PUBLIC HEALTH WORKFORCE INTERESTS AND NEEDS SURVEY PH WINS

DIGITAL APPENDIX

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National Demographic Data

Variable	% of Respondents	95% Confidence Interval
Gender		
Male	21%	[19%-23%]
Female	78%	[77%-80%]
Non-Binary	1%	[.45%68%]
Race		
American Indian/Alaska Native	.4%	[.32%5%]
Asian	6%	[4%-7%]
Black or African American	15%	[14%-17%]
Hispanic or Latino	13%	[11%-15%]
Native Hawaiian or other Pacific Islander	.42%	[.31%57%]
White	59%	[55%-62%]
Two or More Races	6%	[6%-8%]
Position Type		
Administrative	40%	[37%-40%]
Clinical and Lab	24%	[22%-25%]
Public Health Science	33%	[30%-35%]
Social Services and All Other	2%	[5%-6%]
Tenure in Current Health Department		
0-5 Years	43%	[41%-44%]
6-10 Years	17%	[17%-18%]
11-15 Years	14%	[13%-15%]
16-20 Years	12%	[10%-14%]
21+ Years	14%	[13%-16%]
Tenure in Public Health		
0-5 Years	30%	[29%-32%]
6-10 Years	18%	[17%-19%]
11-15 Years	15%	[15%-16%]
16-20 Years	14%	[12%-16%]

21+ Years	22%	[20%-24%]
Age		
20 or below	.21%	[.15%3%]
21-25	2%	[2%-3%]
26-30	8%	[7%-9%]
31-35	10%	[9%-10%]
36-40	13%	[11%-15%]
41-45	11%	[10%-12%]
46-50	13%	[13%-14%]
51-55	15%	[14%-16%]
56-60	15%	[14%-16%]
61-65	10%	[9%-10%]
66-70	2%	[2%-3%]
71-75	.58%	[.44%77%]
76 or above	.2%	[.13%3%]
Highest Degree Attained		
No College Degree	18%	[17%-20%]
Associates	15%	[13%-16%]
Bachelors	37%	[35%-40%]
Masters	25%	[24%-26%]
Doctoral	5%	[4%-5%]
Public Health Degree		
Yes	14%	[13%-15%]
No	86%	[85%-87%]
Annualized Salary		
Less than \$25,000	4%	[4%-5%]
\$25,000-\$34,999	16%	[14%-17%]
\$35,000-\$44,999	18%	[17%-20%]
\$45,000-\$54,999	18%	[18%-19%]
\$55,000-\$64,999	14%	[13%-14%]
\$65,000-\$74,999	10%	[9%-11%]
\$75,000-\$84,999	7%	[6%-8%]
\$85,000-\$94,999	5%	[4%-5%]
\$95,000-\$104,999	4%	[3%-6%]
\$105,000-\$114,999	2%	[1%-2%]
\$115,000-\$124,999	1%	[.71%-1%]
\$125,000-\$134,999	.55%	[.41%74%]
\$135,000-\$144,999	.5%	[.28%9%]
\$145,000 or more	.84%	[.72%-1%]

	SHA		BCHC		LHD	
Race	%	95% CI	%	95% CI	%	95% CI
American Indian or	.39%	[.28%- .54%]	.28%	[.14%-	.4%	[.3%57%]
Alaska Native		.34%]		.57%]		
Asian	7%	[6%-7%]	13%	[8%-20%]	5%	[3%-8%]

Black or African	14%	[13%-14%]	23%	[17%-29%]	16%	[14%-18%]
American						
Hispanic or Latino	9%	[8%-9%]	25%	[20%-31%]	15%	[12%-18%]
Native Hawaiian or other	.56%	[.41%-	.74%	[.46%-1%]	.36%	[.23%-
Pacific Islander		.76%]				.57%]
White	64%	[63%-65%]	32%	[23%-43%]	56%	[51%-62%]
Two or More Races	6%	[6%-6%]	7%	[6%-7%]	7%	[5%-8%]

Workforce Satisfaction

National Satisfaction Data

Variable	% of respondents	95% CI
Job Satisfaction		
Very dissatisfied	3%	[3%-3%]
Somewhat dissatisfied	8%	[7%-9%]
Neither dissatisfied nor satisfied	7%	[6%-8%]
Somewhat satisfied	36%	[35%-37%]
Very satisfied	45%	[44%-46%]
Organization Satisfaction		
Very dissatisfied	6%	[5%-6%]
Somewhat dissatisfied	12%	[11%-13%]
Neither dissatisfied nor satisfied	12%	[11%-13%]
Somewhat satisfied	38%	[37%-40%]
Very satisfied	32%	[31%-33%]
Pay Satisfaction		
Very dissatisfied	16%	[14%-17%]
Somewhat dissatisfied	22%	[21%-24%]
Neither dissatisfied nor satisfied	14%	[12%-16%]
Somewhat satisfied	34%	[33%-36%]
Very satisfied	14%	[13%-16%]

	SHA	E	BCHC		LHD
%	95% CI	%	95% CI	%	95% CI
4%	[3%-4%]	3%	[3%-4%]	3%	[2%-3%]
10%	[9%-10%]	8%	[7%-10%]	7%	[6%-8%]
7%	[7%-8%]	7%	[6%-8%]	7%	[6%-9%]
37%	[37%-	38%	[36%-	36%	[35%-
	38%]		39%]		37%]
42%	[41%-	44%	[42%-	47%	[45%-
	43%]		46%]		48%]
	4% 10% 7% 37%	% 95% Cl 4% [3%-4%] 10% [9%-10%] 7% [7%-8%] 37% [37%- 38%] 42% [41%-	% 95% Cl % 4% [3%-4%] 3% 10% [9%-10%] 8% 7% [7%-8%] 7% 37% [37%- 38% 42% [41%- 44%	% 95% Cl % 95% Cl 4% [3%-4%] 3% [3%-4%] 10% [9%-10%] 8% [7%-10%] 7% [7%-8%] 7% [6%-8%] 37% [37%- 38% [36%- 38%] 39%] 39%] 42% [41%- 44% [42%-	% 95% Cl % 95% Cl % 4% [3%-4%] 3% [3%-4%] 3% 10% [9%-10%] 8% [7%-10%] 7% 7% [7%-8%] 7% [6%-8%] 7% 37% [37%- 38% [36%- 36% 42% [41%- 44% [42%- 47%

Organization Satisfaction						
Very dissatisfied	7%	[6%-7%]	6%	[5%-8%]	5%	[5%-6%]
Somewhat dissatisfied	13%	[13%-	12%	[10%-	11%	[10%-
		13%]		14%]		13%]
Neither dissatisfied nor satisfied	12%	[11%-	11%	[10%-	12%	[11%-
		12%]		13%]		13%]
Somewhat satisfied	39%	[38%-	40%	[37%-	38%	[36%-
		40%]		42%]		40%]
Very satisfied	29%	[28%-	31%	[29%-	33%	[32%-
		30%]		35%]		34%]
Pay Satisfaction						
Very dissatisfied	16%	[15%-	11%	[8%-14%]	16%	[14%-
		16%]				18%]
Somewhat dissatisfied	23%	[23%-	18%	[15%-	22%	[20%-
		24%]		22%]		24%]
Neither dissatisfied nor satisfied	13%	[12%-	12%	[11%-	14%	[11%-
		13%]		13%]		17%]
Somewhat satisfied	34%	[33%-	40%	[37%-	35%	[33%-
		35%]		43%]		37%]
Very satisfied	14%	[14%-	20%	[17%-	14%	[12%-
		15%]		23%]		16%]

Engagement Item	Estimate	95% CI
I am determined to give my best effort at work every day	95%	[94%-95%]
The work I do is important	95%	[94%-95%]
I know how my work relates to the agency's goals and priorities	89%	[88%-90%]

Engagement Item	Estimate	95%CI
Creativity and innovation are rewarded	44%	[42%-45%]
Communication between senior leadership and employees is good in my organization	49%	[47%-51%]
Employees have sufficient training to fully utilize technology needed for their work	57%	[54%-58%]

Intent to Leave

National Data

	% of respondents	95% CI
Intent to Leave	respondents	
Not planning to leave or retire	71%	[70%- 73%]
Leaving for another job not in public health	6%	[5%-6%]
Leaving for another job in public health	7%	[6%-8%]
Planning to retire	5%	[5%-6%]
Yes - other	11%	[10%- 11%]
If you are considering leaving, how long have you bee	en considering it?	
Less than 3 months	20%	[18%- 21%]
3-6 months	24%	[23%- 25%]
More than 6 months	57%	[55%- 58%]
Top Reasons for Leaving	% of respondents	95% CI
Рау	46%	[44%- 49%]
Lack of Opportunities for Advancement	40%	[39%- 42%]
Workplace Environment	31%	[30%- 33%]
Job Satisfaction	26%	[25%- 27%]
Lack of Support	26%	[24%- 27%]
Work Overload/Burnout	24%	[23%- 24%]
Lack of acknowledgement	24%	[22%- 26%]
Stress	23%	[22%- 24%]
Satisfaction w/ Supervisor	19%	[18%- 20%]
Other	18%	[17%- 20%]
Other Opportunities Outside Agency	17%	[16%- 18%]
Leadership Changeover	14%	[13%- 16%]
Lack of Training	12%	[11%-
Lack of Flexibility	13%	[12%- 14%]

Weakening of Benefits	11%	[10%- 13%]
Retirement	3%	[2%-3%]
Intent to Retire by 2023		
Yes	22%	[21%-
		23%]
No	78%	[77%-
		79%]

Frame-specific data for comparisons

Variable		SHA	F	ЗСНС		LHD
	%	95% CI	%	95% CI	%	95% CI
Intent to Leave						
Not planning to leave or retire	66%	[65%- 67%]	70%	[68%- 72%]	74%	[71%- 76%]
Leaving for another job not in public health	8%	[7%-8%]	6%	[4%-8%]	5%	[4%-6%]
Leaving for another job in public health	9%	[8%-10%]	9%	[6%-13%]	6%	[5%-7%]
Planning to retire	5%	[5%-6%]	4%	[4%-5%]	5%	[5%-7%]
Yes - other	12%	[11%- 13%]	11%	[9%-12%]	10%	[9%-11%]
If you are considering leaving, how	long ha	ve vou been	conside	erina it?		
Less than 3 months	20%	[18%- 21%]	21%	[18%- 23%]	20%	[18%- 22%]
3-6 months	23%	[22%- 25%]	23%	[21%- 25%]	24%	[22%- 26%]
More than 6 months	57%	[56%- 58%]	56%	[53%- 59%]	57%	[54%- 59%]
Intent to Retire by 2023						
Yes	23%	[22%- 24%]	20%	[19%- 21%]	22%	[21%- 23%]
No	77%	[76%- 78%]	80%	[79%- 81%]	78%	[77%- 79%]

Emerging Concepts in Public Health

National Awareness of and Perceived Impact of Emerging Concepts in Public Health

	%	95% CI
Fostering a culture of quality improvement		
Awareness	67%	[65%-68%]
Impact	69%	[68%-70%]
Evidence-Based Public Health Practice		

Awareness	62%	[60%-64%]
Impact	64%	[63%-65%]
Public health and primary care integration		
Awareness	55%	[53%-58%]
Impact	53%	[52%-55%]
Cross-jurisdictional sharing of public health services		
Awareness	48%	[46%-50%]
Impact	53%	[52%-54%]
Multi-Sectoral Collaboration		
Awareness	43%	[41%-46%]
Impact	59%	[57%-60%]
Health in All Policies		
Awareness	35%	[33%-37%]
Impact	51%	[47%-55%]

Frame-specific variations

· · · · ·	SHA		BCHC		LHD	
	%	95% CI	%	95% CI	%	95% CI
Fostering a culture of quality improvement						
Awareness	68%	[67%- 69%]	70%	[62%- 77%]	66%	[64%- 68%]
Impact	68%	[67%- 69%]	72%	[69%- 75%]	70%	[68%- 71%]
Evidence-Based Public Health Practice						
Awareness	62%	[61%- 63%]	69%	[65%- 73%]	62%	[59%- 65%]
Impact	60%	[60%- 61%]	68%	[66%- 70%]	65%	[64%- 67%]
Public health and primary care integration						
Awareness	53%	[53%- 54%]	62%	[59%- 65%]	56%	[53%- 59%]
Impact	46%	[44%- 48%]	57%	[54%- 60%]	56%	[54%- 58%]
Cross-jurisdictional sharing of public health services						
Awareness	46%	[45%- 47%]	54%	[50%- 59%]	49%	[46%- 52%]

Impact	49%	[48%-	57%	[54%-	55%	[53%-
		50%]		60%]		56%]
Multi-Sectoral Collaboration						
Awareness	44%	[43%- 45%]	53%	[49%- 57%]	43%	[39%- 47%]
Impact	57%	[56%- 58%]	64%	[61%- 67%]	59%	[57%- 61%]
Health in All Policies						
Awareness	33%	[32%- 33%]	43%	[38%- 47%]	36%	[33%- 39%]
Impact	43%	[42%- 44%]	55%	[52%- 58%]	54%	[48%- 59%]

IX. Social Determinants of Health

National To what extent do you believe your agency should be involved in affecting:	%	95% CI
Health equity in your jurisdiction	85%	[84%-86%]
The quality of social support systems in your jurisdiction	75%	[74%-77%]
The K-12 system in your jurisdiction	63%	[62%-64%]
The quality of housing in your jurisdiction	59%	[57%-60%]
The economy in your jurisdiction	56%	[55%-58%]
The built environment in your jurisdiction	55%	[53%-57%]
The quality of transportation in your jurisdiction	53%	[52%-55%]

Frame-specific variations

· · · · · · · · · · · · · · · · · · ·	SHA		BCHC		LHD	
To what extent do you believe your agency should be involved in affecting:	%	95% CI	%	95% Cl	%	95% CI
The K-12 system in your jurisdiction	55%	[54%- 56%]	66%	[62%- 70%]	67%	[65%- 68%]
The economy in your jurisdiction	49%	[49%- 50%]	64%	[60%- 68%]	60%	[58%- 62%]
The built environment in your jurisdiction	49%	[48%- 50%]	62%	[56%- 67%]	58%	[55%- 60%]
The quality of housing in your jurisdiction	52%	[51%- 53%]	71%	[67%- 75%]	62%	[60%- 64%]
The quality of transportation in your jurisdiction	46%	[45%- 47%]	62%	[56%- 67%]	57%	[54%- 59%]
The quality of social support systems in your jurisdiction	70%	[70%- 71%]	81%	[75%- 85%]	78%	[76%- 79%]
Health equity in your jurisdiction	83%	[82%- 83%]	88%	[84%- 91%]	86%	[85%- 88%]