

TABLE S1. Sample Size by Each Program Area Stratified by Round of Data Collection

Country	Final round of SSH4A intervention (n=22,145)	Population at the final round of SSH4A intervention	Post-implementation round (n=22,666)	Population at post-implementation round
Bhutan	386	35410	394	35410
Ethiopia 1	2145	531578	2145	531578
Ethiopia 2	753	201078	830	201078
Ghana	2700	512939	2743	512939
Indonesia	1929	174547	1929	174547
Kenya	3071	886178	3083	886178
Mozambique	948	708594	1030	708594
Nepal 1	540	215997	550	215997
Nepal 2	2572	548424	2606	548424
Tanzania	1974	1076487	1987	1076487
Uganda	3499	2277682	3662	2277682
Zambia	1628	673529	1707	673529

Abbreviation: SS4HA, Sustainable Sanitation and Hygiene for All.

TABLE S2. Shift in Coverage of Various Sanitation Technology Types Across the 5 Rounds

Country	Round	Flush/pour-flush toilet	Pit latrine with slab	Pit without slab /hanging latrine	No latrine /sharing
Bhutan	Baseline	44.09	13.12	15.49	27.30
	2	84.68	0.52	6.49	8.31
	3	93.26	2.07	0.52	4.15
	Sustainability ^a	96.19	0.76	0.76	2.28
Ethiopia 1	Baseline	0.00	18.72	1.40	79.88
	2	0.00	52.70	5.72	41.58
	3	0.00	92.86	1.37	5.77
	4	0.00	95.47	0.00	4.53
	Sustainability ^a	0.00	32.33	0.09	67.58
Ethiopia 2	Baseline	0.00	19.23	5.13	75.64
	2	0.00	98.15	0.00	1.85
	3	0.00	98.99	0.00	1.01
	4	0.53	98.67	0.00	0.80
	Sustainability ^a	0.36	85.30	3.25	11.08
Ghana	Baseline	0.57	7.72	8.05	83.66
	2	0.44	17.33	9.22	73.00
	3	2.17	28.51	13.27	56.05
	4	1.63	34.49	1.36	62.52
	Sustainability ^a	2.23	36.85	1.30	59.61
Indonesia	Baseline	60.91	1.54	20.03	17.52
	3	73.48	0.52	12.60	13.40
	4	91.07	4.10	0.39	4.44
	Sustainability ^a	90.38	0.60	0.95	8.07
Kenya	Baseline	0.85	17.93	33.50	47.71
	2	3.15	33.30	46.67	16.88
	3	4.29	61.07	6.37	28.27
	4	5.03	62.71	2.73	29.54
	Sustainability ^a	7.50	59.97	5.50	27.03
Mozambique	Baseline	0.68	18.72	30.03	50.57
	2	0.52	58.75	2.97	37.76
	3	0.31	69.84	2.44	27.41
	4	0.20	64.89	1.36	33.55
	Sustainability ^a	0.00	49.66	0.29	50.06
Nepal 1	Baseline	33.25	1.91	0.99	63.85
	2	50.53	16.89	0.87	31.70
	3	80.72	1.16	0.30	17.82
	4	98.01	1.00	0.00	1.00
	Sustainability ^a	82.81	14.51	0.00	2.68
Nepal 2	Baseline	23.76	3.67	1.22	71.35
	3	82.45	3.85	0.41	13.29
	4	94.44	0.04	1.32	4.20
	Sustainability ^a	90.53	4.29	0.00	5.19
Tanzania	Baseline	3.84	27.03	35.81	33.32
	2	2.40	23.91	66.42	7.27
	3	2.29	19.84	64.25	13.61
	4	5.27	59.60	30.67	4.46
	Sustainability ^a	19.53	48.37	19.49	12.62
Uganda	Baseline	0.14	14.64	68.41	16.81
	2	0.50	51.93	33.82	13.75
	4	1.83	76.30	3.83	18.03
	Sustainability ^a	1.44	55.21	24.48	18.87
Zambia	Baseline	0.00	10.72	34.60	54.68
	2	0.00	80.46	7.80	11.74
	3	0.12	72.73	15.47	11.68
	4	1.41	89.68	0.86	8.05
	Sustainability ^a	1.21	71.45	9.08	18.26

^a Indicates when SNV stopped working in the program area.

TABLE S3. Shift in Coverage of Any Sanitation Ownership, Shared Sanitation, and Open Defecation, Comparing the Final Round While SNV Was Working in the Area to 1–2 Years Post-implementation

Country	Round	Own any toilet (no sharing)	Own any toilet (share it with others)	No toilet (use others' toilet)	No toilet (OD)
Bhutan	Round 4	95.08	0.78	1.04	3.11
	Sustainability	95.69	2.03	1.27	1.02
Ethiopia 1	Round 4	95.19	0.28	0.23	4.3
	Sustainability	31.39	1.03	1.53	66.05
Ethiopia 2	Round 4	98.94	0.27	0	0.8
	Sustainability	86.87	2.05	1.57	9.52
Ghana	Round 4	31.69	5.79	23.26	39.26
	Sustainability	36.22	4.17	13.78	45.84
Indonesia	Round 4	90.37	5.16	1.36	3.12
	Sustainability	88.38	3.55	5.43	2.64
Kenya	Round 4	60.15	10.32	11.79	17.75
	Sustainability	62.69	10.27	11.35	15.69
Mozambique	Round 4	63.11	3.34	0.34	33.21
	Sustainability	49.65	0.3	1.89	48.17
Nepal 1	Round 4	96.64	2.36	0.36	0.63
	Sustainability	96.27	1.05	1.12	1.56
Nepal 2	Round 4	91.95	3.85	0.62	3.58
	Sustainability	92.24	2.58	2.77	2.42
Tanzania	Round 4	91.64	3.9	2.33	2.13
	Sustainability	81.55	5.84	7.73	4.89
Uganda	Round 4	69.56	12.41	11.54	6.49
	Sustainability	66.53	14.59	14.59	4.28
Zambia	Round 4	89.29	2.66	2.57	5.48
	Sustainability	76.49	5.25	7.14	11.12

Abbreviation: OD, open defecation.

TABLE S4. Unadjusted Association Between Water Table Variable and Sustainability of Basic Sanitation Coverage^a 1–2 Years Post-implementation, by Country

*Country	Post-implementation % point change in basic sanitation coverage (95% CI)		P-value
	Among HHs with shallower water table	Among HHs with deeper water table	
Bhutan	N/A ^b	2% (-1%, 4%)	N/A ^b
Ethiopia 1	-60% (-74%, -47%)	-63% (-65%, -61%)	0.70
Ethiopia 2	N/A ^b	-14% (-17%, -12%)	N/A ^b
Ghana	5% (2%, 8%)	-1% (-6%, 4%)	0.03
Indonesia	1% (-3%, 5%)	-5% (-7%, -3%)	0.01
Kenya	-1% (-8%, 7%)	-1% (-4%, 1%)	0.91
Mozambique	N/A ^b	-15% (-20%, -11%)	N/A ^b
Nepal 1	-2% (-5%, 0%)	-1% (-3%, 1%)	0.46
Nepal 2	9% (6%, 13%)	-2% (-4%, -1%)	<0.01
Tanzania	11% (5%, 17%)	1% (-3%, 4%)	<0.01
Uganda	-25% (-29%, -20%)	-20% (-23%, -18%)	0.11
Zambia	-15% (-33%, 4%)	-18% (-21%, -16%)	0.70

Abbreviations: CI, confidence interval; HH, household; JMP, WHO/UNICEF Joint Monitoring Programme for Water Supply, Sanitation and Hygiene.

^a JMP definition.

^b N/A=Not applicable, indicating that countries had a prohibitively small sample size in this stratum (Ns ranging from 0 to 5 households).