

# WSS/JMP

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## WHO/UNICEF Joint Monitoring Program: Water Supply and Sanitation

The water and sanitation series is developed using data from the WHO/UNICEF Joint Monitoring Program for water supply and sanitation (JMP). The JMP reports country, regional and global estimates of progress on drinking water, sanitation and hygiene (WASH) from 2000 to 2015.

The WSS JMP dataset provides substantial information on water, sanitation and hygiene, broken into national, urban and rural subgroups. Within these subgroups, global estimates are provided that show the proportion of a country's population using improved and unimproved access to water, sanitation and hygiene. For the water dataset, IFs draws primarily on..... For the sanitation dataset, IFs uses the sanitation estimates to break the data down into the proportion of population (%) and the amount of people within a population. To construct these data series, IFs draws primarily on the population served with improved sanitation, unimproved sanitation, other unimproved sanitation, shared sanitation, and open defecation sanitation.

## Instructions on Importing Water Data into IFs

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This section explains the methodology to be followed when importing WSS JMP water supply data into IFs. It also describes certain problems that a user might face in interpreting and understanding the data.

**Source:** Water supply data is published by the WHO/UNICEF JMP.

**Country List to be Used:** WSS JMP

**Types of Data:** The following categories of data need to be imported into IFs:

**Issues in the data and their resolution:**

## Instructions on Importing Sanitation Data into IFs

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This section explains the methodology to be followed when importing WSS JMP sanitation data into IFs. It also describes certain problems that a user might face in interpreting and understanding the data.

**Source:** Sanitation data is published by the WHO/UNICEF JMP. The data is available at the website <https://washdata.org/data>

**Country List to be Used:** WSS JMP

**Types of Data:** The following categories of data need to be imported into IFs:

1. **WSSJMPSanitationTotal%Improved**- Describes the proportion of the total population served with improved sanitation (%). Sum of National Latrines, Septic Tanks, Sewer Connections.
2. **WSSJMPSanitationTotal%Unimproved**- Describes the proportion of the total population served with Unimproved Sanitation (%). Total Unimproved Sanitation is the sum of Open Defecation, Other Unimproved, and Shared sanitation access.
3. **WSSJMPSanitationTotal%OtherUnimproved**- Describes the proportion of the total population with Other Unimproved Sanitation (%). National Unimproved
4. **WSSJMPSanitationTotal%Shared**- Describes the proportion of the total population served with Shared Sanitation (%). National Limited (shared)
5. **WSSJMPSanitationTotal%OpenDefecation**- Describes the proportion of the total population served with Open Defecation Sanitation (%). National Open Defecation
6. **WSSJMPSanitationUrban%Improved**- Describes the proportion of the urban population served with Improved Sanitation (%). Sum of National Latrines, Septic Tanks, Sewer Connections.
7. **WSSJMPSanitationUrban%Unimproved**- Describes the proportion of the urban population served with Unimproved Sanitation (%). Urban Unimproved Sanitation is the sum of Open Defecation, Other Unimproved, and Shared sanitation access.
8. **WSSJMPSanitationUrban%OtherUnimproved**- Describes the proportion of the urban population with Other Unimproved Sanitation (%). National Unimproved
9. **WSSJMPSanitationUrban%Shared**- Describes the proportion of the urban population served with Shared Sanitation (%). National Limited (shared)
10. **WSSJMPSanitationUrban%OpenDefecation**- Describes the proportion of the urban population served with Open Defecation Sanitation (%). National Open Defecation
11. **WSSJMPSanitationRural%Improved**- Describes the proportion of the rural population served with Improved Sanitation (%). Sum of National Latrines, Septic Tanks, Sewer Connections.
12. **WSSJMPSanitationRural%Unimproved**- Describes the proportion of the rural population served with Unimproved Sanitation (%). Rural Unimproved Sanitation is the sum of Open Defecation, Other Unimproved, and Shared sanitation access.
13. **WSSJMPSanitationRural%OtherUnimproved**- Describes the proportion of the rural population with Other Unimproved Sanitation (%). National Unimproved
14. **WSSJMPSanitationRural%Shared**- Describes the proportion of the rural population served with Shared Sanitation (%). National Limited (shared)
15. **WSSJMPSanitationRural%OpenDefecation**- Describes the proportion of the rural population served with Open Defecation Sanitation (%). National Open Defecation
16. **WSSJMPSanitationTotalPopImproved**- Describes the total population served with Improved Sanitation. Calculated by the population\*(Sum of Latrines, Septic Tanks, Sewer Connections/100).
17. **WSSJMPSanitationTotalPopUnimproved**- Describes the total population served with Unimproved Sanitation. Total Unimproved Sanitation is the sum of Open Defecation, Other Unimproved, and Shared sanitation access.

18. **WSSJMPSanitationTotalPopOtherUnimproved-** Describes the total population with Other Unimproved Sanitation. Calculated by the  $\text{population} * (\text{National Unimproved} / 100)$ .
19. **WSSJMPSanitationTotalPopShared-** Describes the total population served with Shared Sanitation. Calculated by the  $\text{population} * (\text{National Limited (shared)} / 100)$ .
20. **WSSJMPSanitationTotalPopOpenDefecation-** Describes the total population served with Open Defecation Sanitation. Calculated by the  $\text{population} * (\text{National Open Defecation} / 100)$ .
21. **WSSJMPSanitationUrbanPopImproved-** Describes the urban population served with Improved Sanitation. Calculated by the  $\text{population} * (\text{Urban Pop} / 100) * (\text{Sum of Latrines, Septic Tanks, Sewer Connections} / 100)$ .
22. **WSSJMPSanitationUrbanPopUnimproved-** Describes the urban population served with Unimproved Sanitation. Urban Unimproved Sanitation is the sum of Open Defecation, Other Unimproved, and Shared sanitation access.
23. **WSSJMPSanitationUrbanPopOtherUnimproved-** Describes the urban population with Other Unimproved Sanitation. Calculated by the  $\text{population} * (\text{Urban Pop} / 100) * (\text{Urban Unimproved})$ .
24. **WSSJMPSanitationUrbanPopShared-** Describes the urban population served with Shared Sanitation. Calculated by the  $\text{population} * (\text{Urban Pop} / 100) * (\text{Urban Limited (shared)} / 100)$ .
25. **WSSJMPSanitationUrbanPopOpenDefecation-** Describes the urban population served with Open Defecation Sanitation. Calculated by the  $\text{population} * (\text{Urban Pop} / 100) * (\text{Urban Open Defecation} / 100)$ .
26. **WSSJMPSanitationRuralPopImproved-** Describes the rural population served with Improved Sanitation. Calculated by the  $\text{population} * (100 - \text{Urban Pop}) * (\text{Sum of Latrines, Septic Tanks, Sewer Connections} / 100)$ .
27. **WSSJMPSanitationRuralPopUnimproved-** Describes the rural population served with Unimproved Sanitation. Rural Unimproved Sanitation is the sum of Open Defecation, Other Unimproved, and Shared sanitation access.
28. **WSSJMPSanitationRuralPopOtherUnimproved-** Describes the rural population with Other Unimproved Sanitation, Calculated by the  $\text{population} * (100 - \text{Urban Pop} / 100) * (\text{Rural Unimproved} / 100)$ .
29. **WSSJMPSanitationRuralPopShared-** Describes the rural population served with Shared Sanitation. Calculated by the  $\text{population} * (100 - \text{Urban Pop} / 100) * (\text{Rural Limited (shared)} / 100)$ .
30. **WSSJMPSanitationRuralPopOpenDefecation-** Describes the rural population served with Open Defecation Sanitation. Calculated by the  $\text{population} * (100 - \text{Urban Pop} / 100) * (\text{Rural Open Defecation} / 100)$ .

### **Issues in the data and their resolution:**

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