

Table 1. Access to oral care and hygiene information among the Peruvian population in the period 2013-2016

Area	2013		2014		2015		2016	
	n	%	n	%	n	%	n	%
Geographic area								
Urban	1,273	54.36	6,653	57.27	12,090	64.28	11,227	62.47
Rural	680	52.51	2,390	54.88	5,344	59.30	4,902	59.93
p*	0.15		<0.01		<0.01		<0.01	
Natural region								
Coast	796	56.86	4,711	58.73	8,423	63.84	7,858	62.00
Highlands	792	50.48	2,539	52.43	6,259	70.15	5,781	71.41
Jungle	365	54.64	1,792	57.69	2,752	48.24	2,491	46.28
p*	<0.01		<0.01		<0.01		<0.01	
National	1,953	53.70	9,043	56.62	17,434	62.67	16,130	61.68

n: Absolute frequency

%: Relative frequency

* Chi-square test

Table 2. Access to oral care and hygiene information according to supplier organism and sector among the Peruvian population in the period 2013-2016

ORGANISM / SECTOR	2013		2014		2015		2016		p*
	n	%	n	%	n	%	n	%	
Information supplier organism									
Mass media	211	11.83	911	11.15	1,579	9.81	1,221	8.34	
MINSA	1,067	59.81	4,699	57.50	10,024	62.25	9,114	62.24	
Social Security	164	9.19	794	9.72	1,657	10.29	1,572	10.74	
FF. AA. or FF. PP.	6	0.34	24	0.29	41	0.25	31	0.21	
Local government	11	0.62	45	0.55	63	0.39	34	0.23	
Private sector	133	7.46	800	9.79	1,507	9.36	1,425	9.73	<0.01
NGO/church	13	0.73	37	0.45	61	0.38	47	0.32	
Grassroots organization	2	0.11	6	0.07	8	0.05	4	0.03	
Education institution	146	8.18	685	8.38	938	5.82	986	6.73	
Relatives/neighbors/friends	31	1.74	171	2.09	226	1.40	209	1.43	
Information supplier sector									
Mass media	211	12.88	911	12.17	1,579	10.41	1,221	8.94	
Public sector	1,248	76.19	5,562	74.29	11,785	77.71	10,751	78.72	
Private sector	146	8.91	837	11.18	1,568	10.34	1,472	10.78	<0.01
Community	33	2.01	177	2.36	234	1.54	213	1.56	

n: Absolute frequency

%: Relative frequency

* Chi-square test

Table 3. Access to oral care and hygiene information according to information supplier organism among the Peruvian population in the period 2013-2016.

YEAR /AREA	Mass media (%)	MINSA (%)	Social Security (%)	FF. AA. or FF. PP. (%)	Municipality (%)	Private sector (%)	NGO/Church (%)	Grassroots organization (%)	Education institution (%)	Relatives/neighbors /friends (%)	p*
2013											
Geographic area											
Urban	11.81	58.79	9.31	0.43	0.78	8.28	1.03	0.09	8.02	1.47	0.22
Rural	11.86	61.70	8.97	0.16	0.32	5.93	0.16	0.16	8.49	2.24	
Natural region											
Coast	13.36	56.34	10.88	0.41	0.41	8.95	0.69	0.00	7.30	1.65	<0.01
Highlands	11.42	57.80	9.47	0.28	0.70	6.96	1.11	0.14	9.75	2.37	
Jungle	9.41	71.47	5.00	0.29	0.88	5.29	0.00	0.29	6.76	0.59	
2014											
Geographic area											
Urban	11.00	56.73	9.56	0.35	0.64	10.36	0.45	0.08	8.91	1.92	<0.01
Rural	11.56	59.62	10.14	0.14	0.32	8.22	0.46	0.05	6.94	2.56	
Natural region											
Coast	11.78	57.62	9.11	0.31	0.72	9.68	0.55	0.05	8.27	1.93	<0.01
Highlands	10.81	54.33	10.47	0.30	0.47	11.20	0.26	0.13	9.18	2.84	
Jungle	10.02	61.65	10.21	0.24	0.24	8.09	0.48	0.06	7.55	1.45	
2015											
Geographic area											
Urban	12.29	52.01	13.85	0.35	0.42	12.65	0.28	0.04	6.27	1.84	<0.01
Rural	4.26	85.10	2.35	0.04	0.32	2.01	0.60	0.06	4.84	0.42	
Natural region											
Coast	12.43	51.43	12.88	0.35	0.51	14.17	0.31	0.05	6.09	1.78	<0.01
Highlands	7.13	74.32	6.83	0.07	0.19	4.76	0.35	0.03	5.16	1.17	
Jungle	7.84	68.04	10.17	0.39	0.47	5.05	0.66	0.08	6.52	0.78	
2016											
Geographic area											
Urban	10.30	52.13	14.61	0.29	0.28	13.23	0.25	0.04	7.12	1.75	<0.01
Rural	3.98	84.67	2.13	0.04	0.13	1.98	0.48	0.00	5.87	0.70	
Natural region											
Coast	10.27	51.76	14.00	0.31	0.35	14.60	0.23	0.04	6.70	1.74	<0.01
Highlands	7.01	72.95	6.86	0.08	0.11	5.19	0.42	0.00	6.19	1.19	
Jungle	5.40	70.29	9.46	0.22	0.13	5.01	0.39	0.04	8.07	0.99	

%: Relative frequency
** Chi-square test*

Table 4. Access to oral care and hygiene information according to information supplier sector among the Peruvian population in the period 2013-2016

YEAR/ AREA	Media	Public	Private	Community	p*
2013					
Geographic area					
Urban	12.84	75.35	10.12	1.69	0.07
Rural	12.96	77.76	6.65	2.63	
Natural region					
Coast	14.41	73.40	10.40	1.78	0.02
Highlands	12.65	75.62	8.95	2.78	
Jungle	10.09	83.28	5.68	0.95	
2014					
Geographic area					
Urban	12.07	73.85	11.87	2.20	<0.01
Rural	12.42	75.45	9.33	2.80	
Natural region					
Coast	12.84	73.86	11.15	2.16	<0.01
Highlands	11.91	72.20	12.62	3.27	
Jungle	10.84	78.25	9.27	1.63	
2015					
Geographic area					
Urban	13.11	71.08	13.79	2.01	<0.01
Rural	4.47	92.28	2.74	0.51	
Natural region					
Coast	13.23	69.39	15.42	1.95	<0.01
Highlands	7.51	85.84	5.38	1.27	
Jungle	8.39	84.59	6.11	0.91	
2016					
Geographic area					
Urban	11.09	72.47	14.51	1.93	<0.01
Rural	4.23	92.41	2.62	0.75	
Natural region					
Coast	11.01	71.19	15.89	1.91	<0.01
Highlands	7.48	85.27	5.98	1.27	
Jungle	5.87	87.13	5.87	1.13	

%: Relative frequency

Table 5. Impact of media use on the access to oral care and hygiene information among the Peruvian population in the period 2013-2016

YEAR	Access to information via mass media (Yes)	
	PR (CI95%)	PRa (CI95%)
2013	1.97 (1.90-2.03)	1.96 (1.89-2.02)
2014	1.85 (1.83-1.88)	1.85 (1.82-1.87)
2015	1.66 (1.64-1.67)	1.61 (1.60-1.63)
2016	1.67 (1.66-1.69)	1.62 (1.60-1.64)
2013-2016	1.71 (1.70-1.73)	1.69 (1.68-1.79)

PR: Prevalence ratio

a: Adjusted by geographic area and natural region