

WHO / UNICEF

Joint Monitoring Programme
for Water Supply and Sanitation

Estimates for the use of

**Improved Drinking-Water Sources
and Improved Sanitation Facilities**

Updated March 2010

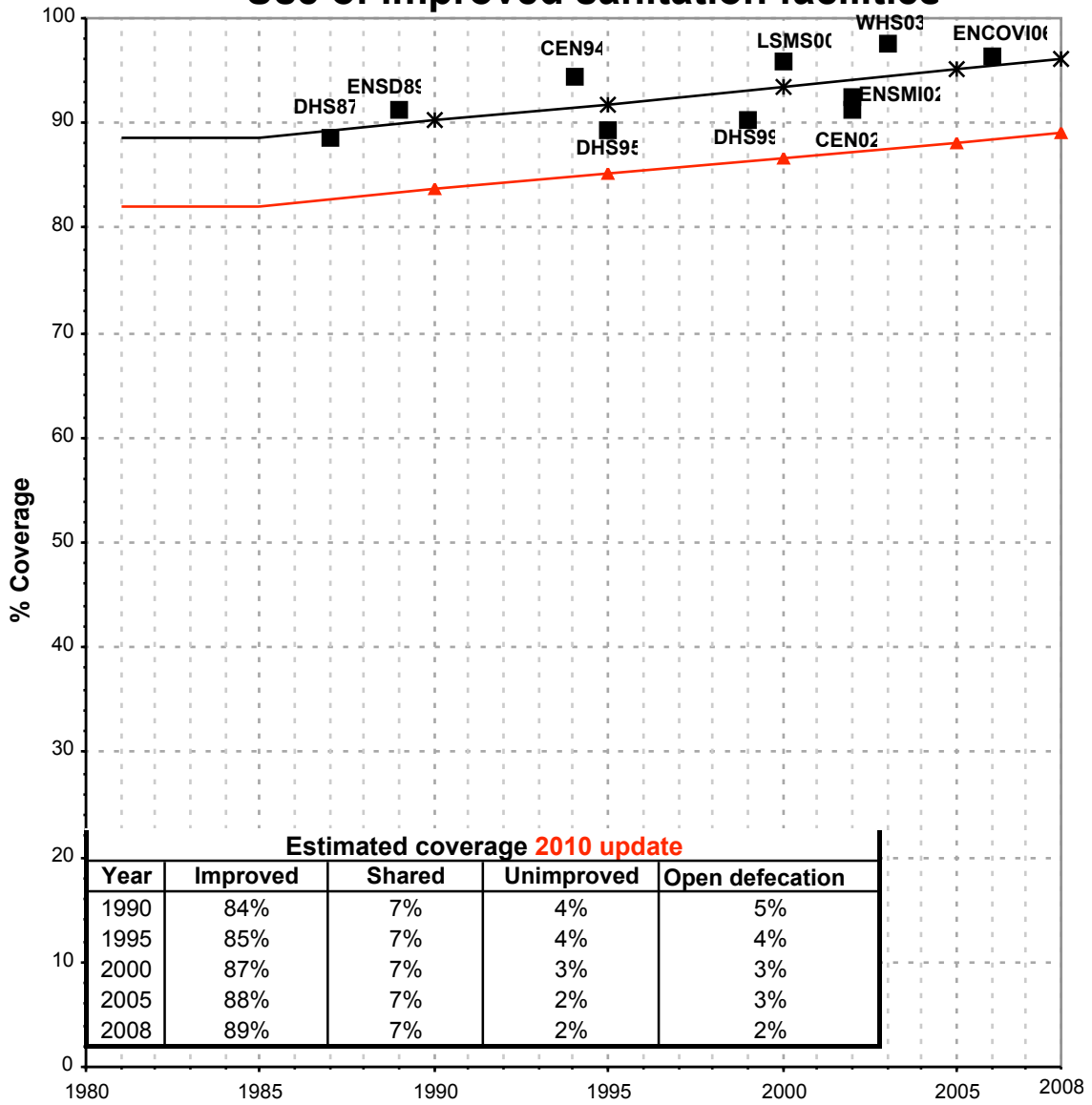
childinfo.org

| Use of sanitation facilities | | DHS87 | | | Guatemala | | | Use of sanitation facilities | | CEN94 | | | Guatemala | | |
|---|--|------------|------------|-------|--|--|------------|------------------------------|-------|-------|--|--|-----------|--|--|
| Demographic and Health Survey | | | | | 1987 | | | Demographic Census | | | | | 1994 | | |
| Original denomination | Classification | Urban | Rural | Total | Original denomination | Classification | Urban | Rural | Total | | | | | | |
| | Flush and pour flush | 69.3 | 9.7 | | | Flush and pour flush | 73.3 | 12.6 | | | | | | | |
| | to piped sewer system | | | | | to piped sewer system | 61.0 | 5.4 | | | | | | | |
| | to septic tank | 5.0 | 3.0 | | | to septic tank | 3.5 | 2.6 | | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | | to unknown place/ not sure/DK | 8.9 | 4.6 | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| | Flush/toilets | 69.3 | 9.7 | | | Flush/toilets | 64.5 | 8.1 | | | | | | | |
| | to piped sewer system | | | | | to piped sewer system | 61.0 | 5.4 | | | | | | | |
| Inodoro septico | to septic tank | 5.0 | 3.0 | | | to septic tank | 3.5 | 2.6 | | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | | to unknown place/ not sure/DK | | | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| Inodoro, private* | Private flush/toilet | 54.0 | 5.2 | | | Private flush/toilet | 51.3 | 6.9 | | | | | | | |
| | to piped sewer system | | | | Uso exclusivo, inod. conec. a drenaje | to piped sewer system | 48.6 | 4.7 | | | | | | | |
| | to septic tank | | | | Uso exclusivo, inod. conec. a fosa septica | to septic tank | 2.7 | 2.2 | | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | | to unknown place/ not sure/DK | | | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| Inodoro, shared* | Public/shared flush/toilet | 10.3 | 1.5 | | | Public/shared flush/toilet | 13.2 | 1.2 | | | | | | | |
| | to piped sewer system | | | | Para varios hogares, inod. conec. a drenaje | to piped sewer system | 12.4 | 0.8 | | | | | | | |
| | to septic tank | | | | Para varios hogares, inod. conec. a fosa septica | to septic tank | 0.8 | 0.4 | | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | | to unknown place/ not sure/DK | | | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| | Latrines | 25.0 | 47.1 | | | Latrines | 32.9 | 73.3 | | | | | | | |
| | Pour flush latrines | | | | | Pour flush latrines | 8.9 | 4.6 | | | | | | | |
| | to piped sewer system | | | | | to piped sewer system | | | | | | | | | |
| | to septic tank | | | | | to septic tank | | | | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | | to unknown place/ not sure/DK | 8.9 | 4.6 | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| | Private pour flush latrine | | | | | Private pour flush latrine | 6.4 | 3.9 | | | | | | | |
| | to piped sewer system | | | | | to piped sewer system | | | | | | | | | |
| | to septic tank | | | | | to septic tank | | | | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | Uso exclusivo, excusado lavable | to unknown place/ not sure/DK | 6.4 | 3.9 | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| | Public/shared pour flush latrine | | | | | Public/shared pour flush latrine | 2.4 | 0.6 | | | | | | | |
| | to piped sewer system | | | | | to piped sewer system | | | | | | | | | |
| | to septic tank | | | | | to septic tank | | | | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | Para varios hogares, excusado lavable | to unknown place/ not sure/DK | 2.4 | 0.6 | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| | Dry latrines | 25.0 | 47.1 | | | Dry latrines | 24.1 | 68.7 | | | | | | | |
| | Improved latrines | | | | | Improved latrines | | | | | | | | | |
| | Ventilated Improved Pit latrine | | | | | Ventilated Improved Pit latrine | | | | | | | | | |
| | Pit latrine with slab/covered latrine | | | | | Pit latrine with slab/covered latrine | | | | | | | | | |
| Letrina | Traditional latrine | 25.0 | 47.1 | | | Traditional latrine | 24.1 | 68.7 | | | | | | | |
| | Pit latrine without slab/open pit | | | | | Pit latrine without slab/open pit | | | | | | | | | |
| | Hanging toilet/hanging latrine | | | | | Hanging toilet/hanging latrine | | | | | | | | | |
| | Bucket latrine | | | | | Bucket latrine | | | | | | | | | |
| | Other | | | | | Other | | | | | | | | | |
| | Private Latrines | | | | | Private Latrines | 19.0 | 59.2 | | | | | | | |
| | Ventilated Improved Pit latrine | | | | | Ventilated Improved Pit latrine | | | | | | | | | |
| | Pit latrine with slab/covered latrine | | | | Uso exclusivo, letrina o pozo ciego | Pit latrine with slab/covered latrine | | | | | | | | | |
| | Traditional latrine | | | | | Traditional latrine | 19.0 | 59.2 | | | | | | | |
| | Pit latrine without slab/open pit | | | | | Pit latrine without slab/open pit | | | | | | | | | |
| | Hanging toilet/hanging latrine | | | | | Hanging toilet/hanging latrine | | | | | | | | | |
| | Bucket latrine | | | | | Bucket latrine | | | | | | | | | |
| | Other | | | | | Other | | | | | | | | | |
| | Public/shared Latrines | | | | | Public/shared Latrines | 5.1 | 9.5 | | | | | | | |
| | Ventilated Improved Pit latrine | | | | | Ventilated Improved Pit latrine | | | | | | | | | |
| | Pit latrine with slab/covered latrine | | | | Para varios hogares, letrina o pozo ciego | Pit latrine with slab/covered latrine | | | | | | | | | |
| | Traditional latrine | | | | | Traditional latrine | 5.1 | 9.5 | | | | | | | |
| | Pit latrine without slab/open pit | | | | | Pit latrine without slab/open pit | | | | | | | | | |
| | Hanging toilet/hanging latrine | | | | | Hanging toilet/hanging latrine | | | | | | | | | |
| | Bucket latrine | | | | | Bucket latrine | | | | | | | | | |
| | Other | | | | | Other | | | | | | | | | |
| | Composting toilets | | | | | Composting toilets | | | | | | | | | |
| | Composting toilet (private) | | | | | Composting toilet (private) | | | | | | | | | |
| | Composting toilet (shared) | | | | | Composting toilet (shared) | | | | | | | | | |
| | Other improved | | | | | Other improved | | | | | | | | | |
| | Other | | | | | Other | | | | | | | | | |
| No tiene sanitario | No facility, bush, field | 4.3 | 40.7 | | No tiene | No facility, bush, field | 2.6 | 19.4 | | | | | | | |
| Otro | Other unimproved | 1.4 | 2.6 | | | Other unimproved | | | | | | | | | |
| | Other | 1.4 | 2.6 | | | Other | | | | | | | | | |
| | Other | | | | | Other | | | | | | | | | |
| | DK/missing information | | | | | DK/missing information | | | | | | | | | |
| | Total | 100.0 | 100.0 | | | Total | 100.0 | 100.7 | | | | | | | |
| Calculations | | | | | Calculations | | | | | | | | | | |
| | Pozo ciego and Excusado lavable based on ENDS89 | 13.4 | 25.6 | | | Pozo ciego based on ENDS89 | 18.3 | 39.0 | | | | | | | |
| Estimations | 50% of remaining latrines considered improved | 5.8 | 10.7 | | | 50% of remaining latrines considered improved | 2.9 | 14.9 | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | SC, based on DHS99 | 62.9 | 7.6 | | | | | | | | | | | | |
| Access to improved sanitation : | | 89% | 46% | | Access to improved sanitation : | | 95% | 66% | | | | | | | |
| Access to sewerage connections : | | 63% | 8% | | Access to sewerage connections : | | 61% | 5% | | | | | | | |
| | Used for the estimates | Yes | Yes | | | Used for the estimates | Yes | Yes | | | | | | | |
| | Used for the estimates | Yes | Yes | | | Used for the estimates | Yes | Yes | | | | | | | |
| Ratios | Shared improved facilities/all improved facilities | | | | | Shared improved facilities/all improved facilities | | | | | | | | | |
| | Improved latrine / All latrines | | | | | Improved latrine / All latrines | 27% | 6% | | | | | | | |
| | Covered dry latrines / All dry latrines | | | | | Covered dry latrines / All dry latrines | | | | | | | | | |
| | VIP / All latrines | | | | | VIP / All latrines | | | | | | | | | |
| | Traditional latrines / All latrines | 100% | 100% | | | Traditional latrines / All latrines | 73% | 94% | | | | | | | |
| | Improved + traditional latrines / All latrines | | | | | Improved + traditional latrines / All latrines | 100% | 100% | | | | | | | |
| | Sewerage connection among flush/pour flush | | | | | Sewerage connection among flush/pour flush | 83.1 | 43.1 | | | | | | | |
| | Sewerage connection among flush | | | | | Sewerage connection among flush | 94.5 | 67.5 | | | | | | | |
| | Number of people covered by the survey | | | | | Number of people covered by the survey | | | | | | | | | |
| | Number of households covered by the survey | | | | | Number of households covered by the survey | 604 | 988 | | | | | | | |
| | Total population | | | | | Total population | | | | | | | | | |
| Comments | | | | | Comments | | | | | | | | | | |

| Use of sanitation facilities | | DHS95 | | | Guatemala | | | Use of sanitation facilities | | DHS99 | | | Guatemala | | |
|---|--|------------|------------|-------|---|--|------------|-------------------------------|-------|-------|--|--|-----------|--|--|
| Demographic and Health Survey | | | | | 1995 | | | Demographic and Health Survey | | | | | 1999 | | |
| Original denomination | Classification | Urban | Rural | Total | Original denomination | Classification | Urban | Rural | Total | | | | | | |
| | Flush and pour flush | 71.4 | 14.7 | | | Flush and pour flush | 70.9 | 24.1 | 45.3 | | | | | | |
| | to piped sewer system | | | | | to piped sewer system | 64.4 | 18.9 | 39.5 | | | | | | |
| | to septic tank | 6.7 | 3.6 | | | to septic tank | 6.5 | 5.2 | 5.8 | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | | to unknown place/ not sure/DK | | | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| | Flush/toilets | 71.4 | 14.7 | | | Flush/toilets | 70.9 | 24.1 | 45.3 | | | | | | |
| | to piped sewer system | | | | | to piped sewer system | 64.4 | 18.9 | 39.5 | | | | | | |
| Toilet with connection to septic tank | to septic tank | 6.7 | 3.6 | | Conectado a fosa septica | to septic tank | 6.5 | 5.2 | 5.8 | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | | to unknown place/ not sure/DK | | | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| Private toilet | Private flush/toilet | 54.4 | 9.6 | | Privado conectado | Private flush/toilet | 53.4 | 16.5 | 33.2 | | | | | | |
| | to piped sewer system | | | | | to piped sewer system | 53.4 | 16.5 | 33.2 | | | | | | |
| | to septic tank | | | | | to septic tank | | | | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | | to unknown place/ not sure/DK | | | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| Shared toilet (Inodoro compartido) | Public/shared flush/toilet | 10.3 | 1.5 | | Publico conectado | Public/shared flush/toilet | 11.0 | 2.4 | 6.3 | | | | | | |
| | to piped sewer system | | | | | to piped sewer system | 11.0 | 2.4 | 6.3 | | | | | | |
| | to septic tank | | | | | to septic tank | | | | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | | to unknown place/ not sure/DK | | | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| | Latrines | 23.2 | 59.7 | | | Latrines | 25.2 | 53.9 | 40.9 | | | | | | |
| | Pour flush latrines | | | | | Pour flush latrines | | | | | | | | | |
| | to piped sewer system | | | | | to piped sewer system | | | | | | | | | |
| | to septic tank | | | | | to septic tank | | | | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | | to unknown place/ not sure/DK | | | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| | Private pour flush latrine | | | | | Private pour flush latrine | | | | | | | | | |
| | to piped sewer system | | | | | to piped sewer system | | | | | | | | | |
| | to septic tank | | | | | to septic tank | | | | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | | to unknown place/ not sure/DK | | | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| | Public/shared pour flush latrine | | | | | Public/shared pour flush latrine | | | | | | | | | |
| | to piped sewer system | | | | | to piped sewer system | | | | | | | | | |
| | to septic tank | | | | | to septic tank | | | | | | | | | |
| | to pit | | | | | to pit | | | | | | | | | |
| | to unknown place/ not sure/DK | | | | | to unknown place/ not sure/DK | | | | | | | | | |
| | to elsewhere | | | | | to elsewhere | | | | | | | | | |
| | Dry latrines | 23.2 | 59.7 | | | Dry latrines | 25.2 | 53.9 | 40.9 | | | | | | |
| | Improved latrines | | | | | Improved latrines | | | | | | | | | |
| | Ventilated Improved Pit latrine | | | | | Ventilated Improved Pit latrine | | | | | | | | | |
| | Pit latrine with slab/covered latrine | | | | | Pit latrine with slab/covered latrine | | | | | | | | | |
| Latrine | Traditional latrine | 23.2 | 59.7 | | Letrina, pozo ciego | Traditional latrine | 25.2 | 53.9 | 40.9 | | | | | | |
| | Pit latrine without slab/open pit | | | | | Pit latrine without slab/open pit | | | | | | | | | |
| | Hanging toilet/hanging latrine | | | | | Hanging toilet/hanging latrine | | | | | | | | | |
| | Bucket latrine | | | | | Bucket latrine | | | | | | | | | |
| | Other | | | | | Other | | | | | | | | | |
| | Private Latrines | | | | | Private Latrines | | | | | | | | | |
| | Ventilated Improved Pit latrine | | | | | Ventilated Improved Pit latrine | | | | | | | | | |
| | Pit latrine with slab/covered latrine | | | | | Pit latrine with slab/covered latrine | | | | | | | | | |
| | Traditional latrine | | | | | Traditional latrine | | | | | | | | | |
| | Pit latrine without slab/open pit | | | | | Pit latrine without slab/open pit | | | | | | | | | |
| | Hanging toilet/hanging latrine | | | | | Hanging toilet/hanging latrine | | | | | | | | | |
| | Bucket latrine | | | | | Bucket latrine | | | | | | | | | |
| | Other | | | | | Other | | | | | | | | | |
| | Public/shared Latrines | | | | | Public/shared Latrines | | | | | | | | | |
| | Ventilated Improved Pit latrine | | | | | Ventilated Improved Pit latrine | | | | | | | | | |
| | Pit latrine with slab/covered latrine | | | | | Pit latrine with slab/covered latrine | | | | | | | | | |
| | Traditional latrine | | | | | Traditional latrine | | | | | | | | | |
| | Pit latrine without slab/open pit | | | | | Pit latrine without slab/open pit | | | | | | | | | |
| | Hanging toilet/hanging latrine | | | | | Hanging toilet/hanging latrine | | | | | | | | | |
| | Bucket latrine | | | | | Bucket latrine | | | | | | | | | |
| | Other | | | | | Other | | | | | | | | | |
| | Composting toilets | | | | | Composting toilets | | | | | | | | | |
| | Composting toilet (private) | | | | | Composting toilet (private) | | | | | | | | | |
| | Composting toilet (shared) | | | | | Composting toilet (shared) | | | | | | | | | |
| | Other improved | | | | | Other improved | | | | | | | | | |
| | Other | | | | | Other | | | | | | | | | |
| | Other | | | | | Other | | | | | | | | | |
| No facilities | No facility, bush, field | 5.3 | 25.3 | | No tiene sanitario | No facility, bush, field | 3.2 | 21.5 | 13.2 | | | | | | |
| | Other unimproved | 0.1 | 0.1 | | Otro | Other unimproved | 0.2 | 0.2 | 0.2 | | | | | | |
| Otro | Other | 0.1 | 0.1 | | | Other | 0.2 | 0.2 | 0.2 | | | | | | |
| | Other | | | | | Other | | | | | | | | | |
| | DK/missing information | | | | Sin informacion | DK/missing information | 0.4 | 0.4 | 0.4 | | | | | | |
| | Total | 100.0 | 99.8 | | | Total | 99.9 | 100.1 | 100.0 | | | | | | |
| Calculations | | | | | Calculations | | | | | | | | | | |
| | Pozo ciego and Excusado lavable based on ENDS89 | 12.5 | 32.5 | | | Pozo ciego and Excusado lavable based on ENDS89 | 13.5 | 29.3 | | | | | | | |
| Estimations | 50% of remaining latrines considered improved | 5.4 | 13.6 | | | 50% of remaining latrines considered improved | 5.8 | 12.3 | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | SC, based on DHS99 | 64.9 | 11.5 | | | | | | | | | | | | |
| Access to improved sanitation : | | 89% | 61% | | Access to improved sanitation : | | 90% | 66% | | | | | | | |
| Access to sewerage connections : | | 65% | 12% | | Access to sewerage connections : | | 64% | 19% | | | | | | | |
| Used for the estimates | | Yes | Yes | | Used for the estimates | | Yes | Yes | | | | | | | |
| Used for the estimates | | Yes | Yes | | Used for the estimates | | Yes | Yes | | | | | | | |
| Ratios | Shared improved facilities/all improved facilities | | | | Ratios | Shared improved facilities/all improved facilities | | | | | | | | | |
| | Improved latrine / All latrines | | | | | Improved latrine / All latrines | | | | | | | | | |
| | Covered dry latrines / All dry latrines | | | | | Covered dry latrines / All dry latrines | | | | | | | | | |
| | VIP / All latrines | | | | | VIP / All latrines | | | | | | | | | |
| | Traditional latrines / All latrines | 100% | 100% | | | Traditional latrines / All latrines | 100% | 100% | 100% | | | | | | |
| | Improved + traditional latrines / All latrines | | | | | Improved + traditional latrines / All latrines | | | | | | | | | |
| | Sewerage connection among flush/pour flush | | | | | Sewerage connection among flush/pour flush | 90.8 | 78.4 | | | | | | | |
| | Sewerage connection among flush | | | | | Sewerage connection among flush | 90.8 | 78.4 | | | | | | | |
| | Number of people covered by the survey | | | | | Number of people covered by the survey | | | | | | | | | |
| | Number of households covered by the survey | | | | | Number of households covered by the survey | | | | | | | | | |
| | Total population | | | | | Total population | | | | | | | | | |
| Comments | | | | | Comments | | | | | | | | | | |

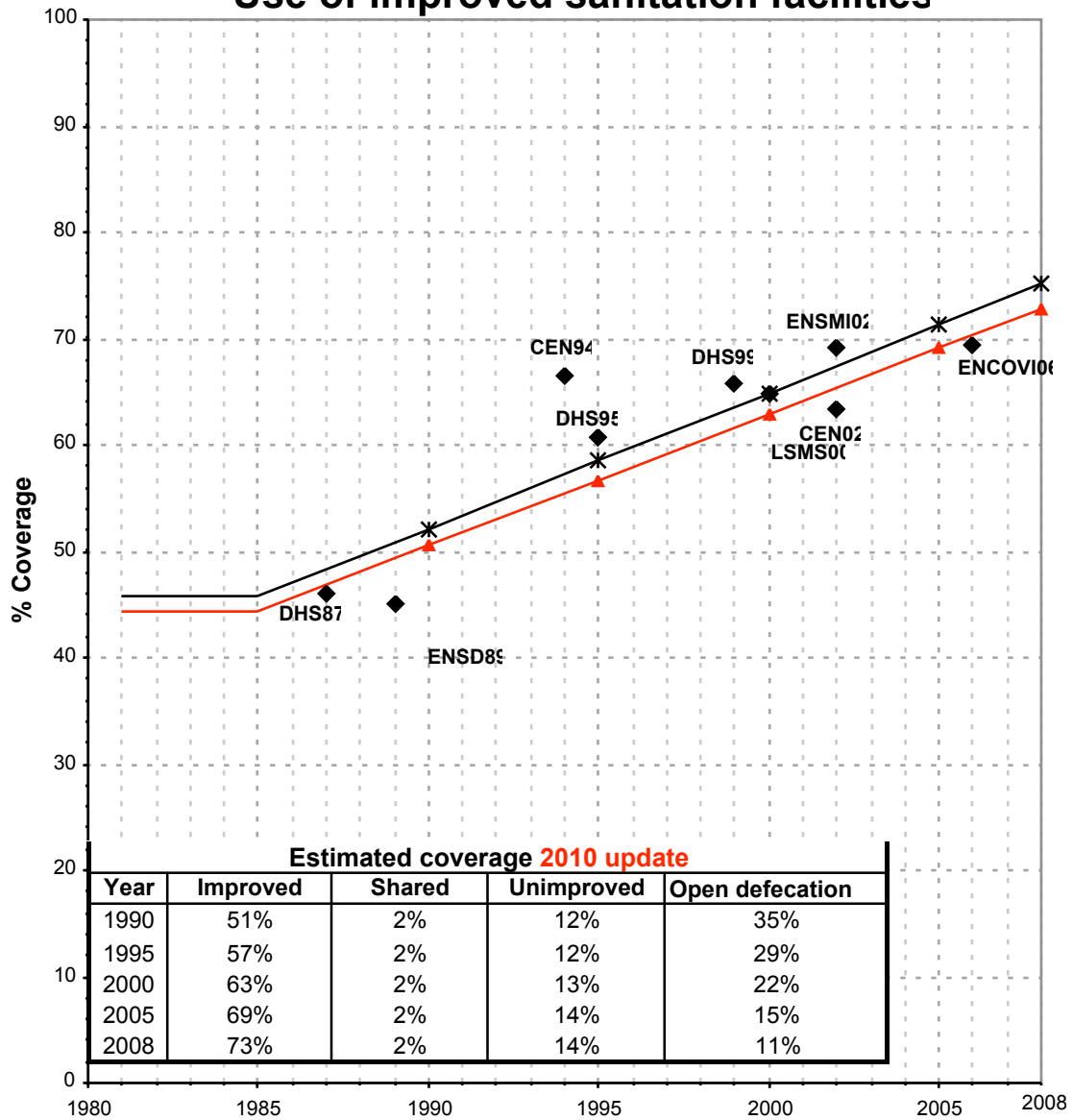
| Guatemala | | | SANITATION | | | | | | | | | | | | | | | |
|---|---------|------|------------------|----------|-------|----------|-----------------|----------|--------|----------|------------------|----------|-------|----------|-----------------|----------|--------|----------|
| | | | URBAN | | | | | | | | RURAL | | | | | | | |
| | | | Sewer connection | | Total | | Open defecation | | Shared | | Sewer connection | | Total | | Open defecation | | Shared | |
| Source | Code | Year | Used | Not used | Used | Not used | Used | Not used | Used | Not used | Used | Not used | Used | Not used | Used | Not used | Used | Not used |
| Demographic and Health Survey | DHS87 | 1987 | 62.9 | | 88.5 | | 4.3 | | | | 7.6 | | 46.0 | | 40.7 | | | |
| Demographic Census | CEN94 | 1994 | 61.0 | | 94.5 | | 2.6 | | | | 5.4 | | 66.5 | | 19.4 | | | |
| Demographic and Health Survey | DHS95 | 1995 | 64.9 | | 89.2 | | 5.3 | | | | 11.5 | | 60.8 | | 25.3 | | | |
| Demographic and Health Survey | DHS99 | 1999 | 64.4 | | 90.3 | | 3.2 | | | | 18.9 | | 65.7 | | 21.5 | | | |
| Global Water Supply and Sanitation Assessment 2000. | JMP99 | 1998 | | 93.3 | | 95.4 | | | | | | 4.2 | | 60.5 | | | | |
| Encuesta Nacional de Salud Materno Infantil | ENSMI02 | 2002 | 69.8 | | 91.1 | | 4.2 | | | | 18.6 | | 69.2 | | 18.0 | | | |
| World Health Survey | WHS03 | 2003 | 82.6 | | 97.6 | | 1.2 | | 6.9 | | | 13.6 | | 83.0 | | 13.1 | | 7.3 |
| Censos de Poblacion y Habitacion, 2002 | CEN02 | 2002 | 72.0 | | 92.5 | | 5.4 | | 7.7 | | 11.5 | | 63.4 | | 23.7 | | 3.0 | |
| ENCOVI, 2006 | | 2006 | 68.4 | | 96.3 | | 1.8 | | | | 7.6 | | 69.4 | | 17.4 | | | |
| ENSD, 1989 | ENSD89 | 1989 | 59.3 | | 91.2 | | 5.9 | | | | 6.4 | | 45.0 | | 44.9 | | | |
| LSMS, 2000 | LSMS00 | 2000 | 63.4 | | 95.9 | | 2.5 | | | | 4.9 | | 64.8 | | 21.3 | | | |

Guatemala - urban - Use of improved sanitation facilities



■ Used for the estimates * Estimates ▲ JMP 2010 estimate

Guatemala - rural - Use of improved sanitation facilities



◆ Used for the estimates * Estimates ▲ JMP 2010 estimate

Sanitation

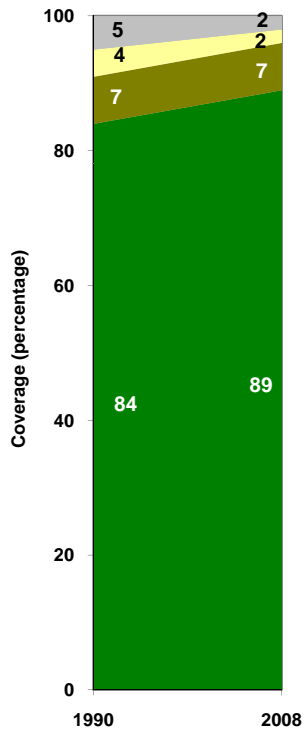
| Guatemala | Sanitation coverage estimates | | | | | |
|-----------------------|-------------------------------|------|-----------|------|-----------|------|
| | Urban (%) | | Rural (%) | | Total (%) | |
| | 1990 | 2008 | 1990 | 2008 | 1990 | 2008 |
| Improved facilities | 84 | 89 | 51 | 73 | 65 | 81 |
| Shared facilities | 7 | 7 | 2 | 2 | 4 | 4 |
| Unimproved facilities | 4 | 2 | 12 | 14 | 8 | 8 |
| Open defecation | 5 | 2 | 35 | 11 | 23 | 7 |

Source: WHO/UNICEF JMP, 2010

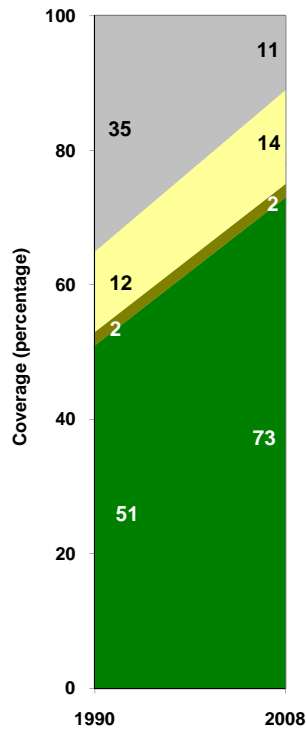
| Guatemala | Urban | | Rural | | Total | |
|--------------------|-------|-------|-------|-------|-------|--------|
| | 1990 | 2008 | 1990 | 2008 | 1990 | 2008 |
| Population (x1000) | 3,664 | 6,641 | 5,247 | 7,045 | 8,910 | 13,686 |

Source: UN / Population Division, 2008

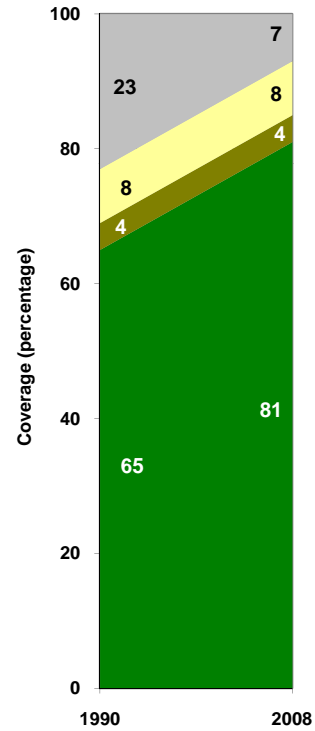
Urban sanitation trends



Rural sanitation trends



Total sanitation trends



- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation

- Improved facilities
- Shared facilities
- Unimproved facilities
- Open defecation