**Data collection tool**

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| **Demographic** |  |
| **Nationality**  | Saudi  | Non-Saudi | **Specify**  |  |  |
| **Residence**  | Saudi Arabia(domestic pilgrims)  | Others (foreign pilgrims)  |  |  |  |
| **Age**  | <30 | 30-50 | >50 |  |  |
| **Sex**  | Male  | Female  |  |  |  |
| **Completed highest level of education**  | Illiterate | Primary | Preparatory | Secondary | University and high |
| **Job (work status)** | Employed(working)  | Un-employed (not- working)  |  |  |  |
| **Marital status** | Single  | Married  | Divorced  | Widowed  |  |
| **Number of times attending Hajj** | First  | 2-5 | 6-10 | >10 |  |
| **Length of current hajj stay**  |  <1 week  | 1w-2w | >2w |  |  |

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| **Knowledge** |
| **Recommended hajj vaccination\***Meningitis Poliomyelitis Yellow feverInfluenza  | Yes | No  |
| **Recommended preventive measure against Middle Eastern Respiratory Syndrome Corona Virus (MERS-CoV) and other respiratory infections\***-Wash hands with soap and water or a disinfectant, especially after coughing and sneezing**-** Use disposable tissues when coughing or sneezing**-** Wear regular masks when in crowded places. **-** Avoid close contact with people who appear ill and avoid sharing their personal belongings. -Avoid contact with camels in farms, markets, or barn.**-**Avoid drinking raw milk or eating meat that has not been thoroughly cooked | Yes  | No  |
| **Recommended preventive measures against insects bite (Zika Virus Disease and Dengue Fever )\***Insect repellents Arms & legs cover sleeping in air-conditioned rooms/tents | Yes  | No  |
| **Recommended preventive measures against Food and Water-Borne Diseases\*:**- Wash hands before and after eating and after going to the toilet. - Thoroughly clean and wash fresh vegetables and fruit.-Avoid eating improperly stored food. | Yes  | No  |
| **Recommended preventive measures against Heat-Related Conditions\*:**- All pilgrims, especially older individuals, should avoid direct sun exposure while performing rituals - To drink sufficient amount of fluids. - Health-related illness to their pilgrims. -Medications that can exacerbate dehydration (e.g. diuretics) or interfere with heat exchange may need adjustment by treating physicians.  | Yes  | No  |
| **Injury prevention measures\*:**-Expect overcrowding at religious sites and be alert to possible safety risks. - To avoid peak times. | Yes  | No  |

\* Categories are not mutually exclusive.

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| **Attitude** |
|  | Disagree  | Uncertain  | Agree  |
| I think that travel does not increase disease risk if I am in good health  |  |  |  |
| In my opinion visiting doctor before hajj travel is essential  |  |  |  |
| I think that vaccines are very important before hajj travel  |  |  |  |
| If I travel for hajj frequently, I do not need preventive measures much  |  |  |  |
| In my opinion, personal hygiene protects from many diseases  |  |  |  |
| I do not think that infectious diseases could be related to traveling to hajj |  |  |  |
| I think that gastro-enteritis only affects children and elderly  |  |  |  |

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| **Health seeking behavior (practice)** |
| **Before hajj travel :** |  |  |  |  |
| **Travel preparation time** | <2w | 2-4w | >4w |  |
| **Seeking general information about Makka& hajj**  | Yes  | No |  |  |
| **Source of information about Makka& hajj \*:**  Internet Travel agentTravel bookFriends or relatives  | Yes  | No  |  |  |
| **Did you seek travel health or medical advice prior to departure?** | Yes  | No  |  |  |
| **If you did not seek medical advice prior to travel: Why not?** \*Too busy No medical concerns Didn’t know where to find information Costs too much I already knew the necessary information Other: Specify |  |  |  |  |
| **If yes, When did you get the pre-travel advice?**  | >4w | 2-4w | <2w |  |
| **Source of health advice\***Governmental health facility Private health facility Internet (eg. Saudi Arabia Country Information page- KSA Ministry of Health website..). Mass media (TV. Radio..) | Yes  | No  |  |  |
| **Pre-travel preventive measures\***  Vaccine(s)Antimicrobial Over the counter medications | Yes  | No  |  |  |
| **Pilgrims with preexisting medical conditions :\*****-**Consulted doctor for hajj suitability. -If on prescribed medications, they have a sufficient supply to cover their time abroad with some extra in case of delays- Carry a copy of their prescription**.** | Yes  | No  |  |  |
| **Ensure they have adequate Comprehensive travel insurance**  | Yes  | No  |  |  |
| **A first aid kit to help them manage common issues such as cuts and grazes, headaches and travellers’ diarrhoea** | Yes  | No  |  |  |
| **During travel:**  |  |  |  |  |
| If you became ill, you sought medical advice? | Yes  | No  |  |  |
| Take prophylactic or curative medications (e.g. antimicrobial ) as ordered by doctor  | Yes  | No  |  |  |
| **Use preventive measure against respiratory infections\*** -Wash hands with soap and water or a disinfectant, especially after coughing and sneezing**-** Use disposable tissues when coughing or sneezing**-** Wear regular masks when in crowded places. **-** Avoid close contact with people who appear ill and avoid sharing their personal belongings. -Avoid contact with camels in farms, markets, or barn.**-**Avoid drinking raw milk or eating meat that has not been thoroughly cooked | Yes  | No  |  |  |
| **Use protective measures against insects \***Insect repellents Arms & legs cover sleeping in air-conditioned rooms/tents | Yes  | No  |  |  |
| **Use preventive measures against Food and Water-Borne Diseases:\*****-**Wash hands before and after eating and after going to the toilet. - Thoroughly clean and wash fresh vegetables and fruit.-Avoid eating improperly stored food. | Yes  | No  |  |  |
| **Use preventive measures against Heat-Related Conditions\*:**- Avoid direct sun exposure while performing rituals - Drink sufficient amount of fluids.  | Yes  | No  |  |  |
| **Use** **Injury prevention measures**\*-Avoid overcrowding at religious sites. - Avoid peak times. | Yes  | No  |  |  |

\* Categories are not mutually exclusive.