



Chartbook of State Public Health
Volume One



Preface

The Association of State and Territorial Health Officials (ASTHO) is pleased to publish this *Chartbook of State Public Health*, a statistical abstract of the data reported in the *ASTHO Profile of State Public Health*, Volume One, funded by the Robert Wood Johnson Foundation and the Centers for Disease Control and Prevention. ASTHO's mission is to transform public health within states and territories to help members dramatically improve health and wellness. As part of that mission, ASTHO takes a leadership role in improving data on state public health systems and services.

The *Chartbook* is a reference book that contains numeric and tabular data derived from ASTHO's State Public Health Survey conducted in 2007. The survey was the first comprehensive state public health survey and sets a baseline for a longitudinal series about state health agency responsibilities, organization and structure, planning and quality improvement activities, and workforce that provides core data for ongoing public health systems research and a source for tracking state public health performance and best practices.

The *Chartbook of State Public Health* is designed to serve as a convenient volume for statistical reference and as a resource for state and local health departments, policymakers, federal agencies, governing bodies, researchers and others to better understand our nation's state public health infrastructure.

The *Chartbook* is organized into four major sections, which correspond to the four chapters of the *Profile of State Public Health*, including Public Health Responsibilities, Organization and Structure, State Health Planning and Quality Improvement, and State Health Agency Workforce. The tables in the *Chartbook* present data for each figure in the *Profile* and indicate the survey question and number from which the data was derived. The *Chartbook* also includes additional tables for data that were not reported in the *Profile of State Public Health*.

This publication is available on ASTHO's website at www.astho.org/research/data-and-analysis/. Requests for state public health agency survey data should be directed to Katherine Barbacci at surveyresearch@astho.org. Please review ASTHO's data use agreement also on our website.

This document was researched and prepared for the Association of State and Territorial Health Officials by Katherine Barbacci, MPA and Katie Sellers, DrPH with Jim Pearsol, MEd and Paul Jarris, MD, MBA.

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Chapter One

Public Health Responsibilities

Table 1.1 - Question 32: Rank the top five priorities for your agency for the current fiscal year. Use only the numbers 1 through 5, with 1 as the highest priority. (N = 49)

	Ranked as most important		Ranked in top five	
	n	%	n	%
Assuring preparedness for a health emergency	8	16.3%	39	79.6%
Monitoring the health of the state's population	2	4.1%	24	49.0%
Developing effective health policy	6	12.2%	25	51.0%
Assuring a local public health presence throughout the state	9	18.4%	23	46.9%
Focusing on early detection or population protection measures	6	12.2%	21	42.9%
Health system reform	9	18.4%	17	34.7%
Implementing quality improvement/performance management	3	6.1%	19	38.8%
Attaining workforce stability	1	2.0%	18	36.7%
Developing innovations in any area - e.g., providing services, policy, performance improvement	3	6.1%	13	26.5%
Using evidence-based program planning	0	0.0%	15	30.6%
Other	4	8.2%	12	24.5%
Using data guided planning	0	0.0%	12	24.5%
Maintaining the integrity of the vital statistics reporting systems	0	0.0%	4	8.2%

Table 1.2* - Question 38: What would you say are the state public health agency's top three activities? (N = 44)

	n	%
Disease prevention	20	45.5%
Preparedness	15	34.1%
Epidemiology, data, surveillance and monitoring	14	31.8%
Wellness, health promotion, health communication	12	27.3%
Improving performance	11	25.0%
Specific prevention programs	11	25.0%
Regulation	9	20.5%
Health insurance and health care	8	18.2%
Planning and policy	7	15.9%
Addressing health disparities	5	11.4%
Environmental health	3	6.8%
Other	7	15.9%

*Percentages reported in the table above are inconsistent with those reported in Figure 1.2 of the ASTHO Profile of State Public Health. Figure 1.2 used the total number of respondents to the survey (51) as the denominator, while this table correctly uses the total number of respondents to this particular question (44) as the denominator.

Table 1.3 - Question 20: Who has responsibility (fiscal and programmatic) for specific federal initiatives?
Select all that apply. (N = 51)

	SPHA Only		Shared responsibility with another state agency		Shared responsibility with LPHA		LPHA responsibility		
	n	%	n	%	n	%	n	%	
Preventive Health and Health Services Block Grant (CDC)	46	90.2%	1	2.0%	5	9.8%	1	2.0%	
CDC Preparedness Grants	32	62.7%	6	11.8%	14	27.5%	0	0.0%	
Healthy People	27	52.9%	7	13.7%	20	39.2%	1	2.0%	
Women Infants and Children Program (USDA)	38	74.5%	0	0.0%	12	23.5%	2	3.9%	
HIV Pharmacies (ADAP)	43	84.3%	2	3.9%	4	7.8%	0	0.0%	
Maternal and Child Health, Title V	37	72.5%	2	3.9%	9	17.6%	1	2.0%	
National Cancer Prevention and Control Program Grant (CDC)	42	82.4%	1	2.0%	3	5.9%	0	0.0%	
HRSA preparedness grants	34	66.7%	4	7.8%	5	9.8%	0	0.0%	
Health Professionals Shortage Area Designations (HPSA)	41	80.4%	3	5.9%	1	2.0%	0	0.0%	
Family Planning Services, Title X	29	56.9%	4	7.8%	11	21.6%	0	0.0%	
Rural health (HRSA)	25	49.0%	7	13.7%	2	3.9%	0	0.0%	
HIV Title IV	30	58.8%	0	0.0%	8	15.7%	1	2.0%	
Primary Care Organizations (PCOs)	15	29.4%	7	13.7%	5	9.8%	1	2.0%	
Substance Abuse Prevention and Treatment Block Grant (SAPT: Substance Abuse and Mental Health Services Administration)	11	21.6%	6	11.8%	0	0.0%	0	0.0%	
Substance abuse and mental health XIX	7	13.7%	9	17.6%	0	0.0%	0	0.0%	
State Child Health Insurance Program (SCHIP: Centers for Medicare and Medicaid Services)	8	15.7%	6	11.8%	0	0.0%	0	0.0%	
Mental Health Title XX	7	13.7%	3	5.9%	0	0.0%	0	0.0%	
Mental Health Block Grant (MHBG: Center for Mental Health Services)	8	15.7%	2	3.9%	1	2.0%	0	0.0%	
Medicaid	7	13.7%	3	5.9%	0	0.0%	0	0.0%	
Temporary Assistance to Needy Families (TANF: Administration for Children and Families)	3	5.9%	5	9.8%	0	0.0%	1	2.0%	
Other	3	5.9%	0	0.0%	1	2.0%	1	2.0%	

	Shared responsibility with a local governmental agency (not public health)		Shared responsibility with non-profit agency		Other state agency — SPHA not responsible		Non-profit responsibility		SPHA Only or Shared	
	n	%	n	%	n	%	n	%	n	%
	1	2.0%	1	2.0%	0	0.0%	0	0.0%	51	100.0%
	3	5.9%	5	9.8%	0	0.0%	0	0.0%	50	98.0%
	2	3.9%	8	15.7%	1	2.0%	2	3.9%	49	96.1%
	0	0.0%	5	9.8%	2	3.9%	0	0.0%	49	96.1%
	0	0.0%	1	2.0%	2	3.9%	0	0.0%	49	96.1%
	1	2.0%	6	11.8%	0	0.0%	0	0.0%	49	96.1%
	1	2.0%	4	7.8%	2	3.9%	0	0.0%	48	94.1%
	2	3.9%	13	25.5%	0	0.0%	0	0.0%	48	94.1%
	0	0.0%	2	3.9%	4	7.8%	1	2.0%	46	90.2%
	1	2.0%	7	13.7%	2	3.9%	5	9.8%	44	86.3%
	0	0.0%	9	17.6%	7	13.7%	2	3.9%	38	74.5%
	0	0.0%	3	5.9%	3	5.9%	11	21.6%	37	72.5%
	1	2.0%	15	29.4%	3	5.9%	8	15.7%	36	70.6%
	0	0.0%	1	2.0%	30	58.8%	0	0.0%	18	35.3%
	0	0.0%	0	0.0%	33	64.7%	1	2.0%	15	29.4%
	0	0.0%	0	0.0%	34	66.7%	0	0.0%	14	27.5%
	0	0.0%	1	2.0%	36	70.6%	1	2.0%	11	21.6%
	1	2.0%	0	0.0%	38	74.5%	0	0.0%	10	19.6%
	0	0.0%	0	0.0%	38	74.5%	0	0.0%	10	19.6%
	0	0.0%	0	0.0%	41	80.4%	1	2.0%	7	13.7%
	1	2.0%	1	2.0%	0	0.0%	0	0.0%	4	7.8%

Table 1.4 - Question 65: Does your SPHA provide technical assistance to any of the following entities in any of these categories? Select all that apply. (N =51)

	Quality Improvement/Performance Management /Standards/Accreditation		Data Management		
	n	%	n	%	
Hospitals	36	70.6%	33	64.7%	
Laboratories	40	78.4%	26	51.0%	
Emergency responders	38	74.5%	36	70.6%	
Local public health agencies	40	78.4%	41	80.4%	
State-wide non-profit/community-based organizations	30	58.8%	30	58.8%	
Other	4	7.8%	2	3.9%	

Table 1.5 - Question 1: Immunizations—vaccine order management and inventory distribution. Select all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Adult Immunizations	41	80.4%	10	19.6%	7	13.7%	30	58.8%	
Childhood Immunizations	46	90.2%	13	25.5%	4	7.8%	27	52.9%	
International Travel Immunizations	10	19.6%	2	3.9%	1	2.0%	29	56.9%	

Public Health Law		Policy Development		Workforce Issues		TA on any topic	
n	%	n	%	n	%	n	%
29	56.9%	33	64.7%	23	45.1%	47	92.2%
34	66.7%	25	49.0%	16	31.4%	45	88.2%
37	72.5%	40	78.4%	35	68.6%	44	86.3%
39	76.5%	40	78.4%	37	72.5%	43	84.3%
24	47.1%	30	58.8%	20	39.2%	39	76.5%
4	7.8%	7	13.7%	3	5.9%	7	13.7%

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
5	9.8%	31	60.8%	18	35.3%	1	2.0%	42	82.4%
4	7.8%	28	54.9%	15	29.4%	0	0.0%	49	96.1%
2	3.9%	33	64.7%	9	17.6%	2	3.9%	11	21.6%



Table 1.6 - Question 11: Population-based primary prevention services. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
HIV	39	76.5%	41	80.4%	17	33.3%	38	74.5%	
Tobacco control and prevention	47	92.2%	43	84.3%	23	45.1%	39	76.5%	
Sexually transmitted disease counseling and partner notification	41	80.4%	31	60.8%	7	13.7%	38	74.5%	
Obesity	44	86.3%	41	80.4%	16	31.4%	33	64.7%	
Injury control and prevention	42	82.4%	30	58.8%	21	41.2%	33	64.7%	
Diabetes	37	72.5%	35	68.6%	7	13.7%	29	56.9%	
Unintended pregnancy	28	54.9%	36	70.6%	8	15.7%	33	64.7%	
Violence prevention	34	66.7%	33	64.7%	25	49.0%	20	39.2%	
Abstinence only education	16	31.4%	34	66.7%	11	21.6%	18	35.3%	
Suicide	31	60.8%	21	41.2%	29	56.9%	14	27.5%	
Hypertension	30	58.8%	23	45.1%	4	7.8%	26	51.0%	
Sex education	15	29.4%	26	51.0%	14	27.5%	26	51.0%	
Substance abuse	22	43.1%	22	43.1%	32	62.7%	18	35.3%	
Skin cancer	20	39.2%	12	23.5%	5	9.8%	15	29.4%	
Mental illness	13	25.5%	15	29.4%	33	64.7%	11	21.6%	

Table 1.7 - Question 3: Screening for diseases/conditions. Select all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
HIV/AIDS	26	51.0%	42	82.4%	17	33.3%	40	78.4%	
Breast and cervical cancer	14	27.5%	40	78.4%	7	13.7%	32	62.7%	
Other STDs	33	64.7%	21	41.2%	4	7.8%	9	17.6%	
Newborn screening	27	52.9%	36	70.6%	17	33.3%	39	76.5%	
Tuberculosis	26	51.0%	25	49.0%	13	25.5%	38	74.5%	
Blood lead	22	43.1%	19	47.3%	7	13.7%	33	64.7%	
Diabetes	11	21.6%	25	49.0%	6	11.8%	27	52.9%	
High blood pressure	13	25.5%	22	43.1%	8	15.7%	28	54.9%	
Colon/rectum cancer	5	9.8%	18	35.3%	7	13.7%	13	25.5%	
Other cancers	8	15.7%	16	31.4%	9	17.6%	16	31.4%	
Coronary heart disease	4	7.8%	14	27.5%	5	9.8%	17	33.3%	
Asthma	3	5.9%	11	21.6%	4	7.8%	17	33.3%	
Other public health screening	3	5.9%	9	17.6%	2	3.9%	8	15.7%	

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
9	17.6%	33	64.7%	10	19.6%	0	0.0%	49	96.1%
15	29.4%	38	74.5%	6	11.8%	0	0.0%	49	96.1%
6	11.8%	26	51.0%	7	13.7%	0	0.0%	48	94.1%
13	25.5%	35	68.6%	7	13.7%	0	0.0%	47	92.2%
13	25.5%	30	58.8%	11	21.6%	0	0.0%	46	90.2%
6	11.8%	26	51.0%	9	17.6%	0	0.0%	44	86.3%
7	13.7%	38	74.5%	3	5.9%	1	2.0%	42	82.4%
20	39.2%	35	68.6%	11	21.6%	0	0.0%	42	82.4%
7	13.7%	34	66.7%	2	3.9%	2	3.9%	36	70.6%
14	27.5%	37	72.5%	7	13.7%	0	0.0%	36	70.6%
4	7.8%	27	52.9%	6	11.8%	0	0.0%	35	68.6%
23	45.1%	35	68.6%	4	7.8%	0	0.0%	28	54.9%
18	35.3%	35	68.6%	6	11.8%	0	0.0%	27	52.9%
5	9.8%	30	58.8%	5	9.8%	3	5.9%	25	49.0%
11	21.6%	25	49.0%	5	9.8%	0	0.0%	21	41.2%

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
9	17.6%	44	86.3%	10	19.6%	0	0.0%	48	94.1%
3	5.9%	41	80.4%	9	17.6%	0	0.0%	45	88.2%
2	3.9%	32	62.7%	3	5.9%	0	0.0%	44	86.3%
9	17.6%	42	82.4%	13	25.5%	0	0.0%	44	86.3%
11	21.6%	35	68.6%	11	21.6%	0	0.0%	42	82.4%
8	15.7%	39	76.5%	3	5.9%	1	2.0%	34	66.7%
3	5.9%	42	82.4%	11	21.6%	0	0.0%	29	56.9%
3	5.9%	40	78.4%	11	21.6%	0	0.0%	29	56.9%
1	2.0%	40	78.4%	8	15.7%	2	3.9%	22	43.1%
0	0.0%	41	80.4%	8	15.7%	3	5.9%	20	39.2%
0	0.0%	37	72.5%	12	23.5%	1	2.0%	17	33.3%
1	2.0%	37	72.5%	7	13.7%	2	3.9%	13	25.5%
0	0.0%	11	21.6%	3	5.9%	3	5.9%	10	19.6%

Table 1.8 - Question 4: State laboratory services. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Likely bioterrorism agents testing (e.g. anthrax)	46	90.2%	8	15.7%	8	15.7%	7	13.7%	
Newborn screening	37	72.5%	18	35.3%	5	9.8%	1	2.0%	
Food borne illness testing	45	88.2%	10	19.6%	11	21.6%	11	21.6%	
Influenza typing	44	86.3%	5	9.8%	8	15.7%	4	7.8%	
Blood lead screening	33	64.7%	12	23.5%	5	9.8%	13	25.5%	
Other environmental toxins screening	36	70.6%	11	21.6%	15	29.4%	5	9.8%	
Cholesterol screening	11	21.6%	6	11.8%	7	13.7%	16	31.4%	
Other screening (specify)	10	19.6%	1	2.0%	2	3.9%	2	3.9%	

Table 1.9 - Question 16: We are interested in what information is available in electronic databases at your SPHA. Can you exchange data electronically with national agencies or your state’s local public health agencies (or other relevant state agency)? Check all that apply for each program area listed below. (N = 51)

	Send Information		Receive Information	
	n	%	n	%
Reportable diseases	48	94.1%	49	96.1%
Laboratory reporting	46	90.2%	43	84.3%
Vital records	47	92.2%	44	86.3%
Childhood immunization	42	82.4%	44	86.3%
WIC	46	90.2%	46	90.2%
Maternal child health reporting	39	76.5%	40	78.4%
Outbreak management	39	76.5%	38	74.5%
Geographic coded data for mapping analysis	38	74.5%	37	72.5%
Medicaid billing	33	64.7%	34	66.7%
Restaurant inspections	24	47.1%	21	41.2%
Water wells (licensing and/or testing)	21	41.2%	19	37.3%
Electronic health record (personal health services)	12	23.5%	11	21.6%
Nuisance complaints	12	23.5%	16	31.4%
On-site waste water treatment systems	9	17.6%	9	17.6%

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
0	0.0%	6	11.8%	19	37.3%	0	0.0%	49	96.1%
0	0.0%	17	33.3%	1	2.0%	0	0.0%	48	94.1%
2	3.9%	13	25.5%	15	29.4%	0	0.0%	47	92.2%
0	0.0%	16	31.4%	17	33.3%	0	0.0%	45	88.2%
1	2.0%	31	60.8%	2	3.9%	0	0.0%	38	74.5%
0	0.0%	19	37.3%	15	29.4%	2	3.9%	38	74.5%
3	5.9%	36	70.6%	5	9.8%	0	0.0%	15	29.4%
1	2.0%	5	9.8%	2	3.9%	3	5.9%	11	21.6%



emergency medicine
 clinical health services
 minority health
 veterinarian services
 health planning
 eldercare

Table 1.10 - Question 18: Preparedness response. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency.		Performed by local public health agency	
	n	%	n	%	n	%	n	%
Communicable disease outbreak response	51	100.0%	18	35.3%	15	29.4%	43	84.3%
Bioterrorism event response	50	98.0%	27	52.9%	44	86.3%	41	80.4%
Chemical disaster response	43	84.3%	21	41.2%	49	96.1%	37	72.5%
Natural disaster response	45	88.2%	19	37.3%	50	98.0%	36	70.6%
Nuclear disaster response	45	88.2%	13	25.5%	48	94.1%	33	64.7%
Explosion response	32	62.7%	14	27.5%	47	92.2%	25	49.0%

Table 1.11 - Question 63a: For each of the public health operations or services listed below, choose the response that BEST describes the extent to which your SPHA's infrastructure and programs have changed over the past three years because of efforts nationwide to improve emergency preparedness. (N = 51)

	Significantly Weaker		Slightly Weaker	
	n	%	n	%
Communication systems	0	0.0%	0	0.0%
Epidemiology	0	0.0%	1	2.0%
Preparedness planning	0	0.0%	0	0.0%
Public health surveillance	0	0.0%	1	2.0%
Information systems	0	0.0%	0	0.0%
Relationships with other local, state or federal agencies	0	0.0%	0	0.0%
Surge capacity	1	2.0%	1	2.0%
Workforce training	0	0.0%	0	0.0%
Access to laboratory services	1	2.0%	1	2.0%
Legal basis for Public Health actions	0	0.0%	0	0.0%
Immunization	0	0.0%	1	2.0%
Other environmental health activities	0	0.0%	1	2.0%
Screening for diseases & conditions	0	0.0%	0	0.0%
Treatment for communicable diseases	0	0.0%	0	0.0%
Other health services	0	0.0%	1	2.0%
Regulation, inspection and licensing	0	0.0%	0	0.0%
Population-based primary prevention	0	0.0%	1	2.0%
Maternal and child health	0	0.0%	1	2.0%

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
12	23.5%	22	43.1%	26	51.0%	0	0.0%	51	100.0%
42	82.4%	28	54.9%	35	68.6%	0	0.0%	50	98.0%
40	78.4%	25	49.0%	30	58.8%	0	0.0%	45	88.2%
42	82.4%	31	60.8%	33	64.7%	0	0.0%	45	88.2%
40	78.4%	26	51.0%	38	74.5%	0	0.0%	45	88.2%
44	86.3%	22	43.1%	24	47.1%	0	0.0%	33	64.7%

No Change		Slightly Stronger		Significantly Stronger		Any Stronger	
n	%	n	%	n	%	n	%
1	2.0%	6	11.8%	42	82.4%	48	94.1%
1	2.0%	21	41.2%	27	52.9%	48	94.1%
2	3.9%	4	7.8%	44	86.3%	48	94.1%
1	2.0%	20	39.2%	28	54.9%	48	94.1%
3	5.9%	22	43.1%	25	49.0%	47	92.2%
3	5.9%	12	23.5%	35	68.6%	47	92.2%
1	2.0%	27	52.9%	20	39.2%	47	92.2%
4	7.8%	22	43.1%	24	47.1%	46	90.2%
4	7.8%	8	15.7%	36	70.6%	44	86.3%
7	13.7%	24	47.1%	19	37.3%	43	84.3%
11	21.6%	28	54.9%	10	19.6%	38	74.5%
13	25.5%	28	54.9%	6	11.8%	34	66.7%
15	29.4%	25	49.0%	9	17.6%	34	66.7%
18	35.3%	23	45.1%	8	15.7%	31	60.8%
21	41.2%	22	43.1%	5	9.8%	27	52.9%
25	49.0%	22	43.1%	2	3.9%	24	47.1%
28	54.9%	17	33.3%	2	3.9%	19	37.3%
33	64.7%	16	31.4%	0	0.0%	16	31.4%





Table 1.12 - Question 17: Access to health care. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Health disparities and/or minority health initiatives	47	92.2%	26	51.0%	21	41.2%	32	62.7%	
Rural health	33	64.7%	17	33.3%	17	33.3%	22	43.1%	
Emergency medical services	20	39.2%	17	33.3%	15	29.4%	12	23.5%	
Outreach and enrollment for medical insurance	23	45.1%	14	27.5%	43	84.3%	24	47.1%	
Faith-based health programs	13	25.5%	20	39.2%	15	29.4%	10	19.6%	
Institutional certifying authority for federal reimbursement	23	45.1%	0	0.0%	31	60.8%	0	0.0%	
State children's health insurance program (SCHIP)	15	29.4%	5	9.8%	39	76.5%	8	15.7%	
Tribal health	13	25.5%	9	17.6%	9	17.6%	9	17.6%	
State provided health insurance (not supported by federal funds)	5	9.8%	3	5.9%	25	49.0%	1	2.0%	
Health insurance regulation	6	11.8%	0	0.0%	47	92.2%	0	0.0%	

Table 1.13 - Question 5: Registry maintenance. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Childhood immunization	48	94.1%	11	21.6%	3	5.9%	15	29.4%	
Cancer	37	72.5%	12	23.5%	4	7.8%	2	3.9%	
Birth defects	40	78.4%	8	15.7%	1	2.0%	1	2.0%	

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
16	31.4%	37	72.5%	14	27.5%	0	0.0%	48	94.1%
8	15.7%	30	58.8%	6	11.8%	1	2.0%	37	72.5%
30	58.8%	34	66.7%	5	9.8%	0	0.0%	29	56.9%
12	23.5%	27	52.9%	6	11.8%	0	0.0%	25	49.0%
9	17.6%	31	60.8%	4	7.8%	1	2.0%	24	47.1%
1	2.0%	5	9.8%	5	9.8%	0	0.0%	23	45.1%
3	5.9%	13	25.5%	3	5.9%	0	0.0%	17	33.3%
6	11.8%	20	39.2%	12	23.5%	8	15.7%	17	33.3%
1	2.0%	8	15.7%	0	0.0%	11	21.6%	7	13.7%
0	0.0%	1	2.0%	4	7.8%	0	0.0%	6	11.8%

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
1	2.0%	9	17.6%	4	7.8%	1	2.0%	50	98.0%
0	0.0%	9	17.6%	4	7.8%	1	2.0%	46	90.2%
0	0.0%	3	5.9%	3	5.9%	4	7.8%	44	86.3%

Table 1.14 - Question 7: Maternal and child health services. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Children with special health care needs	34	66.7%	38	74.5%	22	43.1%	26	51.0%	
WIC	25	49.0%	39	76.5%	5	9.8%	37	72.5%	
Family planning and prenatal care	16	31.4%	39	76.5%	9	17.6%	37	72.5%	
Early intervention services for children	21	41.2%	29	56.9%	33	64.7%	17	33.3%	
School health services (non-clinical)	16	31.4%	20	39.2%	21	41.2%	27	52.9%	
Non-WIC nutrition assessment and counseling	15	29.4%	16	31.4%	12	23.5%	29	56.9%	
Well child services	9	17.6%	20	39.2%	9	17.6%	36	70.6%	
EPSDT	13	25.5%	14	27.5%	18	35.3%	22	43.1%	
Comprehensive school health clinical services	9	17.6%	19	37.3%	14	27.5%	26	51.0%	
Primary care for children	3	5.9%	21	41.2%	10	19.6%	25	49.0%	
Child nutrition (daycare providers)	8	15.7%	16	31.4%	24	47.1%	14	27.5%	
Obstetrical care	2	3.9%	14	27.5%	11	21.6%	18	35.3%	

Table 1.15 - Question 10: Epidemiology and surveillance activities. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Communicable/infectious diseases	51	100.0%	12	23.5%	4	7.8%	36	70.6%	
Vital statistics	50	98.0%	5	9.8%	2	3.9%	16	31.4%	
Cancer incidence	45	88.2%	12	23.5%	4	7.8%	10	19.6%	
Perinatal events or risk factors	47	92.2%	11	21.6%	6	11.8%	15	29.4%	
Behavioral risk factors	43	84.3%	23	45.1%	11	21.6%	18	35.3%	
Chronic diseases	46	90.2%	16	31.4%	3	5.9%	17	33.3%	
Environmental health	45	88.2%	11	21.6%	26	51.0%	32	62.7%	
Injury	46	90.2%	13	25.5%	22	43.1%	16	31.4%	
Syndromic surveillance	41	80.4%	10	19.6%	1	2.0%	19	37.3%	

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
5	9.8%	31	60.8%	4	7.8%	0	0.0%	47	92.2%
9	17.6%	32	62.7%	5	9.8%	0	0.0%	45	88.2%
4	7.8%	41	80.4%	4	7.8%	0	0.0%	43	84.3%
15	29.4%	35	68.6%	2	3.9%	0	0.0%	35	68.6%
27	52.9%	26	51.0%	4	7.8%	0	0.0%	27	52.9%
5	9.8%	35	68.6%	2	3.9%	0	0.0%	24	47.1%
12	23.5%	40	78.4%	5	9.8%	0	0.0%	24	47.1%
4	7.8%	35	68.6%	4	7.8%	0	0.0%	23	45.1%
17	33.3%	23	45.1%	2	3.9%	2	3.9%	22	43.1%
7	13.7%	42	82.4%	7	13.7%	0	0.0%	21	41.2%
9	17.6%	20	39.2%	2	3.9%	1	2.0%	20	39.2%
4	7.8%	42	82.4%	6	11.8%	1	2.0%	14	27.5%

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
1	2.0%	16	31.4%	16	31.4%	0	0.0%	51	100.0%
4	7.8%	4	7.8%	7	13.7%	0	0.0%	50	98.0%
0	0.0%	13	25.5%	13	25.5%	0	0.0%	48	94.1%
2	3.9%	18	35.3%	9	17.6%	0	0.0%	48	94.1%
2	3.9%	11	21.6%	8	15.7%	0	0.0%	47	92.2%
1	2.0%	18	35.3%	11	21.6%	1	2.0%	47	92.2%
7	13.7%	11	21.6%	18	35.3%	0	0.0%	46	90.2%
5	9.8%	13	25.5%	16	31.4%	0	0.0%	46	90.2%
2	3.9%	11	21.6%	9	17.6%	2	3.9%	42	82.4%

Table 1.16 - Question 12: Regulation, inspection and/or licensing activities. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Food processing	37	72.5%	10	19.6%	15	29.4%	36	70.6%	
Jails/prisons	38	74.5%	2	3.9%	16	31.4%	3	5.9%	
Solid waste haulers	34	66.7%	8	15.7%	14	27.5%	32	62.7%	
Hospice	36	70.6%	1	2.0%	12	23.5%	0	0.0%	
Laboratories	32	62.7%	9	17.6%	11	21.6%	23	45.1%	
Food service establishments	33	64.7%	0	0.0%	14	27.5%	1	2.0%	
Local public health agencies	33	64.7%	2	3.9%	17	33.3%	3	5.9%	
Body piercing/tattooing	29	56.9%	4	7.8%	18	35.3%	28	54.9%	
Hospitals	25	49.0%	6	11.8%	18	35.3%	28	54.9%	
Shellfish	26	51.0%	7	13.7%	14	27.5%	31	60.8%	
Assisted living	28	54.9%	1	2.0%	23	45.1%	6	11.8%	
Tobacco retailers	28	54.9%	0	0.0%	17	33.3%	6	11.8%	
Lead inspection	22	43.1%	6	11.8%	1	2.0%	7	13.7%	
Private drinking water	26	51.0%	3	5.9%	29	56.9%	21	41.2%	
Campgrounds & RVs	25	49.0%	3	5.9%	11	21.6%	6	11.8%	
Beaches	21	41.2%	5	9.8%	22	43.1%	24	47.1%	
Public drinking water	23	45.1%	4	7.8%	41	80.4%	22	43.1%	
School/daycare	22	43.1%	3	5.9%	27	52.9%	29	56.9%	
Septic tank installation	22	43.1%	3	5.9%	21	41.2%	10	19.6%	
Swimming pools (public)	23	45.1%	2	3.9%	14	27.5%	13	25.5%	
Cosmetology businesses	21	41.2%	5	9.8%	32	62.7%	13	25.5%	
Occupational health	22	43.1%	3	5.9%	21	41.2%	24	47.1%	
Migrant housing	21	41.2%	1	2.0%	31	60.8%	7	13.7%	
Housing (inspections)	20	39.2%	1	2.0%	36	70.6%	12	23.5%	
Mobile homes	17	33.3%	5	9.8%	32	62.7%	4	7.8%	
Biomedical waste	17	33.3%	1	2.0%	32	62.7%	7	13.7%	
Long-term care facilities	15	29.4%	2	3.9%	20	39.2%	13	25.5%	
Milk processing	15	29.4%	1	2.0%	23	45.1%	14	27.5%	
Tanning salons	10	19.6%	5	9.8%	37	72.5%	7	13.7%	
Smoke-free ordinances	13	25.5%	1	2.0%	41	80.4%	14	27.5%	
Acupuncture	10	19.6%	0	0.0%	22	43.1%	1	2.0%	
Clinics	10	19.6%	1	2.0%	38	74.5%	4	7.8%	
Solid waste disposal sites	9	17.6%	0	0.0%	38	74.5%	8	15.7%	
Other health-related facilities	9	17.6%	1	2.0%	2	3.9%	2	3.9%	
Hotels/motels	7	13.7%	1	2.0%	26	51.0%	10	19.6%	

	Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
	n	%	n	%	n	%	n	%	n	%
	4	7.8%	0	0.0%	6	11.8%	0	0.0%	40	78.4%
	2	3.9%	10	19.6%	18	35.3%	1	2.0%	38	74.5%
	11	21.6%	2	3.9%	0	0.0%	2	3.9%	37	72.5%
	1	2.0%	8	15.7%	11	21.6%	0	0.0%	36	70.6%
	10	19.6%	13	25.5%	5	9.8%	3	5.9%	35	68.6%
	0	0.0%	2	3.9%	2	3.9%	0	0.0%	33	64.7%
	4	7.8%	1	2.0%	4	7.8%	1	2.0%	33	64.7%
	6	11.8%	1	2.0%	3	5.9%	0	0.0%	30	58.8%
	12	23.5%	1	2.0%	1	2.0%	2	3.9%	29	56.9%
	19	37.3%	1	2.0%	1	2.0%	0	0.0%	29	56.9%
	5	9.8%	8	15.7%	2	3.9%	0	0.0%	28	54.9%
	1	2.0%	2	3.9%	1	2.0%	2	3.9%	28	54.9%
	2	3.9%	1	2.0%	2	3.9%	9	17.6%	26	51.0%
	7	13.7%	3	5.9%	8	15.7%	1	2.0%	26	51.0%
	1	2.0%	3	5.9%	2	3.9%	5	9.8%	25	49.0%
	6	11.8%	6	11.8%	1	2.0%	5	9.8%	23	45.1%
	10	19.6%	2	3.9%	0	0.0%	0	0.0%	23	45.1%
	12	23.5%	3	5.9%	0	0.0%	0	0.0%	23	45.1%
	1	2.0%	1	2.0%	10	19.6%	5	9.8%	23	45.1%
	5	9.8%	2	3.9%	0	0.0%	7	13.7%	23	45.1%
	1	2.0%	1	2.0%	18	35.3%	0	0.0%	22	43.1%
	8	15.7%	4	7.8%	1	2.0%	2	3.9%	22	43.1%
	0	0.0%	0	0.0%	10	19.6%	1	2.0%	21	41.2%
	13	25.5%	2	3.9%	7	13.7%	2	3.9%	20	39.2%
	3	5.9%	4	7.8%	21	41.2%	1	2.0%	18	35.3%
	2	3.9%	4	7.8%	3	5.9%	0	0.0%	17	33.3%
	4	7.8%	2	3.9%	1	2.0%	6	11.8%	15	29.4%
	11	21.6%	0	0.0%	2	3.9%	4	7.8%	15	29.4%
	15	29.4%	1	2.0%	4	7.8%	0	0.0%	14	27.5%
	15	29.4%	2	3.9%	6	11.8%	0	0.0%	13	25.5%
	0	0.0%	5	9.8%	0	0.0%	5	9.8%	10	19.6%
	3	5.9%	1	2.0%	0	0.0%	0	0.0%	10	19.6%
	10	19.6%	1	2.0%	2	3.9%	0	0.0%	9	17.6%
	2	3.9%	0	0.0%	1	2.0%	4	7.8%	9	17.6%
	31	60.8%	3	5.9%	4	7.8%	0	0.0%	8	15.7%

Table 1.17 - Question 14: Other environmental health activities. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Food safety education	48	94.1%	7	13.7%	24	47.1%	38	74.5%	
Environmental epidemiology	44	86.3%	9	17.6%	16	31.4%	22	43.1%	
Toxicology	37	72.5%	12	23.5%	31	60.8%	7	13.7%	
Radiation control	34	66.7%	2	3.9%	24	47.1%	3	5.9%	
Radon control	31	60.8%	9	17.6%	18	35.3%	18	35.3%	
Poison control	6	11.8%	26	51.0%	15	29.4%	2	3.9%	
Vector control	25	49.0%	9	17.6%	17	33.3%	32	62.7%	
Indoor air quality regulations	27	52.9%	3	5.9%	25	49.0%	22	43.1%	
Mosquito control	23	45.1%	10	19.6%	17	33.3%	29	56.9%	
Private water supply safety	26	51.0%	2	3.9%	27	52.9%	28	54.9%	
Public water supply safety	25	49.0%	2	3.9%	32	62.7%	23	45.1%	
Groundwater protection	20	39.2%	1	2.0%	46	90.2%	16	31.4%	
Surface water protection	19	37.3%	2	3.9%	46	90.2%	12	23.5%	
Hazmat response	17	33.3%	3	5.9%	40	78.4%	16	31.4%	
Hazardous waste disposal	10	19.6%	3	5.9%	46	90.2%	10	19.6%	
Outdoor air quality regulations	8	15.7%	1	2.0%	42	82.4%	10	19.6%	
Land use planning	4	7.8%	1	2.0%	31	60.8%	8	15.7%	
Animal control	3	5.9%	1	2.0%	20	39.2%	17	33.3%	
Noise pollution control	2	3.9%	0	0.0%	18	35.3%	9	17.6%	
Other pollution prevention	2	3.9%	0	0.0%	6	11.8%	0	0.0%	
Coastal zone management	1	2.0%	0	0.0%	26	51.0%	3	5.9%	

Table 1.18 - Question 13: Professional licensing. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Nurses (any level)	13	25.5%	0	0.0%	40	78.4%	0	0.0%	
Physician	12	23.5%	0	0.0%	39	76.5%	0	0.0%	
Physician assistants	12	23.5%	0	0.0%	39	76.5%	0	0.0%	
Dentists	11	21.6%	0	0.0%	40	78.4%	0	0.0%	

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
8	15.7%	18	35.3%	15	29.4%	0	0.0%	48	94.1%
4	7.8%	8	15.7%	12	23.5%	1	2.0%	44	86.3%
0	0.0%	11	21.6%	11	21.6%	0	0.0%	39	76.5%
1	2.0%	3	5.9%	14	27.5%	0	0.0%	34	66.7%
4	7.8%	5	9.8%	3	5.9%	1	2.0%	32	62.7%
0	0.0%	27	52.9%	4	7.8%	0	0.0%	30	58.8%
27	52.9%	13	25.5%	4	7.8%	1	2.0%	28	54.9%
9	17.6%	2	3.9%	4	7.8%	1	2.0%	27	52.9%
34	66.7%	12	23.5%	4	7.8%	1	2.0%	27	52.9%
12	23.5%	3	5.9%	2	3.9%	0	0.0%	26	51.0%
10	19.6%	0	0.0%	3	5.9%	0	0.0%	25	49.0%
13	25.5%	3	5.9%	8	15.7%	0	0.0%	20	39.2%
11	21.6%	7	13.7%	9	17.6%	0	0.0%	19	37.3%
33	64.7%	11	21.6%	14	27.5%	0	0.0%	18	35.3%
15	29.4%	4	7.8%	11	21.6%	0	0.0%	10	19.6%
11	21.6%	3	5.9%	11	21.6%	0	0.0%	8	15.7%
36	70.6%	2	3.9%	2	3.9%	0	0.0%	4	7.8%
40	78.4%	11	21.6%	2	3.9%	0	0.0%	3	5.9%
30	58.8%	1	2.0%	2	3.9%	6	11.8%	2	3.9%
1	2.0%	1	2.0%	2	3.9%	5	9.8%	2	3.9%
7	13.7%	1	2.0%	6	11.8%	15	29.4%	1	2.0%

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
0	0.0%	2	3.9%	0	0.0%	0	0.0%	13	25.5%
0	0.0%	2	3.9%	0	0.0%	0	0.0%	12	23.5%
0	0.0%	2	3.9%	0	0.0%	0	0.0%	12	23.5%
0	0.0%	2	3.9%	1	2.0%	0	0.0%	11	21.6%

Table 1.19 - Question 6: Treatment for communicable diseases and chronic diseases. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
HIV/AIDS	17	33.3%	37	72.5%	14	27.5%	22	43.1%	
Other STDs	23	45.1%	29	56.9%	12	23.5%	36	70.6%	
Breast and cervical cancer	6	11.8%	21	41.2%	14	27.5%	8	15.7%	
Colon/rectum cancer	2	3.9%	11	21.6%	12	23.5%	5	9.8%	
Diabetes	5	9.8%	10	19.6%	9	17.6%	14	27.5%	
Asthma	1	2.0%	11	21.6%	8	15.7%	14	27.5%	
Blood lead	5	9.8%	9	17.6%	8	15.7%	11	21.6%	
High blood pressure	2	3.9%	7	13.7%	9	17.6%	12	23.5%	
Coronary heart disease	2	3.9%	6	11.8%	8	15.7%	10	19.6%	
Other cancers	2	3.9%	5	9.8%	10	19.6%	5	9.8%	
Other public health treatment	4	7.8%	3	5.9%	5	9.8%	7	13.7%	

Table 1.20 - Question 8: Other clinical health services provided to individuals. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Oral health	20	39.2%	32	62.7%	13	25.5%	34	66.7%	
Emergency medical services/ regulation and service provision	33	64.7%	16	31.4%	14	27.5%	12	23.5%	
Minority health	25	49.0%	26	51.0%	12	23.5%	27	52.9%	
Rural health	20	39.2%	18	35.3%	10	19.6%	19	37.3%	
Sexual assault victims services	7	13.7%	23	45.1%	28	54.9%	8	15.7%	
Substance abuse education and prevention	15	29.4%	22	43.1%	37	72.5%	18	35.3%	
Domestic violence victims services	4	7.8%	20	39.2%	34	66.7%	11	21.6%	
Pharmacy	15	29.4%	13	25.5%	16	31.4%	14	27.5%	
Substance abuse treatment services	9	17.6%	18	35.3%	31	60.8%	9	17.6%	
Mental health education and prevention services	9	17.6%	15	29.4%	40	78.4%	14	27.5%	
Comprehensive primary care for adults	1	2.0%	13	25.5%	8	15.7%	17	33.3%	
Home health care	5	9.8%	9	17.6%	13	25.5%	22	43.1%	
Mental health treatment services	6	11.8%	10	19.6%	39	76.5%	6	11.8%	
State nursing home eligibility determination	10	19.6%	2	3.9%	30	58.8%	4	7.8%	
Managed care (medical homes)	5	9.8%	6	11.8%	30	58.8%	8	15.7%	
Child protection services/ medical evaluation	6	11.8%	4	7.8%	40	78.4%	10	19.6%	
Correctional health	6	11.8%	5	9.8%	44	86.3%	12	23.5%	
Disability	2	3.9%	7	13.7%	39	76.5%	2	3.9%	
Disability determination	5	9.8%	4	7.8%	42	82.4%	2	3.9%	
Physical therapy	1	2.0%	8	15.7%	9	17.6%	7	13.7%	

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
6	11.8%	42	82.4%	10	19.6%	10	19.6%	43	84.3%
9	17.6%	42	82.4%	10	19.6%	0	0.0%	39	76.5%
2	3.9%	40	78.4%	12	23.5%	1	2.0%	25	49.0%
2	3.9%	40	78.4%	11	21.6%	1	2.0%	13	25.5%
3	5.9%	41	80.4%	12	23.5%	1	2.0%	13	25.5%
4	7.8%	42	82.4%	9	17.6%	1	2.0%	12	23.5%
1	2.0%	37	72.5%	5	9.8%	2	3.9%	12	23.5%
3	5.9%	40	78.4%	12	23.5%	1	2.0%	8	15.7%
3	5.9%	40	78.4%	12	23.5%	1	2.0%	7	13.7%
3	5.9%	39	76.5%	12	23.5%	1	2.0%	7	13.7%
1	2.0%	7	13.7%	3	5.9%	4	7.8%	5	9.8%

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
7	13.7%	41	80.4%	8	15.7%	0	0.0%	38	74.5%
22	43.1%	26	51.0%	3	5.9%	0	0.0%	37	72.5%
8	15.7%	26	51.0%	6	11.8%	0	0.0%	36	70.6%
8	15.7%	27	52.9%	5	9.8%	0	0.0%	31	60.8%
13	25.5%	37	72.5%	3	5.9%	0	0.0%	28	54.9%
19	37.3%	37	72.5%	10	19.6%	0	0.0%	25	49.0%
18	35.3%	36	70.6%	4	7.8%	0	0.0%	22	43.1%
6	11.8%	34	66.7%	10	19.6%	3	5.9%	21	41.2%
14	27.5%	38	74.5%	10	19.6%	0	0.0%	20	39.2%
15	29.4%	37	72.5%	4	7.8%	0	0.0%	18	35.3%
3	5.9%	40	78.4%	10	19.6%	0	0.0%	14	27.5%
8	15.7%	40	78.4%	4	7.8%	0	0.0%	13	25.5%
16	31.4%	35	68.6%	9	17.6%	0	0.0%	12	23.5%
6	11.8%	7	13.7%	1	2.0%	2	3.9%	12	23.5%
5	9.8%	34	66.7%	1	2.0%	1	2.0%	10	19.6%
18	35.3%	28	54.9%	2	3.9%	0	0.0%	8	15.7%
15	29.4%	18	35.3%	7	13.7%	1	2.0%	8	15.7%
5	9.8%	26	51.0%	8	15.7%	0	0.0%	8	15.7%
4	7.8%	13	25.5%	8	15.7%	0	0.0%	8	15.7%
2	3.9%	32	62.7%	9	17.6%	2	3.9%	8	15.7%

Table 1.21 - Question 15: Other public health activities. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Veterinarian public health activities	38	74.5%	3	5.9%	26	51.0%	13	25.5%	
Institutional Review Board (IRB)	34	66.7%	3	5.9%	25	49.0%	2	3.9%	
Trauma system	34	66.7%	9	17.6%	9	17.6%	5	9.8%	
State health planning and development	35	68.6%	7	13.7%	21	41.2%	9	17.6%	
Occupational safety and health	19	37.3%	3	5.9%	42	82.4%	5	9.8%	
Forensics laboratory	15	29.4%	5	9.8%	36	70.6%	3	5.9%	
Substance abuse facilities	9	17.6%	9	17.6%	33	64.7%	6	11.8%	
Needle exchange	5	9.8%	13	25.5%	1	2.0%	11	21.6%	
Correctional health	11	21.6%	2	3.9%	45	88.2%	12	23.5%	
State mental institutions/hospitals	12	23.5%	3	5.9%	40	78.4%	0	0.0%	
State tuberculosis hospitals	7	13.7%	8	15.7%	5	9.8%	1	2.0%	
Medical examiner	11	21.6%	4	7.8%	23	45.1%	4	7.8%	
State mental health authority with substance abuse	9	17.6%	3	5.9%	39	76.5%	4	7.8%	
Eldercare services/senior services	8	15.7%	4	7.8%	40	78.4%	14	27.5%	
State mental health authority without substance abuse	7	13.7%	2	3.9%	33	64.7%	4	7.8%	
Agriculture regulation	4	7.8%	0	0.0%	51	100.0%	1	2.0%	

Table 1.22 - Question 2: Immunizations—administration of vaccine to population. Select all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Adult Immunizations	22	43.1%	20	39.2%	10	19.6%	44	86.3%	
Childhood Immunizations	17	33.3%	29	56.9%	7	13.7%	42	82.4%	
International Travel Immunizations	7	13.7%	5	9.8%	2	3.9%	35	68.6%	

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
4	7.8%	2	3.9%	5	9.8%	1	2.0%	39	76.5%
1	2.0%	19	37.3%	7	13.7%	0	0.0%	37	72.5%
8	15.7%	23	45.1%	2	3.9%	4	7.8%	36	70.6%
2	3.9%	10	19.6%	5	9.8%	3	5.9%	35	68.6%
5	9.8%	10	19.6%	22	43.1%	0	0.0%	19	37.3%
7	13.7%	4	7.8%	8	15.7%	0	0.0%	16	31.4%
8	15.7%	33	64.7%	5	9.8%	0	0.0%	15	29.4%
3	5.9%	16	31.4%	1	2.0%	14	27.5%	14	27.5%
7	13.7%	12	23.5%	11	21.6%	0	0.0%	12	23.5%
1	2.0%	6	11.8%	1	2.0%	0	0.0%	12	23.5%
1	2.0%	4	7.8%	1	2.0%	27	52.9%	12	23.5%
18	35.3%	5	9.8%	3	5.9%	1	2.0%	11	21.6%
7	13.7%	9	17.6%	3	5.9%	0	0.0%	10	19.6%
14	27.5%	25	49.0%	6	11.8%	0	0.0%	9	17.6%
6	11.8%	8	15.7%	3	5.9%	6	11.8%	7	13.7%
3	5.9%	0	0.0%	10	19.6%	0	0.0%	4	7.8%

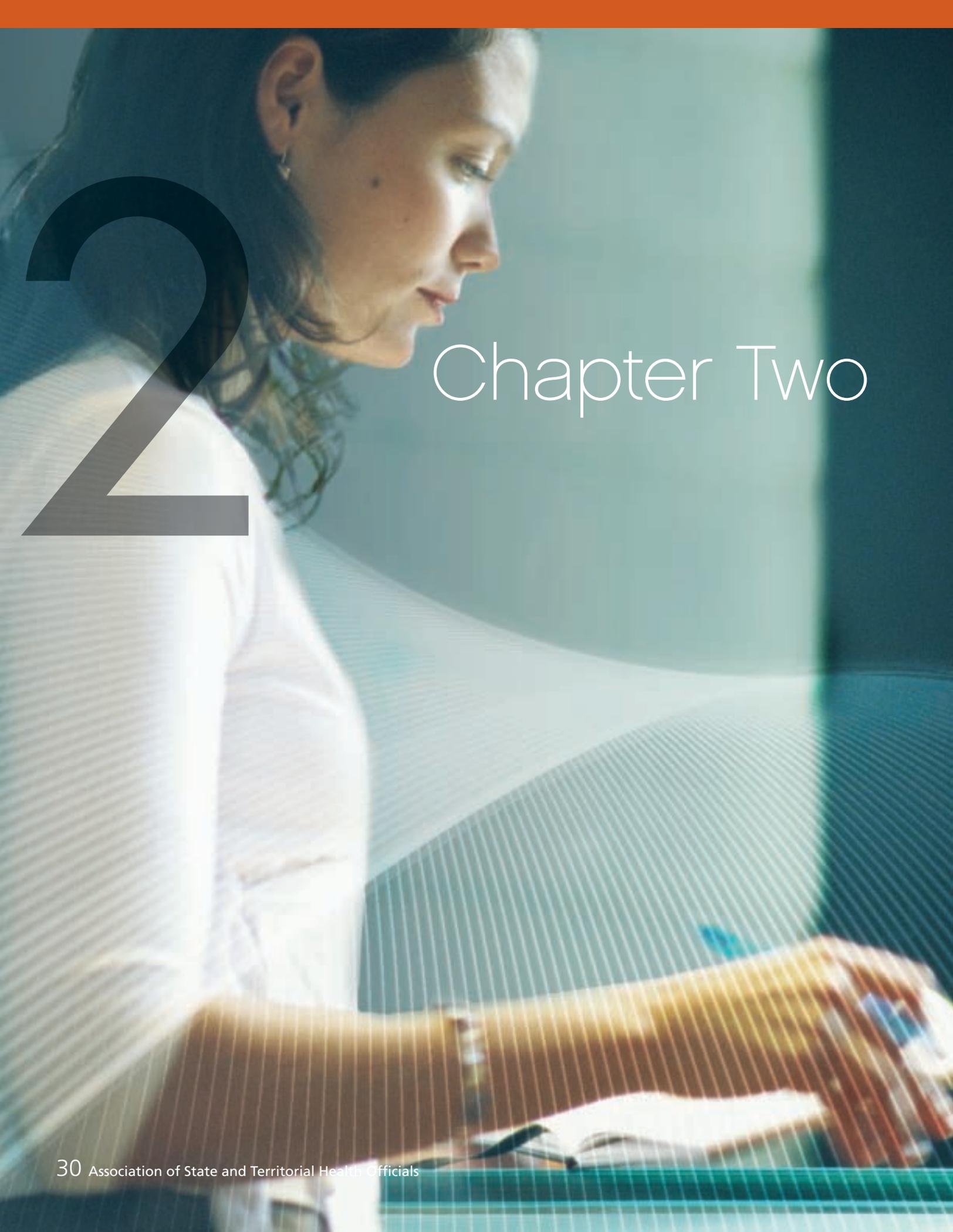
Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
10	19.6%	40	78.4%	15	29.4%	0	0.0%	32	62.7%
7	13.7%	44	86.3%	10	19.6%	0	0.0%	35	68.6%
2	3.9%	42	82.4%	9	17.6%	1	2.0%	10	19.6%

Table 1.23 – Question 9: Data collection/analysis. Check all that apply. (N = 51)

	Performed by state public health agency directly		Contracted (or grants) by state public health agency		Performed by another state governmental agency		Performed by local public health agency		
	n	%	n	%	n	%	n	%	
Reportable diseases	51	100.0%	8	15.7%	2	3.9%	32	62.7%	
Morbidity data	50	98.0%	11	21.6%	10	19.6%	21	41.2%	
Adolescent behavior	35	68.6%	25	49.0%	34	66.7%	11	21.6%	
Overall health assessment	35	68.6%	16	31.4%	9	17.6%	27	52.9%	
Uninsured, outreach and enrollment for medical insurance	25	49.0%	19	37.3%	37	72.5%	20	39.2%	

Performed by other local governmental agency		Performed by a non-governmental entity		Performed by a federal agency		Not available in state		SPHA directly or by contract	
n	%	n	%	n	%	n	%	n	%
3	5.9%	12	23.5%	15	29.4%	0	0.0%	51	100.0%
5	9.8%	22	43.1%	16	31.4%	0	0.0%	50	98.0%
11	21.6%	22	43.1%	7	13.7%	0	0.0%	40	78.4%
5	9.8%	23	45.1%	13	25.5%	1	2.0%	39	76.5%
13	25.5%	25	49.0%	5	9.8%	0	0.0%	29	56.9%





Chapter Two

Organization and Structure

Table 2.1 - Question 21: Which best describes the structure of the state public health agency? (N = 51)

	n	%
Free-standing/independent agency	28	54.9%
Under a larger agency	23	45.1%

Table 2.2* - Question 23: If your agency is under a super-agency or umbrella agency, what are the major areas of responsibility of the larger agency that are separate from the statutory responsibility of the state public health agency in this organization? Select all that apply.

Not under a super-agency or umbrella agency		Medicaid		Public assistance		Long-term care		State mental health with substance abuse		Other		Substance abuse		State mental health without substance abuse		Environmental protection	
n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
28	54.9%	19	90.5%	17	81.0%	16	76.2%	14	66.7%	11	52.4%	7	33.3%	5	23.8%	1	4.8%

* An error was made in percentages for Figure 2.2 in the ASTHO Profile of State Public Health. The correct percentages are provided in the table above.

Table 2.3 - Question 57: What is the organizational relationship between state and local public health agencies in your state? Select only one. (N = 51)

	n	%
No local health departments	4	7.8%
Centralized organizational control	10	19.6%
Decentralized organizational control	19	37.3%
Hybrid organizational control	18	35.3%

Table 2.4A - Question 58: What is the total number of local public health agencies within your state (non-regional)?

N	Minimum	Maximum	Mean
51	0	351	56.18

Table 2.4B - Question 59: What is the total number of regional public health agencies in your state?

N	Minimum	Maximum	Mean
51	0	89	7.76

Table 2.4C* - Number of Local and Regional Health Departments in State (Questions 58 and 59)

	Local Health Departments		Regional Health Departments	
	n	%	n	%
0	7	13.7%	23	45.1%
1 to 10	8	15.7%	20	39.2%
11 to 49	10	19.6%	6	11.8%
50 to 99	20	39.2%	2	3.9%
100 to 199	5	9.8%	0	0.0%
> 200	1	2.0%	0	0.0%

* An error was made in calculating the categories for the number of local public health departments for Figure 2.4 in the ASTHO Profile of State Public Health. The correct categorical data is provided in the table above.

Table 2.5 - Question 24: Who has the authority to do each of the following in your state? Select all that apply. (N = 51)

	State Public Health Agency		State Board of Health		Governor		State Legislature		Super-agency/ Umbrella Agency		Other Entity (specify)	
	n	%	n	%	n	%	n	%	n	%	n	%
Establish fees for services	33	64.7%	10	19.6%	18	35.3%	44	86.3%	5	9.8%	0	0.0%
Adopt public health laws & regulations	25	49.0%	11	21.6%	19	37.3%	43	84.3%	7	13.7%	0	0.0%
Approve the SPHA budget	10	19.6%	0	0.0%	35	68.6%	46	90.2%	12	23.5%	1	2.0%
Hire or appoint agency head	1	2.0%	3	5.9%	42	82.4%	6	11.8%	6	11.8%	0	0.0%
Place public health levy on ballot for general election	1	2.0%	1	2.0%	12	23.5%	36	70.6%	2	3.9%	1	2.0%
Establish taxes (millage, levy, etc.) for public health	0	0.0%	0	0.0%	18	35.3%	45	88.2%	1	2.0%	0	0.0%

Table 2.6 - Question 29b: How is public health represented in the following agencies?

	Direct reporting to governor					
	No		Yes		N/A	
	n	%	n	%	n	%
State transportation (N = 48)	6	12.5%	41	85.4%	1	2.1%
State environment agency (N = 48)	11	22.9%	36	75.0%	1	2.1%
State agriculture agency (N = 49)	12	24.5%	34	69.4%	3	6.1%
State natural resources agency (N = 49)	10	20.4%	33	67.3%	6	12.2%
State social service agency (N = 49)	16	32.7%	32	65.3%	1	2.0%
State recreation and parks (N = 47)	17	36.2%	27	57.4%	3	6.4%
State aging agency (N = 46)	25	54.3%	19	41.3%	2	4.3%
Public health laboratories (N = 45)	35	77.8%	6	13.3%	4	8.9%

Table 2.7* - Question 64: We are interested in knowing about your SPHA's collaborations with a number of types of governmental and nongovernmental organizations. For each organization, check each listed activity that your SPHA has done in conjunction with that organization in the past year. (N = 51)

	Exchange Information		Work together on activities or projects		SPHA provides financial resources		SPHA has the leadership role within the partnership		No relationship yet		N/A: Organization does not exist in jurisdiction	
	n	%	n	%	n	%	n	%	n	%	n	%
Partnerships with Other Government Agencies												
Emergency responders	48	94.1%	48	94.1%	38	74.5%	26	51.0%	0	0.0%	0	0.0%
Local Public Health Agencies	42	82.4%	43	84.3%	43	84.3%	30	58.8%	0	0.0%	9	17.6%
Transportation	39	76.5%	37	72.5%	2	3.9%	3	5.9%	9	17.6%	0	0.0%
Parks and recreations	37	72.5%	32	62.7%	4	7.8%	1	2.0%	9	17.6%	1	2.0%
Tribal government agencies/or other tribal community	32	62.7%	31	60.8%	21	41.2%	11	21.6%	6	11.8%	8	15.7%
Housing agencies	32	62.7%	25	49.0%	3	5.9%	2	3.9%	16	31.4%	1	2.0%
Land use agencies	23	45.1%	18	35.3%	1	2.0%	1	2.0%	21	41.2%	4	7.8%

* Data reported in Figure 2.7 in the ASTHO Profile of State Public Health was derived from the second column entitled "Work together on activities or projects."

Table 2.8* - Question 64: We are interested in knowing about your SPHA's collaborations with a number of types of governmental and nongovernmental organizations. For each organization, check each listed activity that your SPHA has done in conjunction with that organization in the past year. (N = 51)

	Exchange Information		Work together on activities or projects		SPHA provides financial resources		SPHA has the leadership role within the partnership		No relationship yet		N/A: Organization does not exist in jurisdiction	
	n	%	n	%	n	%	n	%	n	%	n	%
Non-governmental organizations												
Universities	48	94.1%	50	98.0%	32	62.7%	14	27.5%	0	0.0%	0	0.0%
Schools	49	96.1%	49	96.1%	24	47.1%	12	23.5%	1	2.0%	0	0.0%
Hospitals	47	92.2%	48	94.1%	41	80.4%	17	33.3%	0	0.0%	0	0.0%
Community based organizations	46	90.2%	48	94.1%	42	82.4%	19	37.3%	0	0.0%	0	0.0%
Community health centers	48	94.1%	46	90.2%	38	74.5%	13	25.5%	0	0.0%	0	0.0%
Regional cancer society	48	94.1%	46	90.2%	14	27.5%	9	17.6%	1	2.0%	0	0.0%
Faith communities	45	88.2%	46	90.2%	23	45.1%	9	17.6%	2	3.9%	0	0.0%
Other health care providers	46	90.2%	43	84.3%	19	37.3%	14	27.5%	0	0.0%	0	0.0%
Health insurers	46	90.2%	42	82.4%	5	9.8%	7	13.7%	4	7.8%	0	0.0%
Physician practices/medical groups	45	88.2%	40	78.4%	13	25.5%	13	25.5%	1	2.0%	0	0.0%
Business	46	90.2%	39	76.5%	4	7.8%	4	7.8%	2	3.9%	1	2.0%
Cooperative extensions	39	76.5%	38	74.5%	6	11.8%	4	7.8%	7	13.7%	1	2.0%
Other voluntary or nonprofit organizations, e.g., libraries	41	80.4%	37	72.5%	20	39.2%	6	11.8%	4	7.8%	0	0.0%
Environmental and conservation organizations	45	88.2%	35	68.6%	6	11.8%	4	7.8%	5	9.8%	0	0.0%
Media	49	96.1%	32	62.7%	7	13.7%	4	7.8%	0	0.0%	0	0.0%
Economic and community development agencies	36	70.6%	30	58.8%	8	15.7%	4	7.8%	10	19.6%	2	3.9%
Utility companies/agencies	29	56.9%	21	41.2%	2	3.9%	3	5.9%	18	35.3%	2	3.9%

*Data reported in Figure 2.8 in the ASTHO Profile of State Public Health was derived from the second column entitled "Work together on activities or projects."

Table 2.9 - Question 30: Who is the primary statutory public health authority within your state? (N = 51)

	n	%
State health official	35	68.6%
State board of health	6	11.8%
HHS secretary or other official of a super-agency or umbrella agency	5	9.8%
Governor	1	2.0%
Other	4	7.8%

Table 2.10 - Question 31: The state public health agency has specific legal/statutory authority to:
Select all that apply. (N = 51)

	State Statute		Gubernatorial Order		Rules/Regulations	
	n	%	n	%	n	%
Declare a health emergency	39	76.5%	26	51.0%	21	41.2%
Collect health data	51	100.0%	5	9.8%	36	70.6%
Manage vital statistics	51	100.0%	4	7.8%	36	70.6%
Conduct health planning	42	82.4%	3	5.9%	24	47.1%
Issue certificates of need	27	52.9%	1	2.0%	23	45.1%
Operate health facilities	23	45.1%	4	7.8%	16	31.4%
License health professionals	34	66.7%	1	2.0%	29	56.9%
Accredit local health agencies	6	11.8%	51	100.0%	6	11.8%
Other	11	21.6%	2	3.9%	7	13.7%

Table 2.11 - Question 25: Has your state board of health received public health training? *Select only one.* (N = 49)

	n	%
Yes, more than a year ago	4	8.2%
Yes, in past year	6	12.2%
No	8	16.3%
Do not have a board of health	31	63.3%

Table 2.12 - Question 29A: Where is the state public health agency located within state government? (N = 51)

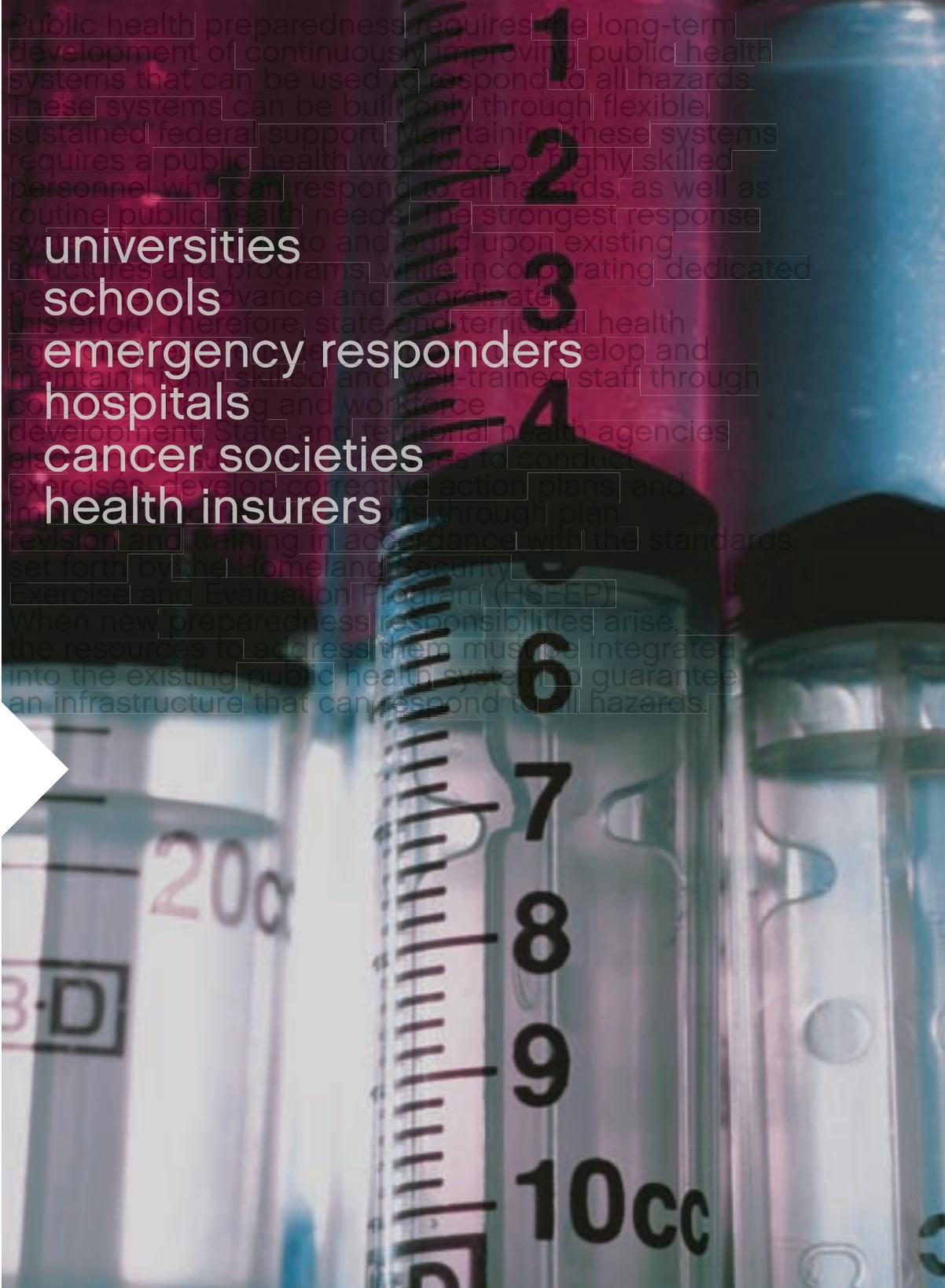
Cabinet level agency	n	%
Yes	35	68.6%
No	15	29.4%
N/A	1	2.0%

Table 2.13 - Question 29A: Where is the state public health agency located within state government? (N = 51)

Direct reporting to the governor	n	%
Yes	29	56.9%
No	22	43.1%

Table 2.14 - Question 64: How has your SPHA's participation in collaborations with other state agencies and organizations changed over the past three years?

	No Change		Greatly Decreased		Slightly Decreased		Slightly Increased		Greatly Increased	
	n	%	n	%	n	%	n	%	n	%
Local Public Health Agencies	6	11.8%	0	0.0%	2	3.9%	20	39.2%	15	29.4%
Hospitals	9	17.6%	1	2.0%	0	0.0%	22	43.1%	18	35.3%
Physician practices/medical groups	23	45.1%	0	0.0%	0	0.0%	16	31.4%	8	15.7%
Community health centers	13	25.5%	0	0.0%	1	2.0%	25	49.0%	11	21.6%
Other health care providers	13	25.5%	0	0.0%	1	2.0%	26	51.0%	10	19.6%
Health insurers	18	35.3%	0	0.0%	2	3.9%	25	49.0%	6	11.8%
Regional cancer society	22	43.1%	0	0.0%	0	0.0%	17	33.3%	10	19.6%
Emergency responders	10	19.6%	0	0.0%	1	2.0%	19	37.3%	20	39.2%
Land use agencies	28	54.9%	0	0.0%	0	0.0%	9	17.6%	1	2.0%
Economic and community development agencies	31	60.8%	0	0.0%	0	0.0%	15	29.4%	1	2.0%
Housing agencies	36	70.6%	0	0.0%	1	2.0%	9	17.6%	0	0.0%
Utility companies/agencies	28	54.9%	0	0.0%	0	0.0%	15	29.4%	0	0.0%
Environmental and conservation organizations	29	56.9%	0	0.0%	0	0.0%	15	29.4%	5	9.8%
Cooperative extensions	25	49.0%	0	0.0%	2	3.9%	14	27.5%	5	9.8%
Schools	14	27.5%	0	0.0%	0	0.0%	24	47.1%	11	21.6%
Parks and recreations	22	43.1%	0	0.0%	0	0.0%	19	37.3%	5	9.8%
Transportation	26	51.0%	0	0.0%	0	0.0%	17	33.3%	5	9.8%
Community based organizations	13	25.5%	0	0.0%	0	0.0%	23	45.1%	14	27.5%
Faith communities	21	41.2%	0	0.0%	0	0.0%	21	41.2%	9	17.6%
Other voluntary or nonprofit organizations, e.g., libraries	28	54.9%	0	0.0%	0	0.0%	13	25.5%	5	9.8%
Universities	19	37.3%	0	0.0%	1	2.0%	19	37.3%	10	19.6%
Business	13	25.5%	0	0.0%	2	3.9%	26	51.0%	5	9.8%
Media	21	41.2%	0	0.0%	0	0.0%	21	41.2%	8	15.7%
Tribal government agencies/or other tribal community	13	25.5%	0	0.0%	0	0.0%	17	33.3%	7	13.7%



Public health preparedness requires the long-term development of continuously improving public health systems that can be used to respond to all hazards. These systems can be built only through flexible, sustained federal support. Maintaining these systems requires a public health workforce of highly skilled personnel who can respond to all hazards, as well as routine public health needs. The strongest response systems go and build upon existing structures and programs, while incorporating dedicated personnel to advance and coordinate this effort. Therefore, state and territorial health agencies should develop and maintain highly skilled and well-trained staff through continuing education and workforce development. State and territorial health agencies also should conduct exercises, develop collective action plans, and improve them through plan revision and training in accordance with the standards set forth by the Homeland Security Exercise and Evaluation Program (HSEEP). When new preparedness responsibilities arise, the resources to address them must be integrated into the existing public health system and guarantee an infrastructure that can respond to all hazards.

- universities
- schools
- emergency responders
- hospitals
- cancer societies
- health insurers

3

Chapter Three

State Health Planning and Quality Improvement

Table 3.1A - Question 51: Has your SPHA developed or participated in developing a health improvement plan for your state? (*N* = 51)

	n	%
Yes, within the last three years	12	23.5%
Yes, more than three years ago	29	56.9%
No	10	19.6%

Table 3.1B - Question 52: Do you plan to update your state health improvement plan within the next three years? (*N* = 40)

	n	%
Yes	38	95.0%
No	2	5.0%

Table 3.1C - Question 53: Do you have a health improvement plan that was developed using the results of a state health assessment? (*N* = 44)

	n	%
Yes	30	68.2%
No	13	29.5%
N/A	1	2.3%

Table 3.1D - Question 54: Does your state's health improvement plan link to the local health improvement plans? (*N* = 44)

	n	%
Yes	13	29.5%
No	9	20.5%
Linked to some plans	13	29.5%
N/A	9	20.5%

Table 3.1E - Question 55: Does your SPHA have a strategic plan? (N = 50)

	n	%
Yes	38	76.0%
No	12	24.0%

Table 3.2 - Question 56: Please indicate whether and how you have used any of the following tools on a statewide basis. Select all that apply. (N = 50)

	Never Used		Have not used in the past three years		Used statewide		Used as a reference		Implemented in collaboration with other tools		Implemented independent of other tools		Don't know	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%
NPHPSP	6	12.0%	5	10.0%	15	30.0%	22	44.0%	15	30.0%	6	12.0%	2	4.0%
Any Turning Point Collaborative Tool	7	14.0%	4	8.0%	10	20.0%	23	46.0%	15	30.0%	2	4.0%	3	6.0%
Healthy People 2010	1	2.0%	0	0.0%	34	68.0%	29	58.0%	21	42.0%	4	8.0%	0	0.0%
Tool developed by SPHA	5	10.0%	3	6.0%	18	36.0%	7	14.0%	12	24.0%	2	4.0%	6	12.0%

Table 3.3 - Question 66: Does your SPHA have its own quality improvement process in place? Select all that apply. (N = 51)

	n	%
Yes, fully implemented department-wide	5	9.8%
Yes, partially implemented department-wide	15	29.4%
Yes, fully implemented for specific programs	11	21.6%
Yes, partially implemented for specific programs	17	33.3%

Table 3.4 - Question 68: Indicate processes your SPHA currently has in place for each of the specified areas. *Select all that apply. (N = 50)*

	Performance Standards		Performance Measures		Progress Reports		Quality Improvement		No Improvement Process	
	n	%	n	%	n	%	n	%	n	%
Tuberculosis	35	70.0%	43	86.0%	43	86.0%	26	52.0%	0	0.0%
Maternal and Child Health	34	68.0%	43	86.0%	44	88.0%	31	62.0%	0	0.0%
STDs	34	68.0%	43	86.0%	42	84.0%	23	46.0%	1	2.0%
Family planning	32	64.0%	37	74.0%	41	82.0%	31	62.0%	2	4.0%
Human Resource Development	26	52.0%	32	64.0%	33	66.0%	20	40.0%	4	8.0%
Health status assessment	23	46.0%	27	54.0%	35	70.0%	17	34.0%	5	10.0%
Health facility regulation	32	64.0%	33	66.0%	33	66.0%	29	58.0%	6	12.0%
Data & info systems	29	58.0%	35	70.0%	31	62.0%	21	42.0%	6	12.0%
Management practices	20	40.0%	26	52.0%	26	52.0%	19	38.0%	6	12.0%
Financial systems	25	50.0%	30	60.0%	30	60.0%	17	34.0%	8	16.0%
Public health capacity	23	46.0%	28	56.0%	25	50.0%	18	36.0%	10	20.0%
Customer focus & satisfaction	16	32.0%	14	28.0%	16	32.0%	18	36.0%	12	24.0%

Table 3.5 - Question 67: Does your SPHA have a formal performance management program in place that includes ALL of the following: performance standards, performance measures, reporting of progress, and a quality improvement process? *Select all that apply. (N = 51)*

	n	%
Fully implemented, department-wide	8	15.7%
Partially implemented, department-wide	15	29.4%
Fully implemented for specific programs	5	9.8%
Partially implemented for specific programs	13	25.5%

A photograph of two men in business attire looking at a laptop screen. The man on the left is wearing a blue pinstriped suit jacket and a light-colored shirt, and is pointing at the screen. The man on the right is wearing a light blue button-down shirt and is looking at the screen. The background is a blurred office environment with large windows. The text 'Chapter Four' is overlaid in white on the right side of the image.

Chapter Four

State Health Agency Workforce

Table 4.1* - Question 27: Please indicate the number of staff members and FTEs working in your state public health agency.

Number of staff members			
n	Minimum	Maximum	Mean
46	235	17583	2254.30

Number of Full-time Equivalents (FTEs)			
n	Minimum	Maximum	Mean
48	42	14924	2110.88

Number of staff members	n	%
< 1000	15	32.6%
1000-1999	16	34.8%
2000-2999	4	8.7%
3000-3999	6	13.0%
4000-4999	3	6.5%
> 5000	2	4.3%
Total	46	100.0%

Number of Full-time Equivalents (FTEs)	n	%
< 1000	18	37.5%
1000-1999	13	27.1%
2000-2999	9	18.8%
3000-3999	3	6.3%
4000-4999	2	4.2%
> 5000	3	6.3%
Total	48	100.0%

* An error was made in calculating the categories for the number of FTEs for Figure 4.1 in the ASTHO Profile of State Public Health. The correct categorical data is provided in the table above.

Table 4.2* - Question 28: Please indicate the number of workers in the following categories:

	Number of workers				
	n	Min	Max	Mean	Sum
Total SPHA workers	46	235	17583	2254.3	103698
Number of state workers assigned to local areas or regions	41	0	15073	1133.05	46455
Number of contractual workers	32	0	2500	260.13	8324
Number of hourly (temporary or as needed) workers	40	0	1502	136.5	5460
Number of part-time workers	43	0	798	98.19	4222
SPHA workers that work for other state agencies	33	0	1380	42.61	1406

* Data reported in Figure 4.2 for "Total SPHA workers" in the ASTHO Profile of State Public Health was derived from question 27A (number of staff members).

Table 4.3 - Question 60: From which sources does the SPHA staff receive training? *Select all that apply.* (N = 51)

	n	%
SPHA in-house training	50	98.0%
Federal government	46	90.2%
Schools of public health or public health graduate programs	44	86.3%
National associations or organizations	44	86.3%
Other state agency(ies)	41	80.4%
Health professional associations or organizations	40	78.4%
Colleges or universities	37	72.5%
Public health institutes	37	72.5%
Nursing schools	27	52.9%
Medical schools	23	45.1%
Community colleges	18	35.3%
Another state's health agency	10	19.6%
Other	6	11.8%
None	0	0.0%

Table 4.4* - Question 62: Indicate the use of various public health competencies in the course of managing your agency personnel. *Select all that apply.* (N = 50)

	Not familiar with		Familiar with but have not used		Assessing staff competencies		Developing training plans		Preparing job descriptions		Other use		Have used	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Core competencies for public health professionals (Council on Linkages)	2	4.0%	18	36.0%	24	48.0%	22	44.0%	17	34.0%	4	8.0%	30	60%
Emergency preparedness competencies for all public health workers (Columbia University)	5	10.0%	16	32.0%	20	40.0%	26	52.0%	17	34.0%	3	6.0%	29	58%
Public Health Nursing Competencies (Quad Council)	16	32.0%	12	24.0%	10	20.0%	13	26.0%	9	18.0%	5	10.0%	22	44%
Informatics competencies for public health professionals (Northwest Center for Public Health Practice)	16	32.0%	21	42.0%	9	18.0%	8	16.0%	6	12.0%	2	4.0%	13	26%
NLN Leadership Competencies	21	42.0%	18	36.0%	4	8.0%	6	12.0%	3	6.0%	2	4.0%	11	22%

* The "have used" variable designation was created by subtracting those with "not familiar with" responses and those with "familiar with but have not used" responses from those who answered the question.

Table 4.5 - Question 69: What are the minimum qualifications in state statute or rule, for your state health official? Select all that apply. (N = 48)

	n	%
M.D. or D.O.	28	58.3%
Other	25	52.1%
Other advanced degree	10	20.8%
Executive management experience	10	20.8%
Ten or more years in profession	6	12.5%

Table 4.6 - Question 70: What are the educational qualifications of the current state health official? (N = 51)

	n	%
MD	32	62.7%
MPH	17	33.3%
BS	8	15.7%
BA	7	13.7%
Other	7	13.7%
JD	5	9.8%
MBA	4	7.8%
BSN	3	5.9%
PhD	3	5.9%
RN	2	3.9%
MSN	2	3.9%
DrPH	1	2.0%
DDS	1	2.0%
DO	0	0.0%
DVM	0	0.0%



Table 4.7 - Question 71: How many years has she or he been in the public health profession? (*N* = 47)

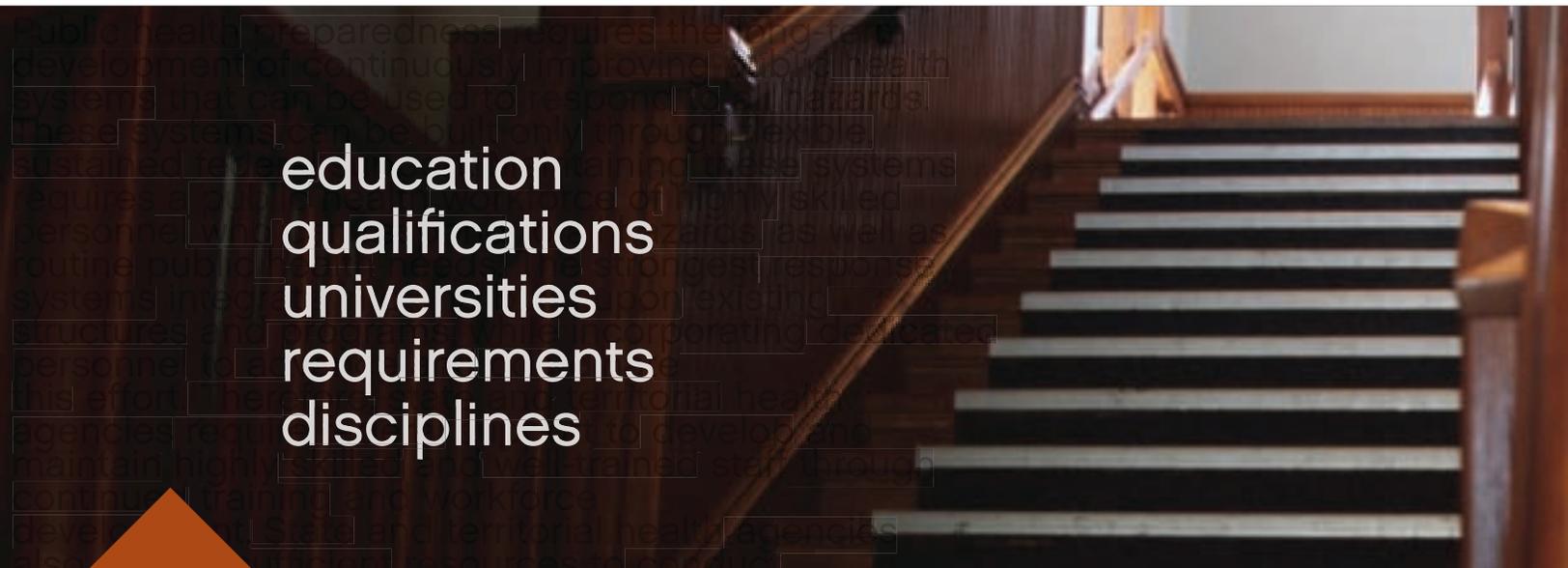
n	Min	Max	Mean
47	1	37	15.87

Table 4.8 - Question 72: How many years was she or he in the public health profession before becoming the state health official? (*N* = 45)

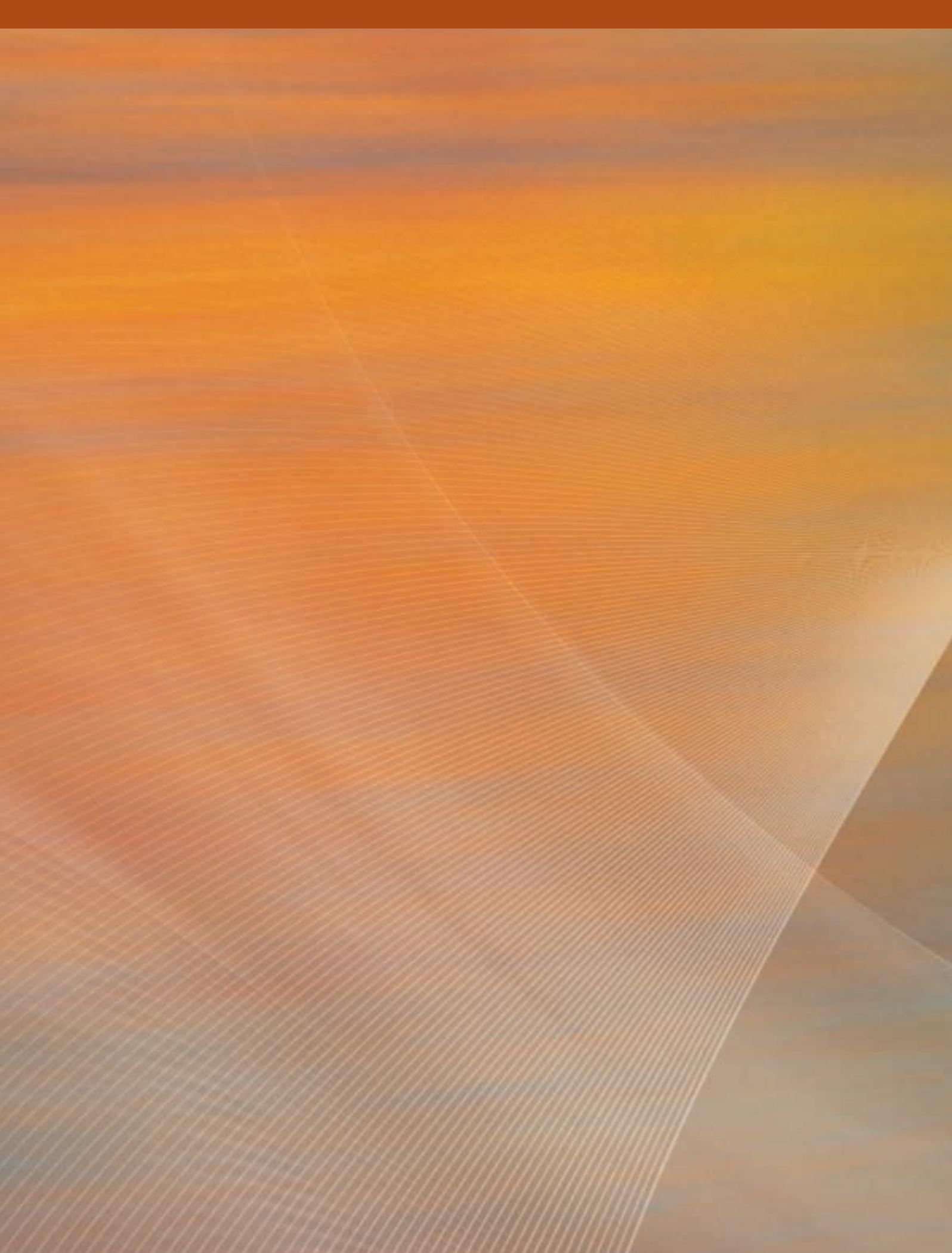
n	Min	Max	Mean
45	0	32	12.11

Table 4.9 - Question 73: Did she or he have executive management experience prior to becoming the state health official? (*N* = 50)

	n	%
Yes	45	90.0%
No	5	10.0%



education
qualifications
universities
requirements
disciplines





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Chartbook of State Public Health
Volume I
June 2010
PUB-1004001

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