Program Area	Item	Definitey (Percent)
10c. Recreational water safety	New and emerging recreational water facilities (e.g. floatation tanks, complex designs of pools, etc.)	76.3%
10g. Infectious disease	Emerging diseases	69.8%
10j. Legal and Regulatory	Gathering evidence (photos, physical evidence, chain of custody etc.)	66.3%
10f. Infection Prevention and Control - Community Settings	Emerging services in personal services settings	66.0%
10a. Food Safety	Emerging food technology: fermentation, canning, curing, dehydration, smoking, sous vide	65.9%
10a. Food Safety	Foodborne illness investigations (as distinct from inspections) and determining root causes of illness/outbreak (including procedures)	63.3%
10g. Infectious disease	Vectorborne diseases	63.3%
10h. Health hazards / Built Environments	Environmentally transmitted diseases (including legionella)	63.2%
10b. Drinking water quality	Procedures involved in investigating waterborne illnesses and outbreaks	61.7%
10c. Recreational water safety	Emerging water treatment technology	60.7%
10a. Food Safety	Risk assessment of potentially hazardous foods (e.g. ungraded eggs, unpasteurized milk, non-cow/non-goat milk, non-chicken eggs)	60.2%
10j. Legal and Regulatory	Conflict resolution	59.6%
10a. Food Safety	Reducing risk associated with consumption raw meat dishes (e.g. steak tartare, carpaccio, kitfo, kibbeh, koi soi..)	59.3%
10a. Food Safety	Food Safety of ethic and specialty foods	59.3%
10e. Infection Prevention and Control - Child Care Settings	Disinfection (particularly around chemical claims)	59.2%
10j. Legal and Regulatory	Process of writing and issuing an order/directive	59.1%
10c. Recreational water safety	Equipment used in the treatment of recreational water	59.1%
10j. Legal and Regulatory	Preparing for court	58.7%
10g. Infectious disease	Rabies Control	58.2%
10j. Legal and Regulatory	Legal note taking	57.9%
10d. Infection Prevention and Control - Institutional Settings	IPAC inspections and lapse investigations	57.4%
10b. Drinking water quality	Watermain breaks and disinfection including sources of contamination and decision making	57.4%
10a. Food Safety	Disinfection, sanitation, sterilization	57.0%
10j. Legal and Regulatory	Process of writing and laying a summons or ticket	56.9%
10f. Infection Prevention and Control - Community Settings	Sterilization/Reprocessing equipment	56.8%
10j. Legal and Regulatory	Interpreting the Health Protection and Promotion Act and other applicable Regulations	56.2%
10g. Infectious disease	Enteric disease trends (provincial and national)	56.2%
10j. Legal and Regulatory	Mock court and courtroom demeanor	56.1%
10j. Legal and Regulatory	Progressive enforcement principles	55.6%
10g. Infectious disease	Laboratory interpretation	55.4%

10h. Health hazards / Built Environments	Investigation and assessment of indoor environments (including grow ops, migrant farm housing and hoarding)	55.2%
10h. Health hazards / Built Environments	Indoor air quality assessment (mould, radon, vapour intrusion)	54.1%
10e. Infection Prevention and Control - Child Care Settings	IPAC inspections	53.1%
10f. Infection Prevention and Control - Community Settings	Personal service setting Guidelines	53.1%
10a. Food Safety	Investigating unregulated food premises (e.g. farmers markets, special events)	52.7%
10b. Drinking water quality	Small drinking water systems training - reinspection issues, enforcement, compliance monitoring	52.3%
10g. Infectious disease	CDI Outbreaks	52.2%
10d. Infection Prevention and Control - Institutional Settings	Environmental cleaning	51.8%
10b. Drinking water quality	Community risk assessment of water contaminants	51.1%
10k. Leadership	Coaching and mentoring	50.5%
10f. Infection Prevention and Control - Community Settings	Environmental Cleaning	49.5%
10a. Food Safety	Determining what, how, when and why to sample in a food safety investigation	49.2%
10e. Infection Prevention and Control - Child Care Settings	Public health risks of animals in these settings	49.1%
10c. Recreational water safety	Blue-green algae – assessment, response and control	49.1%
10e. Infection Prevention and Control - Child Care Settings	Environmental Cleaning	48.8%
10h. Health hazards / Built Environments	Human health risk assessment including framework and approach for air, water and soil contamination	48.6%
10k. Leadership	Giving and receiving feedback	48.3%
10k. Leadership	Management principles (including time management and strategic thinking)	48.2%
10c. Recreational water safety	Anti-entrapment systems and devices	47.7%
10k. Leadership	Accountability and ethics	47.6%
10k. Leadership	Team building and management	47.4%
10b. Drinking water quality	Blue green algae - small drinking water system specific response training	47.4%
10m. Partnerships, Collaboration & Advocacy	Conflict Management	47.1%
10d. Infection Prevention and Control - Institutional Settings	Public health risk of animals in these settings	47.1%
10k. Leadership	Executing and achieving results	46.6%
10i. Emergency management	Roles and responsibilities associated with CBRN (chemical, biological, radiological and nuclear) events (including multi-jurisdictional coordination/communication)	46.6%
10a. Food Safety	Assessing shelf stability of foods	46.6%

10d. Infection Prevention and Control - Institutional Settings	Antibiotic resistant organisms (i.e. MRSA< CRE, CPE, etc.)	46.0%
10b. Drinking water quality	Surface and groundwater contaminants	45.9%
10i. Emergency management	Planning guidelines for vulnerable populations	45.8%
10h. Health hazards / Built Environments	Climate change - public health response, risk assessment and mitigation	45.5%
10c. Recreational water safety	Interventions to reduce environmental contribution to bacterial loading at bathing beaches	45.4%
10g. Infectious disease	Non-reportable disease outbreaks	44.9%
10h. Health hazards / Built Environments	Risk Management – framework and approach	44.6%
10n. Communication	Designing a risk communication plan to inform various publics (e.g. media, general public, operators, politicians)	43.9%
10b. Drinking water quality	Inspection of drinking water haulers - issues, challenges, guidelines	43.8%
10h. Health hazards / Built Environments	Chemical exposure in consumer products	43.4%
10d. Infection Prevention and Control - Institutional Settings	Clostridium difficile infection trends	42.8%
10b. Drinking water quality	Interpretation of water sample results for bacterial and chemical parameters	42.5%
10e. Infection Prevention and Control - Child Care Settings	Non-reportable infections	42.4%
10l. Public Health Sciences	Risk Assessment and analysis	42.1%
10n. Communication	Adult education teaching strategies	41.9%
10h. Health hazards / Built Environments	Noxious and poisonous plants (e.g. hogweed)	41.8%
10m. Partnerships, Collaboration & Advocacy	Negotiation	40.7%
10n. Communication	Targeted communication for diversity, inclusiveness and cross cultural awareness	40.4%
10d. Infection Prevention and Control - Institutional Settings	IPAC Core Competencies	40.2%
10i. Emergency management	Emergency management tools: hazard identification and risk assessment (HIRA), incident management systems (IMS)	40.2%
10m. Partnerships, Collaboration & Advocacy	Public health advocacy	39.8%
10g. Infectious disease	Vaccine Preventable Diseases	39.6%
10d. Infection Prevention and Control - Institutional Settings	Biohazardous waste disposal	39.0%
10d. Infection Prevention and Control - Institutional Settings	Construction, Renovation, Maintenance and Design	38.5%
10h. Health hazards / Built Environments	Environmental assessment (including land use planning)	38.4%
10h. Health hazards / Built Environments	Outdoor air quality (measuring pollutants, traffic-related air pollution)	38.4%
10b. Drinking water quality	Lead in drinking water - public health implications, risk assessment and response	38.4%
10n. Communication	Public speaking: group situation (town hall forum, classroom)	38.2%
10l. Public Health Sciences	Critical appraisal of evidence and research	37.6%

10a. Food Safety	Roles and responsibilities between municipal, provincial and federal partners in food safety (e.g., FIORP, ON-FIORP)	**37.4%**
10i. Emergency management	Occupational health and safety, including personal protective equipment (PPE) stockpiling and use	**36.9%**
10n. Communication	Strategies used in preparing and presenting a media release or interview	**36.8%**
10l. Public Health Sciences	Application of evidence and research	**36.7%**
10h. Health hazards / Built Environments	Physical hazards (noise, temperature, radiation)	**36.2%**
10f. Infection Prevention and Control - Community Settings	Adapting/supporting hand hygiene programs	**34.9%**
10n. Communication	Effective Social Marketing Strategies	**34.6%**
10e. Infection Prevention and Control - Child Care Settings	Adapting/supporting hand hygiene programs	**33.8%**
10d. Infection Prevention and Control - Institutional Settings	Hand hygiene programs and support	**32.5%**
10l. Public Health Sciences	Health Promotion strategies	**32.2%**
10l. Public Health Sciences	Health equity	**31.5%**
10c. Recreational water safety	Predictive modelling for beaches	**31.4%**
10l. Public Health Sciences	Social Determinants of Health	**29.8%**