, 1998							
TOTAL	6 677 900	4 217 500	...	...	751 400	...	...
Percentage	...	63.2	...	...	11.3	...	...
URBAN	4 228 900	2 675 100	...	...	430 000	...	...
Percentage	...	63.3	...	...	10.2	...	...
RURAL	2 449 000	1 542 400	...	...	321 500	...	...
Percentage	...	63.0	...	...	13.1	...	...
Guam, 1990							
TOTAL	31 373	29 960	29 960	...	360	1 053	...
Percentage	100	95.5	95.5	...	1.1	3.4	...
URBAN	12 351	12 040	12 040	...	45	266	...
Percentage	100	97.5	97.5	...	0.4	2.2	...
RURAL	19 022	17 920	17 920	...	315	787	...
Percentage	100	94.2	94.2	...	1.7	4.1	...
Dededo	6 963	6 632	6 632	...	90	241	...
Percentage	100	95.2	95.2	...	1.3	3.5	...
Tamuning	4 982	4 937	4 937	...	16	29	...
Percentage	100	99.1	99.1	...	0.3	0.6	...
Yigo	3 370	3 169	3 169	...	24	177	...
Percentage	100	94.0	94.0	...	0.7	5.3	...
Santa Rita	2 287	2 257	2 257	...	10	20	...
Percentage	100	98.7	98.7	...	0.4	0.9	...

NOTES

¹ Calculated by the United Nations.

² Data reported in percentages only.

³ Data as reported; the total differs from the sum of categories.

⁴ Data removed due to inconsistency.

⁵ Data for households with flush toilet inside housing unit refer to those connected to a sewage line. Data for households with non-flush toilet inside housing unit refer to those connected to sewage and pit latrine. Data for other refer to public lavatory and "field".

⁶ Data for flush toilet include chemical toilet. Data for non-flush toilet refer to pit latrine and bucket latrine.

⁷ Data refer to private households.

⁸ The category "toilet inside unit" refers to household with latrines. The category "other" refers to households with no toilet facilities.

⁹ The category "other" refers to households with no toilet facilities.

¹⁰ Data for the category "with toilet inside the housing unit" do not distinguish whether the toilets are located inside or outside the housing unit. Data for the category "with toilet outside the housing unit" include pit latrines. Data for the category "other" refers to housing units without any sanitary services.

¹¹ Data for the category "toilet outside unit" include toilets connected to sewage and septic tanks for collective use and latrines.

¹² Data for the category "not stated" refer to households in housing units without toilet facilities.

¹³ No distinction between inside and outside unit.

¹⁴ Data reported in percentages and are based on integrated survey of 3,600 households.

¹⁵ Data on the total number of households are extracted from a different table of the original questionnaire.

¹⁶ The category "other" refers to households without flush toilets.

¹⁷ Data refer to households in conventional dwellings only.

¹⁸ Data for the category "toilet inside unit" refers to households with exclusive use of the toilet. The category "toilet outside unit" refers to households sharing toilet facilities.

¹⁹ The category "toilet outside unit" refers to shared toilets.

²⁰ Data refer to private households. Data reported in thousands and in some cases have been rounded.

²¹ The category "non-flush toilet" includes non-flush toilet outside unit. The category "with toilet outside unit" refers to flush toilets outside the unit used by one or several households.

²² Data are based on 2 per cent sample. Data refer to households in conventional dwellings only.

²³ Virtually all households have access to a flush toilet inside the housing unit.

²⁴ Data for total includes 11,775 households with no information on urban/rural.

²⁵ Data for the category "flush toilet" refer to flush toilets from community source. Data for "non-flush toilets" refer to local flush toilets from private source.

²⁶ Data refer to occupied housing units and not households.