



WHdx Draft Data Standard - proposed mapping for JMP and WASHFIT surveys

#	WHdx Data Standard Parameter	WHdx Hashtag	Required?	Proposed Standard Parameter Format	JMP Core Question #	JMP mapping to WHdx standard notes	WASH FIT 2.0 Survey Question #	WASH FIT mapping to WHdx standard notes	WASH FIT 1.0 Survey Question #	WASH FIT mapping to WHdx standard notes
1	Country	#country_id	Mandatory	2 letter number code						
2	Date of Data Inventory	#report_date	Mandatory	standardized date						
3	Latitude	#lat_deg	Mandatory	in decimal degrees						
4	Longitude	#lon_deg	Mandatory	in decimal degrees						
5	Data Source	#source	Mandatory	Official name of data provider						
6	Facility Name	#facility	Mandatory	Official name of health facility						
7	Health Facility Classification	#HCF_cat	Mandatory	Categories to include: hospital, health center, health post, dispensary, non-hospital						
8	Administration 1	#adm1	Optional	Official adm1						
9	Administration 2	#adm2	Optional	Official adm2						
10	Facility Code	#fac_code	Optional	Provide the government issued standardized code for the healthcare facility						
11	Number of Outpatients/Month	#outpt	Optional	Number						
12	Number of Inpatients/Month	#inpt	Optional	Number						
13	Number of Deliveries/month	#deliveries	Optional	Number						
14	Number of Beds	#beds	Optional	Number						
15	Total number of facility staff	#medical_staff	Optional	Number						
14	Is water currently available for the main water supply?	#water_avail	Mandatory	Yes\No\Unknown	G-W3	Yes/No/Unknown	W_3b	Yes: Water is available throughout the facility; water is available from some but not all water points No: No water is available	1.1	Yes/Improved: Improved water supply within facility and available; Improved water supply on premises, (outside of facility building) and available No: No improved water source within facility grounds, or improved supply in place but not available
15	Is the main water supply improved?	#improved_water	Mandatory	Yes/No/Unknown	G-W1	Yes/Improved: Piped supply inside the building; Piped supply outside the building; Tube well / Borehole; Protected dug well; Protected spring; Rain water; Tanker truck; No/Unimproved: Unprotected spring; Unprotected dug well; Surface water (river/dam/lake/pond); Other	W_1a OR W_1b	Yes/Improved: Improved water supply accessible on premises (within facility buildings); Improved water supply accessible on premises (but outside of facility building); Water piped inside the facility to all high-risk wards (maternity, operating room/OR, intensive care/ICU); Water is piped inside but not to all high-risk wards No/Unimproved: No improved water source accessible on premises	1.1	Yes/Improved: Improved water supply within facility and available; Improved water supply on premises, (outside of facility building) and available No: No improved water source within facility grounds, or improved supply in place but not available

16	Where is the main water supply located?	#water_location	Mandatory	On-premises/Off-premises	G-W2	On-premises: on premises; piped supply Off-premises: up to 500, 500 m or further	W_1a OR W_1b	On-premises: Improved water supply accessible on premises (within facility buildings); Improved water supply accessible on premises (but outside of facility building); Water piped inside the facility to all high-risk wards (maternity, operating room/OR, intensive care/ICU); Water is piped inside but not to all high-risk wards Off-premises: No improved water source accessible on premises	1.1	On-premises: Improved water supply within facility and available; Improved water supply on premises, (outside of facility building) and available Off-premises: No improved water source within facility grounds, or improved supply in place but not available
17	What is the water supply extraction technology?	#water_tech	Optional	Similar to WPdx		N/A		N/A		
18	What is the water supply source ?	#water_source	Optional	Piped_in, Piped_out, Borehole, Protected shallow well, Protected spring, Rain water, Tanker truck, Unprotected spring, unprotected shallow well, surface water, other	G-W1	Piped supply inside the building; Piped supply outside the building; Tube well / Borehole; Protected dug well; Protected spring; Rain water; Tanker truck; Unimproved: Unprotected spring; Unprotected dug well; Surface water (river/dam/lake/pond); Other				
19	Is water available at the facility at all operating times?	#water_avail_cont	Optional	Yes/No/Unknown			W_3a	Yes: Water is available 7 days a week, all day, every day No: Water is available 4 days/week and/or not the entire day; Water is available fewer than 4 days per week and/or is not available for more than half the day	1.2	Yes: Yes, every day and of sufficient quantity No: More than five days per week or every day but not sufficient quantity; Fewer than five days per week
20	Is water available throughout the year?	#water_annual	Optional	Yes/No/Unknown			W_4	Yes: Water is available throughout the year No: Water shortages for one to two months; Water shortages for three months or more	1.7	Yes: Yes, throughout the year No: Water shortages for one to two months; Water shortages for three months or more
21	Is water of sufficient quantity for all uses?	#water_quan	Optional	Yes/No/Unknown			W_7	Yes: Water is of sufficient quantity for all uses across the whole facility No: Water quantity is sufficient for 75% of needs (across all wards and uses); Water quantity less than 75% sufficient	1.8	Yes: Yes, Water storage is sufficient to meet the needs of the facility for two days No: More than 75% of needs met; Less than 75% of needs met
22	Water Quality Results - Is e. coli present in the primary supply?	#water_qual_ecoli	Optional	Yes\No			W_12	Yes: Drinking water has E.Coli ≤10 /100ml OR medium risk according to SI form; E.Coli more than >10/100ml /Do not know if E.Coli present /do not have capacity to test /no drinking-water available OR high risk according to SI form No: Drinking water is free of E. coli OR low risk according to SI form		

23	Is the drinking water treated with chlorine?	#water_treatment1	Optional	Yes/No/Unknown			W_11	<p>Yes: Drinking water is available with the appropriate free chlorine residual</p> <p>No: Free chlorine residual exists, but is <0.2mg/L; Do not know residual/do not have capacity to test residual/no drinking-water available</p>	1.1	<p>Yes: Yes, drinking water has appropriate chlorine residual</p> <p>No: Chlorine residual exists, but is <0.2mg/L; Not treated/do not know residual/do not have capacity to test residual/no drinking-water available</p>
24	How is the piped water treated?	#water_treatment2	Optional	Yes/No/Unknown			W_13	<p>Yes: Water is treated and regulated through a piped service or water is treated regularly with a proven technology</p> <p>No: Water is treated with a proven technology but not regularly; Water is not treated or treated with a technology that does not meet WHO standards</p>	1.9	<p>Yes: Yes, water is treated and collected for drinking with a proven technology</p> <p>No: Water is treated but not regularly; Water is not treated</p>
25	Are usable toilets available on premises?	#usable_toilets	Mandatory	Yes/No/Unknown	G-S2	Yes/No/Unknown	S_2	<p>Yes: All patient toilets are available and usable; Some but not all patient toilets are available and usable</p> <p>No: None of the patient toilets are available or usable</p>	2.1	<p>Yes: Four or more (outpatients) and one per 20 users (inpatients); Sufficient number present but not all functioning or insufficient number;</p> <p>No: Less than 50% of required number of latrines available and functioning</p>
26	Is there at least one improved toilet dedicated for staff?	#staff_toilet	Mandatory	Yes/No/Unknown	G-S3	Yes/No/Unknown	S_2	<p>Yes: At least one functional toilet exists for staff use and is clearly separated/labeled</p> <p>No: Toilet exists for staff use, but toilet is not clearly separated/labeled or functional; No separate toilet exists for staff use, or toilets are unimproved</p>	2.2	<p>Yes: Yes, toilets or improved latrines clearly separated for staff and patients</p> <p>No: Separate latrines are available but not clearly separated; No separate latrines</p>
27	Are toilets sex-separated (or gender-neutral)?	#gender_toilets	Mandatory	Yes/No/Unknown	G-S4		S_5	<p>Yes: Separate toilets for male/female use exist and are clearly labeled (and provide privacy for users)</p> <p>No: Separate toilets exist but not clearly labeled; No separate toilets exist and no privacy in other toilets or toilets are unimproved</p>	2.3	<p>Yes: Toilets or improved latrines clearly separated for male and female</p> <p>No: Latrines are separated for male and female, but not clearly separated; No separate latrines</p>
28	Does at least one toilet have menstrual hygiene management facilities?	#mhm	Mandatory	Yes/No/Unknown	G-S5		S_6	<p>Yes: One or more usable toilets caters for MHM</p> <p>No: There is space for women to wash but no water available, toilet is not clean/ in disrepair or bin for disposal of waste is available but full; No MHM facilities are available or facilities are available but toilet is not usable or toilets are unimproved</p>	2.4	<p>Yes: At least one toilet or improved latrine provides the means to manage menstrual hygiene needs</p> <p>No: Yes, but toilet is not clean or in disrepair; No</p>

29	Does at least one toilet meet the needs of people with reduced mobility?	#access_toilet	Mandatory	Yes/No/Unknown	G-S6		S_7	Yes: One or more functional toilet meets need of people with reduced mobility No: Toilet meets needs of people with reduced mobility but is not functional or toilet is functional but only partially meets needs of people with reduced mobility; No toilets for disabled users or toilets are unimproved	2.5	Yes: At least one toilet meets the needs of people with reduced mobility No: Yes, but not available or in disrepair; No toilets for disabled users
30	Are improved toilets available for patients?	#improved_toilets	Mandatory	Yes/No/Unknown	G-S1	Yes/Improved: flush / pour-flush toilet to sewer connection; flush / pour-flush toilet to tank or pit; pit latrine with slab; composting toilet; No/Unimproved: flush / pour-flush toilet to open drain; pit latrine without slab/open pit; bucket; hanging toilet/latrine; no toilet/latrine; other	S_1	Yes/Improved: Two or more improved toilets for outpatients plus one per 20 users/ inpatients; Requirement is met for outpatients or inpatients, but not both No/Unimproved: Neither inpatient or outpatient has sufficient number of toilets or existing toilets are not improved	2.1	Yes: Four or more (outpatients) and one per 20 users (inpatients) No: Sufficient number present but not all functioning or insufficient number; Less than 50% of required number of latrines available and functioning
31	What is the primary type of toilets/latrines are at the facility for patients?	#toilets_tech	Optional	Yes/No/Unknown	G-S1	flush / pour-flush toilet to sewer connection; flush / pour-flush toilet to tank or pit; pit latrine with slab; composting toilet; flush / pour-flush toilet to open drain; pit latrine without slab/open pit; bucket; hanging toilet/latrine; no toilet/latrine; other				
32	Are hand hygiene facilities with appropriate resources available at points of care?	#hh_poc	Mandatory	Yes/Some/No/Unknown	G-H1	Yes: Yes No: No, there are hand hygiene facilities at points of care but not functional, or lacking soap and water or alcohol-based hand rub; No, no hand hygiene facilities at points of care; No, no hand hygiene facilities at the health care facility	H_1	Yes: All points of care have functioning hand hygiene (either water and soap or alcohol handrub solution) Some: At least 75% of points of care have functioning hand hygiene stations present No: Fewer than 75% of points of care have functioning hand hygiene stations present	3.1	Yes: Functioning hand hygiene stations are available at all points of care No: Stations present, but no water and/or soap or alcohol handrub solution; Not present
33	Are hand washing facilities with appropriate resources available within 5 meters of toilets?	#hw_toilets	Mandatory	Yes/Some/No/Unknown	H-H2	Yes: Yes No: No, there are handwashing facilities near the toilets but lacking soap and/or water; No, no handwashing facilities near toilets (within 5 meters)	S_3	Yes: All toilets have functional hand washing stations within 5 metres Some: At least 50% of toilets have functioning hand washing stations within 5 metres No: Fewer than 50% of toilets have functioning hand washing stations within 5 metres	2.6	Yes: Functioning hand hygiene stations within 5 m of latrines No: Present, not functioning or no water or soap; Not present
34	Is alcohol-based hand sanitizer available at points of care?	#abhr	Optional	Yes/No/Unknown						

35	Is waste correctly segregated in patient care areas?	#waste_seg	Mandatory	Yes/Some/No/Unknown	G-WM1	<p>Yes: Yes, waste is segregated into three labeled bins</p> <p>No: No, bins are present but do not meet all requirements or waste is not correctly segregated; No, bins are not present</p>	HCWM_3	<p>Yes: Waste is correctly segregated at all waste generation points</p> <p>Some: More than 75% of bins have the correct waste</p> <p>No: Less than 75% of bins are used for the correct waste</p>	2.13	<p>Yes: Waste correctly segregated at all waste generation points</p> <p>No: Some sorting but not all correctly or not practised throughout the facility; No sorting</p>
36	Is infectious waste safely managed?	#infect_waste	Mandatory	Yes/Some/No/Unknown	G-WM2	<p>Yes: Autoclaved; Incinerated (two chamber, 850-1000 °C incinerator); Incinerated (other); Burning in a protected pit; Not treated, but buried in lined, protected pit; Not treated, but collected for medical waste disposal off-site;</p> <p>No: Open dumping without treatment; Open burning; Not treated and added to general waste; Other (specify)</p>	HCWM_10	<p>Yes: Technology is built to appropriate standards, well-maintained, functional and of sufficient capacity; Waste collected regularly and safely and sent to appropriate treatment facility.</p> <p>No: Technology is either not built to correct standards or not of sufficient capacity; Technology is not functional and not of sufficient capacity; Waste collected regularly and safely but treatment facility has not been verified; Waste not collected safely or regularly nor sent to an appropriate or licensed facility.</p>	2.15	<p>Yes: Incinerator or alternative treatment technology for the treatment of infectious and sharp waste is functional and of a sufficient capacity</p> <p>No: Present but not functional and/or of a sufficient capacity; None present</p>
37	Is sharps waste safely managed?	#sharps	Mandatory	Yes/Some/No/Unknown	G-WM3	<p>Yes: Autoclaved; Incinerated (two chamber, 850-1000 °C incinerator); Incinerated (other); Burning in a protected pit; Not treated, but buried in lined, protected pit; Not treated, but collected for medical waste disposal off-site;</p> <p>No: Open dumping without treatment; Open burning; Not treated and added to general waste; Other (specify)</p>	HCWM_10	<p>Yes: Technology is built to appropriate standards, well-maintained, functional and of sufficient capacity; Waste collected regularly and safely and sent to appropriate treatment facility.</p> <p>No: Technology is either not built to correct standards or not of sufficient capacity; Technology is not functional and not of sufficient capacity; Waste collected regularly and safely but treatment facility has not been verified; Waste not collected safely or regularly nor sent to an appropriate or licensed facility.</p>	2.15	<p>Yes: Incinerator or alternative treatment technology for the treatment of infectious and sharp waste is functional and of a sufficient capacity</p> <p>No: Present but not functional and/or of a sufficient capacity; None present</p>
38	Are cleaning protocols available?	#clean_protocols	Mandatory	Yes/No/Unknown	G-C1	Yes/No/Unknown	EC_1	<p>Yes: Cleaning policy or protocol exists, is implemented and monitored</p> <p>No: Cleaning policy or protocol exists but is not implemented or monitored; No cleaning policy or protocol exists</p>	4.5	<p>Yes: A protocol for operation and maintenance, including procurement of WASH supplies is visible, legible and implemented</p> <p>No: Protocol exists but not implemented; No protocol</p>
39	Have staff with cleaning responsibilities been trained?	#cleaner_training	Mandatory	Yes/Some/No/Unknown	G-C2	<p>Yes: Yes, all have been trained</p> <p>Some: No, some but not all have been trained;</p> <p>No: No, none have been trained; No, there are no staff responsible for cleaning</p>	EC_5	<p>Yes: All staff responsible for cleaning have received training</p> <p>Some: Some but not all staff have received training</p> <p>No: No staff have received training</p>		

40	Are there sufficient cleaners?	#cleaners	Optional	Yes/No/Unknown	No: No, there are no staff responsible for cleaning	EC_4	Yes: Required number of staff available at all times when needed and have dedicated time for performing cleaning activities No: Some staff available but not sufficient number, not at all times when needed, or not in all wards; No cleaning staff available	4.4	Yes: Adequate cleaners and WASH maintenance staff are available No: Some available, but not adequate or not skilled/motivated; None available
41	Is there a budget available for WASH activities and personnel?	#budget	Optional	Yes/Insufficient/None/Unknown		M_9	Yes: Budget exists and addresses staff/training and consumables/O&M Insufficient: Budget exists for staff but not training / or for consumables but not O&M / or budget not sufficient to cover all costs None: No budget exists	4.2	Yes: An annual planned budget for the facility is available and includes funding for WASH infrastructure, services, personnel and the continuous procurement of WASH items (hand hygiene products, minor supplies to repair pipes, toilets, etc.) which is sufficient to meet the needs of the facility No: Yes, but budget is insufficient; No budget
42	Does the facility have a functional electrical source?	#elec_source	Optional	Yes/Non-functional/No/Unknown		E_1	Yes: Electricity source exists, is functional and well-maintained Non-Functional: Yes, exists but not currently functional No: No electricity exists		
43	Is energy sufficient for all electrical needs of the facility?	#suff_elec	Optional	Yes/No/Unknown		E_2	Yes: Energy of sufficient quantity at all times No: Energy is sufficient to meet some but not all demand; No energy available		
44	Is the delivery room adequately lit?	#dl_light	Optional	Yes/No/Unknown		E_7	Yes: Delivery room(s) has functioning lighting No: Lighting infrastructure exists, but not functioning; Not adequately lit or no lighting infrastructure		
45	URL to photograph/s	#photo	Optional	URLs separated by a semi-colon ;					