

Plumb, I.D., Dobson, J., Seeman, S., Bruce, M., Masonover, A., Lefferts, B., Rudolph, K.M., Klejka, J., & Hennessy, T.W. (2021). Acceptability of household

Figure S1: Educational materials supporting boils prevention practices and distribution of household kits in a remote Alaska Native community—Alaska, 2016



Table S1: Characteristics of households in a remote Alaska Native community that were surveyed before and after distribution of intervention compared to households only surveyed once—Alaska, 2016

Characteristic	Households surveyed both in baseline and follow up surveys (57 households, 342 members)	Households surveyed only once* (21 households included in follow up survey, 99 members)	p-value comparison
Household size (median, range)	6 (1,14)	5 (1, 9)	0.091
Age of household members			
<5 years	25 (44%)	8 (38%)	0.648
5 to 15 years	41 (72%)	8 (38%)	0.007
16 to 45 years	54 (95%)	10 (48%)	<0.001
46 to 65 years	37 (65%)	5 (24%)	0.001
>65 years	13 (23%)	2 (10%)	0.331
Age of interviewee in years (median, range)	52 (21, 84)	39 (23, 79)	0.064
Interviewee female	38 (67%)	13 (62%)	0.695
Household owns steam bath	36 (63%)	4 (19%)	<0.001
Use of own steam bath per week (median, range)	3 (0,7)	4 (3, 4)	0.483
Use of personal washer for laundry with BT 12 0 0 10Tj ET			

Table S2: Household practices in a remote Alaska Native community before and after distribution of intervention packs to prevent boils (if all participating households included) —Alaska, 2016

Practice within household	Before intervention (N=71)	After intervention (N=64)	P-value
Use of bleach to clean steam bath once per week (if own steam)	27/40 (68%)	33/41 (80%)	0.182
Use of any seat barrier in steam bath	49 (69%)	56 (88%)*	0.010
Sharing of scrubbers for steam bath †	18 (25%)	12 (19%)	0.401
Use of antiseptic scrub in the steam bath	-	16/64 (25%)	-
Use of 1 capful of chlorine bleach in personal laundry	25 (35%) ‡	28 (44%) ‡	0.310
Use of hand sanitizer	21 (30%)	40 (63%)	<0.001

\*Including 48 (75%) households who used newly provided foam seat pad. †After the intervention, 55 (86%) households included members who used the new scrubber. ‡ Including 5 of 11 households without use of a high temperature dryer before the intervention, and 59 households without use of a high temperature dryer after the intervention.

Table S3: Reasons given for following or not following practices to prevent boils in a remote Alaska Native community (if all participating households included)—Alaska, 2016

Household practice	Reasons given for following practice* (No. responses)	Reasons given for not following practice* (No. responses)
Cleaning steam bath with bleach	<ul style="list-style-type: none"> <li>- Keep the steam bath clean (14)</li> <li>- Disinfect the steam bath (9)</li> <li>- Helps to prevent boils (9)</li> </ul>	<ul style="list-style-type: none"> <li>- Not enough time (4)</li> <li>- Not necessary (3)</li> </ul>
Use of a solid mat in steam bath	<ul style="list-style-type: none"> <li>- Comfortable to use (4)</li> <li>- Hygienic (3)</li> <li>- Helps prevent boils (3)</li> </ul>	<ul style="list-style-type: none"> <li>- Not available (7)</li> <li>- Do not like the experience (6)</li> <li>- Tradition or habit of not using (6)</li> <li>- Not necessary (4)</li> <li>- Would increase risk of boils (3)</li> <li>- Uncomfortable to use (3)</li> <li>- Cleaning other mat easier (2)</li> <li>- Not suitable (2)</li> </ul>
Use of distributed foam mat in steam bath	<ul style="list-style-type: none"> <li>- Something new to try (32)</li> <li>- Comfortable or liked to use (7)</li> <li>- Recommendation from others (2)</li> <li>- Prevent boils (2)</li> </ul>	<ul style="list-style-type: none"> <li>- Too slippery (14)</li> </ul>