The regional average was chosen over an average estimated by taking the average of each facility type within a specific region (region&facility type method) because: a) within each facility type by region, facility count was low in some regions; b) previous work on linking DHS and SPA datasets without using GPS coordinates suggest linking the two at level at which the survey is representative; c) we calculated the proportion of improved WATSAN or WATER by country regions using both methods (region&facility type and regional methods) and yielded very similar results. Across 29 regions in the four countries, the two methods provided estimates falling within the same 10% range for 25 of them. For 3 regions the regional method was yielding slightly lower estimates that fell in the lower 10% range compared to the region&facility type method. For only one region in Rwanda the difference between the two methods yielded considerably different estimates. Finally, we decided to use the region&facility type method also because the Rwanda DHS does not have a response category for having delivered in a private hospital; whereas, from the Rwanda SPA, we know 35% of facility deliveries occur in private facilities. Using the weighted estimates by region, we bypassed this inconsistency between the two datasets.