



HEALTH INFORMATION CAPACITY SURVEY

Based on the opinion of Public Health experts, this survey aims at characterizing existing capacities and training needs for the use and management of health information by public health professionals in EU Member States and associated countries.

Its application is part of the *InfAct – Joint Action on Health Information* project (WP6).

This is a special version of the Survey intended for ASPHER members and should be answered based on each ASPHER member activities and training offer

For your guidance, the main concepts are the following:

Health Information is the data and knowledge that health professionals use to support their decisions, usually available in the health information systems.

Health Information Systems refer to any system that captures, stores, manages or reports information related to the health of individuals or populations, or the activities of health organisations.

This definition incorporates routine information systems, disease surveillance systems, and includes laboratory systems, patient records systems and resource management systems. It includes aspects related with working processes (e.g. decision-making), people skills and technology.

At a policy level, decisions informed by evidence contribute to more efficient resource allocation and, at the delivery level, information about the quality and effectiveness of services can contribute to better outcomes.

Completion of the Survey

Each Institution should designate a **focal point** responsible for gathering the information and completing the survey.

In case of any doubt, please contact Dr. André Beja for clarification (andre.beja@ihmt.unl.pt).

QUESTION #1

In the context of participation in the infAct survey and in accordance with the General Data Protection Regulation, you are requested to pronounce about the referred processing of your personal data.

By ticking YES, I authorize the processing of my personal data, such as name, email and other information concerning my participation in the infAct Survey.

Please choose **only one** of the following:

Yes

No

QUESTION #2

Please provide us the following information:

Name

Institutional affiliation

Country

E-mail address

QUESTION #4

Considering the context of your country and the Public HIS users identified in the question below, please **rank the greatest needs regarding knowledge and skills** for public health information.

** Please address this question following the suggestions, however be free to add new ones by entering them in the text box below.*

| | Rank from 1 to 13: #1 = greatest need #13 = lowest need |
|--|--|
| Health Professionals (e.g. MD, Nurses, Psychologists, Pharmacists, Other) | |
| Economists | |
| Manager/Administrator | |
| Statistician | |
| Data analyst | |
| Public Health Researcher | |
| Public Health Information Specialist | |
| ICT personnel | |
| Public Health Programme Manager | |
| Epidemiologist | |
| Social scientists | |
| Other - please specify: _____ | |

Comments for Question #4:

QUESTION #5

Considering a **10-year development perspective** for the HIS of your country, **rank the greatest needs for developing knowledge and skills** for public health information.

** Please address this question following the suggestions, however be free to add new ones by entering them in the text box below.*

| | Rank from 1 to 13: #1 = greatest need #13 = lowest need |
|--|--|
| Health Professionals (e.g. MD, Nurses, Psychologists, Pharmacists, Other) | |
| Economists | |
| Manager/Administrator | |
| Statistician | |
| Data analyst | |
| Public Health Researcher | |
| Public Health Information Specialist | |
| ICT personnel | |
| Public Health Programme Manager | |
| Epidemiologist | |
| Social scientists | |
| Other - please specify: _____ | |

Comments for Question #5:

QUESTION #6

Please indicate which cadres of public health professionals mostly need further training in health information in your country and the appropriate type of training (may choose more than one):

| | 1-2 Days Seminar / Workshop | Intensive course (1-2 weeks) | E-learning (e.g. MOOC) | Mentoring | Availability of guidelines/ standardized protocols / programme codes | Site visits / researcher exchange programme | Other |
|--------------------------------------|-----------------------------|------------------------------|------------------------|-----------|--|---|-------|
| Economists | | | | | | | |
| Public Health Information Specialist | | | | | | | |
| Data analyst | | | | | | | |
| Public Health Researcher | | | | | | | |
| Epidemiologist | | | | | | | |
| Public Health Programme Manager | | | | | | | |
| ICT personnel | | | | | | | |
| Statistician | | | | | | | |
| Social scientists | | | | | | | |
| Manager/ Administrator | | | | | | | |
| Physician | | | | | | | |
| Nurse | | | | | | | |
| Other - please specify: _____ | | | | | | | |

Comments for Question #6:

QUESTION #7

Please fill out the table below regarding **Health Information-related courses available** in your institution **concerning data sources, standardized data collection tools and Epidemiological methods** (availability, access, contents).

* Please address this question following the suggestions, however be free to add new ones by entering them in the text box below.

| Main topic of the course | Availability/Duration | FORMAT(S) | |
|--|--|--|--|
| | Not available Less than 30h 30h-90h More than 90h | A = Seminar/workshop B = Onsite course C = E-learning | D = Site visits E = Researcher exchange programme F = Other |
| Health records (hospitalizations/ patient records) | | | |
| Registries (mortality or disease-specific registries, such as cancer registry, diabetes registry) | | | |
| Health interview surveys (surveys based only on questionnaires) | | | |
| Health examination surveys (surveys with objective measurements and collection of biological samples additional to questionnaires) | | | |
| Longitudinal epidemiological studies | | | |
| Other - please specify: _____ | | | |

Comments for Question #7:

QUESTION #8

Please fill out the table below regarding **Health Information-related courses available** in your Institution **concerning DATA analysis and exploitation**.

* Please address this question following the suggestions, however be free to add new ones by entering them in the text box below.

| Main topic of the course | Availability/Duration | FORMAT(S) | |
|--|--|--|--|
| | Not available Less than 30h 30h-90h More than 90h | A = Seminar/workshop B = Onsite course C = E-learning | D = Site visits E = Researcher exchange programme F = Other |
| Calculation of health statistics | | | |
| Projections of health outcomes/risk factors | | | |
| Health system performance assessment (HSPA) | | | |
| Interoperability of data sources | | | |
| Derivation of indicators for the European Core Health Indicators (ICHI) short list | | | |
| Burden of disease (concept and methods – YLL, YLD, DALY) | | | |
| Data Management | | | |
| Foresight / Scenario Analysis | | | |
| Other - please specify: _____ | | | |

Comments for Question #8:

QUESTION #9

Please fill out the table below regarding **Health Information-related courses** available in your institution **concerning translation from data to policy**.

* Please address this question following the suggestions, however be free to add new ones by entering them in the text box below.

| Main topic of the course | Availability/Duration | FORMAT(S) | |
|------------------------------------|--|---|---|
| | Not available Less than 30h 30h-90h More than 90h | A = Seminar/workshop B = Onsite course C = E-learning | D = Site visits E = Researcher exchange programme F = Other |
| Health Regulation | | | |
| DATA presentation | | | |
| Communication strategies and tools | | | |
| Policy translation | | | |
| Other - please specify: _____ | | | |

Comments for Question #9:

QUESTION #10

Please choose **how useful the following capacity building topics would better fit as modules of a flagship training programme** on Health Information in your country (choose only one option per row).

| | Not at all helpful | Not so helpful | Somewhat helpful | Very helpful | Extremely helpful |
|---|---------------------------|-----------------------|-------------------------|---------------------|--------------------------|
| Data sources, metrics and indicators | | | | | |
| Health data collection methods | | | | | |
| Public health studies and surveys | | | | | |
| Data analysis and interpretation | | | | | |
| Data presentation methods | | | | | |
| From data to policy: Evidence, translation and communication | | | | | |
| Health information programme management | | | | | |
| Health information research and partnerships | | | | | |
| Fundamentals on Public systems (including eHealth/mHealth) | | | | | |
| Data Privacy and Ethics | | | | | |

Comments for Question #10:

Thank you for your help by completing this survey.