



3.11 Urban environment

| City | Urban area | Urban population | Average household income | Income differential | House price to income ratio | Crowding | Work trips by public transportation | Travel time to work | Households with access to services | | |
|----------------------|-------------------------|------------------|--------------------------|--|-----------------------------|----------|-------------------------------------|---------------------|------------------------------------|---------------------|--------------------------|
| | | | | | | | | | Average floor space per person | Sewerage connection | Regular waste collection |
| | sq. km | thousands | \$ | average income in fifth quintile to first quintile | | sq. m | % | minutes | % | % | % |
| | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 |
| Angola | Luanda | .. | 1,400 | .. | .. | 40.7 | .. | .. | 13 | 50 | 38 |
| Armenia | Yerevan | 215 | 1,223 | 1,407 | 28.4 | 39.0 | 13.0 | 98 | 52 | 93 | 81 |
| Australia | Melbourne | 1,148 | 3,023 | 30,216 | 12.0 | 3.6 | 55.0 | 16 | 25 | 99 | 100 |
| Azerbaijan | Baku | 2,300 | .. | 977 | 8.7 | 13.0 | 12.9 | 80 | 57 | 79 | .. |
| Bangladesh | Dhaka | 1,194 | 7,500 | 478 | 6.9 | 5.0 | 2.7 | .. | .. | 44 | 50 |
| | Tangail | 32 | 155 | 228 | 6.9 | 8.0 | 1.2 | .. | 15 | .. | 51 |
| Benin | Cotonou | 88 | 559 | 2,745 | 6.0 | 1.6 | 5.9 | .. | 60 | 1 | 25 |
| | Porto Novo | 50 | 183 | 1,479 | 6.1 | 3.4 | 5.5 | .. | 40 | 1 | 25 |
| Bolivia | Santa Cruz de la Sierra | 165 | 742 | 3,786 | 7.6 | 2.6 | .. | 60 | 25 | 22 | 100 |
| | La Paz | 51 | 726 | 3,787 | 11.7 | 1.2 | .. | 51 | 35 | 58 | 92 |
| | El Alto | 58 | 442 | 1,786 | 7.2 | 1.4 | .. | .. | 25 | 20 | 95 |
| | Cochabamba | 68 | 425 | 4,035 | 8.3 | 2.6 | .. | 46 | 17 | 47 | 95 |
| Botswana | Gaborone | .. | 473 | .. | .. | 7.2 | 12.5 | 42 | 20 | 33 | 98 |
| Brazil | Rio de Janeiro | 1,255 | 5,554 | 12,087 | 20.3 | 2.5 | 18.9 | 67 | 51 | 87 | 88 |
| | Recife | .. | 1,503 | 815 | 28.7 | 2.2 | 15.5 | 70 | 40 | 38 | 95 |
| | Curitiba | .. | 1,352 | 1,091 | 16.1 | 5.7 | 21.0 | 72 | 30 | 75 | 95 |
| | Brasília | .. | 199 | 12,087 | 20.3 | 3.0 | 17.3 | .. | 49 | 74 | 95 |
| Bulgaria | Sofia | .. | 1,294 | .. | .. | 5.8 | 16.7 | 75 | 35 | 98 | 95 |
| Burkina Faso | Ouagadougou | 170 | 716 | 2,622 | 3.3 | 8.5 | 12.2 | .. | 22 | .. | 40 |
| | Bobo-Dioulasso | 67 | 284 | 2,379 | 9.1 | 10.2 | 12.0 | .. | 15 | .. | 30 |
| Burundi | Bujumbura | 100 | 278 | 1,823 | 17.0 | 1.9 | 5.8 | .. | 30 | 29 | 41 |
| Cameroon | Douala | 144 | 1,094 | .. | .. | 4.6 | 10.0 | 11 | 45 | 3 | 60 |
| | Yaoundé | .. | 923 | 677 | .. | 3.9 | 12.6 | 6 | 50 | 3 | 44 |
| Canada | Toronto | .. | 4,236 | 49,791 | 9.5 | 3.9 | 41.1 | 30 | 23 | 100 | 100 |
| Central African Rep. | Bangui | 163 | 471 | .. | .. | 6.2 | 11.2 | .. | 45 | 1 | 25 |
| Chile | Santiago | .. | 4,820 | 8,043 | 16.6 | 2.4 | 14.4 | 54 | 36 | 92 | 95 |
| China | Hefei | .. | 3,809 | 2,080 | 13.8 | .. | 11.0 | .. | .. | 57 | .. |
| | Qingdao | .. | 2,121 | 1,165 | 1.8 | .. | 11.1 | .. | .. | 11 | .. |
| | Shanghai | .. | .. | .. | .. | .. | 9.9 | .. | 47 | 58 | .. |
| | Foshan | 32 | 385 | 3,354 | 3.2 | .. | 16.3 | .. | .. | 100 | .. |
| | Zhangjiagang | .. | 178 | 8,468 | .. | .. | 14.3 | .. | .. | 91 | .. |
| Colombia | Bogotá | 482 | 5,314 | 7,120 | 14.7 | 3.1 | 8.8 | 75 | 39 | 99 | 94 |
| Congo, Dem. Rep. | Kinshasa | 591 | 4,566 | 2,241 | 6.7 | .. | .. | 61 | 120 | 3 | 0 |
| Côte d'Ivoire | Abidjan | 369 | 2,462 | 2,827 | 7.9 | 7.2 | 7.2 | 49 | 90 | 45 | 70 |
| | Bouake | .. | 439 | 1,820 | 9.5 | 5.6 | 7.4 | 10 | 35 | .. | 35 |
| Croatia | Zagreb | .. | 868 | 4,354 | 5.9 | 11 | 22.1 | 52 | 26 | 80 | 100 |
| Cuba | Havana | .. | 2,176 | .. | .. | 2.1 | 16.0 | 58 | 42 | 85 | 100 |
| | Camaguey | 155 | 296 | .. | .. | .. | 18.7 | 6 | 30 | 46 | 93 |
| | Cienfuegos | 44 | 131 | .. | .. | 1.5 | 19.2 | .. | 30 | 70 | 97 |
| | Pinar del Rio | 28 | 129 | .. | .. | 3.7 | 21.0 | .. | 80 | 48 | 100 |
| Czech Republic | Prague | 496 | 1,214 | .. | .. | 11.9 | 26.0 | 67 | 57 | 94 | 100 |
| Denmark | Copenhagen | 2,863 | 1,326 | 29,320 | 14.0 | 3.1 | 44.0 | 27 | 22 | 100 | 100 |
| Djibouti | Djibouti | .. | .. | 6,856 | 12.0 | 3.7 | 13.1 | 19 | 22 | 15 | 65 |
| Ecuador | Guayaquil | 178 | 1,773 | 5,406 | 12.1 | 2.0 | 15.6 | 50 | 45 | 55 | 70 |
| | Quito | 178 | 1,615 | .. | .. | 2.4 | 8.6 | 0 | .. | 93 | 89 |
| Egypt, Arab Rep. | Cairo | 420 | 14,524 | 1,658 | 6.1 | 4.9 | 13.0 | 58 | 60 | 91 | 65 |
| | Gharbeya | .. | 383 | 1,656 | 6.1 | 3.9 | 13.3 | 32 | 30 | 91 | 45 |
| | Assiout | 10 | 322 | 1,721 | 6.7 | 3.1 | 14.0 | 29 | 25 | 30 | 25 |
| El Salvador | San Salvador | 163 | 1,343 | 4,320 | 12.7 | 2.7 | 6.6 | .. | .. | 80 | 46 |
| | Santa Ana | 18 | 142 | 2,998 | 10.6 | 3.2 | 8.1 | .. | .. | 57 | 90 |
| | San Miguel | .. | 132 | 3,420 | 13.2 | 4.3 | 9.7 | .. | .. | 46 | 99 |
| Estonia | Tallin | 185 | 468 | .. | .. | 3.6 | 21.3 | .. | 27 | 95 | 99 |
| Ethiopia | Addis Ababa | .. | 8,044 | .. | .. | .. | .. | .. | 62 | .. | 54 |
| France | Paris | 2,586 | 9,319 | 20,899 | 14.7 | 4.3 | 30.0 | 40 | 35 | 98 | 100 |
| | Lyon | .. | 1,262 | .. | .. | .. | .. | .. | .. | 90 | 100 |
| | Marseilles | 351 | 800 | 14,640 | 5.2 | .. | .. | .. | 25 | 99 | 99 |



Urban environment 3.11

| City | Urban area | Urban population | Average household income | Income differential | House price to income ratio | Crowding | Work trips by public transportation | Travel time to work | Households with access to services | | | |
|--------------------|----------------|-------------------|--------------------------|--|-----------------------------|---|-------------------------------------|---------------------|------------------------------------|---------------------------------------|--------------------------------------|-----|
| | sq. km 1993 | thousands 1993 | \$ 1993 | average income in fifth quintile to first quintile 1993 | 1993 | Average floor space per person sq. m 1993 | % 1993 | minutes 1993 | Sewerage connection % 1993 | Regular waste collection % 1993 | Access to potable water % 1993 | |
| | Strasbourg | 78 | 388 | 15,942 | 9.7 | .. | .. | 15 | 98 | 100 | 100 | |
| Gabon | Libreville | .. | 362 | 5,726 | .. | .. | 12.3 | 38 | .. | 40 | 100 | |
| Gambia, The | Banjul | .. | 479 | 230 | 8.1 | 4.8 | 11.5 | 60 | 40 | 13 | 35 | 74 |
| Georgia | Tbilisi | 204 | 1,295 | .. | .. | .. | 16.2 | 98 | 70 | 100 | 52 | 100 |
| Germany | Cologne | 405 | 1,006 | .. | .. | .. | 34.0 | 17 | .. | 99 | 100 | 100 |
| | Duisburg | 233 | 536 | .. | .. | 7.9 | 32.1 | 21 | .. | 100 | 100 | 100 |
| | Leipzig | 151 | 481 | .. | .. | .. | 33.0 | 33 | .. | 95 | 100 | 100 |
| | Wiesbaden | 204 | 266 | .. | .. | .. | 37.0 | 23 | .. | 100 | 100 | 100 |
| | Erfurt | 268 | 213 | .. | .. | 5.1 | 29.1 | 32 | .. | 95 | 100 | 100 |
| Ghana | Accra | 411 | 1,718 | 403 | .. | 8.0 | 6.2 | 47 | 45 | 12 | 60 | 86 |
| | Kumasi | .. | 758 | 822 | 2.9 | 17.8 | 5.8 | 55 | 20 | 12 | 11 | 57 |
| | Tamale | 22 | 193 | 682 | 1.9 | 17.4 | 5.2 | 45 | 18 | 6 | 5 | 38 |
| Greece | Athens | .. | 1,464 | .. | .. | 3.1 | 29.0 | 34 | 53 | 95 | 90 | 100 |
| Guatemala | Guatemala City | .. | 1,327 | 2,760 | 76.7 | 9.0 | 8.0 | 53 | 40 | .. | 53 | 64 |
| Guinea | Conakry | .. | 1,308 | .. | .. | 6.4 | 6.5 | 26 | 55 | 17 | 50 | 75 |
| Hungary | Budapest | .. | 320 | 5,621 | 9.2 | 7.7 | 29.4 | 66 | 40 | 90 | 100 | 100 |
| India | Hubli-Dharwad | .. | .. | 1,114 | 7.1 | 3.6 | 6.2 | 37 | 22 | 37 | 89 | 89 |
| | Mumbai | .. | 12,810 | 1,504 | 6.7 | 3.5 | 3.5 | 79 | 33 | 51 | 90 | 96 |
| | Delhi | 624 | 8,957 | 1,196 | 11.4 | 7.0 | 6.9 | 53 | 44 | 40 | 77 | 92 |
| | Chennai | 612 | 5,651 | 1,184 | 8.0 | 7.0 | 6.2 | 42 | 22 | 37 | 90 | 60 |
| | Bangalore | .. | 4,472 | 1,224 | 6.5 | 10.8 | 9.5 | 46 | 18 | 35 | 96 | 81 |
| | Lucknow | .. | 1,804 | 992 | 7.5 | 4.6 | 5.5 | 1 | 23 | 30 | 74 | 88 |
| | Varanasi | 104 | 1,078 | 928 | 7.8 | 5.1 | 4.5 | 21 | 22 | 41 | 88 | 85 |
| | Mysore | .. | 701 | 1,236 | 6.4 | 7.5 | 11.8 | 13 | 20 | 60 | 60 | 90 |
| | Bhiwandi | 26 | 572 | .. | .. | 0.3 | 2.4 | 8 | 15 | 15 | 40 | 86 |
| | Gulbarga | .. | 330 | 1,028 | 7.6 | 3.5 | 6.1 | 8 | 11 | 14 | 74 | 90 |
| | Tumkur | .. | 194 | 809 | 6.1 | 4.9 | 7.4 | 21 | 8 | .. | 50 | 86 |
| Indonesia | Banjarmasin | .. | .. | 1,474 | 4.4 | 4.0 | 6.4 | 12 | 37 | .. | 70 | 94 |
| | Surabaya | .. | .. | 1,970 | 8.1 | 8.6 | 11.5 | 23 | 23 | .. | 87 | 99 |
| | Jakarta | .. | 13,048 | 2,460 | 6.6 | 9.9 | 15.0 | 38 | 82 | .. | 84 | 93 |
| | Bandung | .. | 1,819 | 1,625 | 5.8 | 12 | 13.1 | .. | 29 | 27 | 97 | 86 |
| | Medan | .. | 1,810 | 1,674 | 4.5 | 5.5 | 13.9 | 44 | 30 | 19 | 19 | 94 |
| | Semarang | .. | 1,076 | 1,351 | 6.0 | 5.4 | 12.0 | 14 | 25 | .. | 69 | 88 |
| Iran, Islamic Rep. | Tehran | .. | .. | .. | .. | 11.0 | 22.6 | 36 | .. | .. | 100 | .. |
| Jordan | Amman | .. | .. | 12,813 | 13.9 | 6.5 | 15.4 | 14 | 31 | 79 | 100 | 100 |
| Kazakhstan | Almaty | .. | 1,173 | .. | .. | 7.2 | 14.5 | 43 | 35 | 88 | 83 | 100 |
| Kenya | Mombasa | 234 | 382 | .. | .. | 1.9 | 5.9 | 31 | 27 | 2 | 40 | 95 |
| | Nairobi | .. | 1,598 | .. | .. | 12.5 | 11.3 | 68 | 48 | 35 | 47 | 93 |
| Kyrgyz Republic | Bishkek | .. | 703 | .. | .. | .. | .. | 60 | 35 | 65 | 89 | 100 |
| Latvia | Riga | .. | 1,026 | .. | .. | .. | 19.4 | 57 | 27 | 97 | 85 | 100 |
| Liberia | Monrovia | .. | 697 | .. | .. | 24.0 | 14.0 | 75 | 60 | 1 | 0 | 20 |
| Lithuania | Vilnius | .. | 670 | .. | .. | 5.4 | 16.2 | 49 | 25 | 94 | 95 | 100 |
| Madagascar | Antananarivo | .. | 932 | .. | .. | 18.7 | 6.4 | 30 | .. | 17 | .. | 95 |
| Malawi | Blantyre | .. | 403 | .. | .. | 8.3 | 8.3 | 39 | 44 | 8 | 20 | 80 |
| | Lilongwe | .. | 220 | .. | .. | 4.2 | 6.6 | 5 | 31 | 12 | .. | 80 |
| | Mzuzu | .. | 115 | .. | .. | 5.2 | 6.5 | 10 | 35 | .. | 16 | 60 |
| Mali | Bamako | 267 | .. | .. | .. | 3.7 | 3.2 | 12 | 40 | 2 | 95 | 53 |
| Mauritania | Nouakchott | 72 | 576 | 1,481 | 8.9 | 6.4 | 10.0 | 45 | 50 | 4 | 15 | 68 |
| Moldova | Chisinau | 131 | 662 | 1,055 | 9.7 | 13.0 | 15.0 | 48 | 25 | 86 | 83 | 100 |
| Mongolia | Ulaanbaatar | 3,542 | .. | 317 | 3.2 | 37.7 | 9.2 | 85 | 29 | 51 | .. | 49 |
| Morocco | Rabat | .. | 1,345 | 7,514 | 8.1 | 6.8 | 10.0 | .. | .. | 95 | 90 | 100 |
| Mozambique | Maputo | .. | .. | 414 | 4.9 | .. | 12.0 | 13 | .. | 23 | 37 | 73 |
| Namibia | Windhoek | 69 | 142 | 11,618 | 15.2 | 6.0 | 43.0 | .. | 20 | 75 | 93 | 98 |
| Netherlands | Amsterdam | 202 | 724 | 21,687 | 5.2 | 3.5 | 38.3 | 22 | 22 | 100 | 100 | 100 |
| New Zealand | Auckland | .. | 942 | 25,900 | 8.1 | 4.4 | 40.0 | 6 | .. | 98 | .. | .. |
| Niger | Niamey | 224 | 505 | 1,369 | 13.2 | 7.3 | 7.7 | 17 | 27 | .. | 25 | 77 |



3.11 Urban environment

| City | Urban area | Urban population | Average household income | Income differential | House price to income ratio | Crowding | Work trips by public transportation | Travel time to work | Households with access to services | | | |
|---------------------------------|-----------------|-------------------|--------------------------|--|-----------------------------|---|-------------------------------------|---------------------|------------------------------------|---------------------------------------|--------------------------------------|-----|
| | sq. km 1993 | thousands 1993 | \$ 1993 | average income in fifth quintile to first quintile 1993 | 1993 | Average floor space per person sq. m 1993 | % 1993 | minutes 1993 | Sewerage connection % 1993 | Regular waste collection % 1993 | Access to potable water % 1993 | |
| Nigeria | Onitsha | 9 | .. | 623 | 18.5 | .. | 12.0 | 53 | 33 | .. | 38 | 95 |
| | Lagos | 959 | 5,968 | 492 | 18.2 | 10.0 | 5.5 | 54 | 85 | 2 | 8 | 75 |
| | Ibadan | 2,937 | 1,941 | 415 | 50.0 | 6.8 | 9.0 | 40 | 40 | .. | 40 | 70 |
| | Kano | 123 | 1,510 | 340 | 6.9 | 3.2 | 2.8 | 56 | .. | 25 | 38 | 16 |
| Pakistan | Lahore | .. | 5,150 | 3,298 | 7.7 | 16.0 | 1.2 | 16 | 25 | 74 | 50 | 90 |
| Paraguay | Asunción | 67 | 949 | 5,496 | 8.8 | 5.3 | 4.7 | 31 | 60 | 10 | 79 | 58 |
| Peru | Lima | .. | 6,232 | 1,109 | .. | 9.2 | 25.7 | 65 | 35 | 69 | 57 | 87 |
| | Trujillo | 45 | 509 | .. | .. | 3.8 | 15.2 | 74 | 30 | 71 | 48 | 98 |
| Philippines | Manila | .. | 9,286 | 5,318 | 8.4 | .. | 34.1 | 40 | 120 | 80 | 85 | 94 |
| Poland | Warsaw | .. | 2,219 | 3,021 | 3.1 | 5.4 | 18.2 | .. | 34 | 91 | 97 | 100 |
| Romania | Bucharest | .. | 2,350 | .. | .. | 6.8 | 12.9 | 65 | 78 | 90 | 86 | 98 |
| Russian Federation | Kostroma | .. | .. | 2,357 | 5.1 | 5.1 | 17.8 | 65 | 21 | 91 | 90 | 100 |
| | Moscow | .. | 9,269 | 4,040 | 7.6 | 17.0 | 19.7 | 85 | 62 | 100 | 100 | 100 |
| | Nizhny Novgorod | .. | .. | 2,459 | 4.6 | 6.4 | 17.1 | 78 | 35 | 95 | 100 | 100 |
| | Novgorod | .. | .. | 2,865 | 5.9 | 7.3 | 16.3 | 44 | 30 | 96 | 99 | 100 |
| | Ryazan | .. | .. | 2,348 | 6.9 | 8.9 | 16.2 | 88 | 25 | 92 | 99 | 100 |
| Rwanda | Kigali | 47 | 275 | 2,279 | 11.6 | .. | .. | 32 | .. | .. | .. | 48 |
| Senegal | Dakar | .. | 1,801 | 3,008 | 17.0 | 3.0 | 8.1 | 53 | 45 | 25 | 75 | 92 |
| | Kaoloack | .. | 187 | 1,488 | 20.9 | .. | .. | 13 | 27 | 3 | .. | 56 |
| | Ziguinchor | .. | 155 | 1,150 | 22.0 | .. | .. | 27 | 20 | 2 | .. | 30 |
| | Mbour | .. | 101 | 2,192 | 15.9 | .. | .. | 20 | 31 | 2 | .. | 79 |
| Sierra Leone | Freetown | 82 | 395 | 370 | 11.4 | .. | 10.0 | 84 | .. | 1 | .. | 53 |
| Slovak Republic | Bratislava | 2,144 | 651 | 3,984 | 5.1 | 5.6 | 22.3 | 72 | 34 | 96 | 100 | 100 |
| Slovenia | Ljubljana | 275 | 316 | 11,729 | 6.1 | .. | .. | 1 | 22 | 99 | 99 | 100 |
| | Maribor | 738 | 185 | 9,314 | 6.2 | .. | .. | 41 | 28 | 58 | 90 | 100 |
| Sri Lanka | Colombo | .. | 2,190 | 436 | 3.4 | .. | 18.7 | 74 | 35 | 60 | 94 | 98 |
| Sudan | Khartoum | 249 | 826 | .. | .. | .. | 21.9 | 63 | 42 | 3 | 12 | 55 |
| Sweden | Stockholm | 309 | 1,545 | 30,840 | 4.5 | 4.6 | 40.0 | 37 | 35 | 100 | 100 | 100 |
| Tanzania | Arusha | .. | .. | 564 | 4.1 | 5.0 | 5.0 | 61 | 30 | 16 | .. | 60 |
| | Dar es Salaam | .. | .. | 564 | 4.1 | 5.0 | 4.5 | 48 | 30 | 6 | 25 | 60 |
| | Mwanza | 94 | .. | .. | .. | 5.0 | 4.0 | 24 | 30 | 8 | 15 | 74 |
| Togo | Lomé | 288 | 802 | .. | .. | 3.5 | 12.0 | 30 | 30 | .. | 37 | .. |
| Tunisia | Tunis | .. | 1,684 | 4,032 | 6.0 | 5.2 | 12.0 | .. | 45 | 73 | 61 | 96 |
| Uganda | Kampala | 202 | 840 | .. | .. | 2.3 | 4.0 | 45 | 23 | 9 | 20 | 87 |
| United Arab Emirates | Dubai | 604 | 594 | 26,564 | 22.8 | .. | .. | .. | 18 | 60 | 100 | 100 |
| United Kingdom | Hertfordshire | 1,604 | 1,000 | 28,270 | 10.9 | 6.0 | 34.8 | 7 | 27 | 100 | 100 | 100 |
| | Glasgow | .. | 618 | 7,329 | 1.8 | 4.5 | .. | 39 | .. | 99 | .. | 99 |
| | Bedfordshire | .. | 539 | 32,080 | 10.9 | 3.0 | 34.6 | 10 | .. | 93 | 98 | 98 |
| | Cardiff | 137 | 306 | .. | .. | 2.9 | 17.5 | 13 | .. | 100 | 100 | 100 |
| United States | New York | .. | 16,332 | 39,256 | 14.8 | 6.3 | .. | 51 | 37 | 99 | .. | 100 |
| | Des Moines | .. | .. | 31,732 | 8.6 | 1.8 | .. | .. | 16 | 99 | .. | 100 |
| | Atlanta | .. | .. | 32,966 | 22.4 | 3.1 | .. | .. | 24 | 98 | .. | 100 |
| Vietnam | Hanoi | 47 | .. | 32,966 | 3.4 | 10.4 | 5.8 | .. | .. | 40 | 45 | 100 |
| Yemen | Sana'a | .. | .. | 183 | .. | 17.0 | 4.0 | .. | 15 | 12 | 51 | 60 |
| Yugoslavia, FR (Serb./Mont.) | Belgrade | 765 | 1,318 | .. | .. | 16.0 | 19.4 | .. | 35 | 71 | 86 | 99 |
| | Novi Sad | 290 | 232 | .. | .. | 30.0 | 21.8 | 60 | 21 | 93 | 95 | 100 |
| | Nis | 150 | 214 | .. | .. | 17.4 | 19.7 | 61 | 25 | 84 | 87 | 92 |
| Zambia | Lusaka | .. | .. | 867 | 14.0 | 6.5 | 6.9 | 65 | 20 | 36 | .. | 60 |
| Zimbabwe | Harare | .. | .. | 754 | 5.0 | 9.8 | 8.0 | 48 | 56 | 93 | 100 | 97 |



Urban environment | 3.11

About the data

Despite the importance of cities and urban agglomerations as home to almost half the world's people, the data on many aspects of urban life are sparse. Compiling comparable data has been difficult, and the available indicators have been scattered among international agencies with different mandates. Even within cities it is difficult to assemble an integrated data set. Urban areas are often spread across many jurisdictions, with no single agency responsible for collecting and reporting data for the entire area. Adding to the difficulties of data collection are gaps and overlaps in the data collection and reporting responsibilities of different administrative units. Creating a comprehensive, comparable international data set is further complicated by differences in the definition of an urban area and by uneven data quality.

The United Nations Global Plan of Action calls for monitoring the changing role of the world's cities and human settlements. The international agency with a mandate to assemble information on urban areas is the United Nations Centre for Human Settlements (UNCHS, or Habitat). Its Urban Indicators Programme is intended to provide data for monitoring and evaluating the performance of urban areas and for devel-

oping government policies and strategies. These data are collected through questionnaires completed by city officials in more than a hundred countries. The table shows selected indicators for 150 cities from the UNCHS data set, which covers 237 cities and 43 indicators. A few more indicators are included on the *World Development Indicators* CD-ROM.

The UNCHS selection of 237 cities does not reflect population weights or the economic importance of cities and is therefore biased toward smaller cities. Moreover, it is based on demand for participation in the Urban Indicators Programme. As a result the database excludes a large number of major cities. The table reflects this bias, as well as the criterion of data availability for the indicators shown in the table.

The data should be used with care. Because different data collection methods and definitions may have been used, comparisons can be misleading. And because data are available only for 1993, no conclusions can be drawn about any improvement or worsening of conditions. The definitions used here for urban population and access to potable water are not necessarily consistent with those for tables 3.5 and 3.10 (see *Definitions*).

Definitions

- **Urban area** refers to the city proper along with the suburban fringe and any built-up, thickly settled areas lying outside, but adjacent to, the city boundaries.
- **Urban population** refers to the population of the urban agglomeration, a contiguous inhabited territory without regard to administrative boundaries.
- **Average household income** is the average of the household income in all five quintiles. Household income is based on survey data. It is the total income of all household members from all sources, including wages, pensions or benefits, business earnings, rents, and the value of any business or subsistence products consumed (for example, foodstuffs).
- **Income differential** is the ratio of average household income in the highest quintile to that in the lowest quintile.
- **House price to income ratio** is the average house price divided by the average household income.
- **Crowding** is measured by floor area per person, the median usable living space per person in square meters.
- **Work trips by public transportation** are the percentage of trips to work made by bus or minibus, tram, or train. Buses or minibuses refer to road vehicles other than cars taking passengers on a fare-paying basis. Other means of transport commonly used in developing countries, such as taxi, ferry, rickshaw, or animal, are not included.
- **Travel time to work** is the average time in minutes, for all modes, for a one-way trip to work. Train and bus times include average walking and waiting times, and car times include parking and walking to the workplace.
- **Households with sewerage connection** are the percentage of households with a connection to sewerage.
- **Households with regular waste collection** are the percentage of households with regular household or "dumpster" group collection, but not household transport of garbage to a local dump.
- **Households with access to potable water** are the percentage of households having access to safe or potable drinking water within 200 meters of the dwelling. Potable water is water that is free from contamination and safe to drink without further treatment.

Table 3.11a

Population of the world's 10 largest metropolitan areas in 1000, 1800, 1900, and 2000

Millions

| 1000 | | 1800 | | 1900 | | 2000 | |
|----------------|------------|----------------|------------|----------------|------------|-------------|------------|
| City | Population | City | Population | City | Population | City | Population |
| Cordova | 0.45 | Peking | 1.10 | London | 6.5 | Tokyo | 28.0 |
| Kaifeng | 0.40 | London | 0.86 | New York | 4.2 | Mexico City | 18.1 |
| Constantinople | 0.30 | Canton | 0.80 | Paris | 3.3 | Mumbai | 18.0 |
| Angkor | 0.20 | Edo (Tokyo) | 0.69 | Berlin | 2.7 | São Paulo | 17.7 |
| Kyoto | 0.18 | Constantinople | 0.57 | Chicago | 1.7 | New York | 16.6 |
| Cairo | 0.14 | Paris | 0.55 | Vienna | 1.7 | Shanghai | 14.2 |
| Baghdad | 0.13 | Naples | 0.43 | Tokyo | 1.5 | Lagos | 13.5 |
| Nishapur | 0.13 | Hangchow | 0.39 | St. Petersburg | 1.4 | Los Angeles | 13.1 |
| Hasa | 0.11 | Osaka | 0.38 | Manchester | 1.4 | Seoul | 12.9 |
| Anhilvada | 0.10 | Kyoto | 0.38 | Philadelphia | 1.4 | Beijing | 12.4 |

Source: O'Meara 1999 and United Nations Population Division 1996.

Data sources

The data in the table are from the Global Urban Indicators database of the UNCHS's Urban Indicators Programme.