I. G-SIRE (Guideline for Surveillance REport) Checklist

	No	Items
Title, Abstract and Summary		
Title	1	1-1. Include the term 'surveillance report' in the title of the report (can be presented after collon (:) as subheading). 1-2. Describe type of diseases, time frame (year), geographic region (country, region), and if necessary, characteristics of population within which the study took place in the title.
Abstract	2	Provide a structured abstract, including Objectives, Methods, Results and Conclusions. a. Objectives: Provide brief background and purpose of the study. b. Methods: Present the data source, definition and size of the population, variables, and statistical analysis method used in the study. c. Results: Present the results of standard indicators and related factors, in the case of association analysis. d. Conclusions: Summarize the study results and suggest public health implications.
Summary	3	Provide the summary of what is known previously, what new information is presented, and what are implications. a. What is known previously: Describe the characteristics and results of operating surveillance system. b. What new information is presented: Summarize the results of surveillance reporting, and suggest the differences from the previous results. c. What are implications: Describe the implications from the public health perspectives.
Introduction		
Background rationale	4	Explain the scientific background and rationale for the surveillance being implemented. (If applicable) Include a brief description of the purpose, operation methods and outputs regarding the surveillance system.
Objectives	5	State specific objectives of the surveillance, including any prespecified hypothesis.
Methods		
Study design	6	Describe the study design (cross-sectional study, case-control study, cohort study, etc.).
Data sources	7	Describe the data source of the surveillance system, the data collection period, and the method of selecting subjects (cases) for the specific purpose. (if necessary) Describe how to link with other data sources when the surveillance system data is linked with other data.
Participants	8	8-1. Provide the definition of study subjects, eligible criteria (or exclusion criteria), and final size of subjects based on eligible criteria. 8-2. (If necessary) Provide a flowchart of study selection process – study population, eligible study subjects and actual study subjects.
Data collection/ Measurement	9	Describe the data collection method (reporting, questionnaire: PAPI/CAPI, health examination, etc.).

	No	Items
Quality of data	10	10-1. Describe data quality assessment method regarding surveillance system such as completeness, accuracy of reporting/notification, etc. 10-2. Explain the techniques and methods used to manage missing data.
Variables	11	Clearly define variables used or collected in the study such as dependent variables, independent variables (exposure) and confounders. Describe definition and classification of each variable.
Statistical methods	12	Describe the statistical programs used to analyze the results, data analysis process (weighting, missing data, etc.), and result presentation and analysis method (descriptive statistics, univariate analysis, multivariate analysis).
Results		
Participants	13	Report the characteristics and socio-demographic distribution of study participants.
Descriptive statistics	14	Provide descriptive information on outcomes, exposures (predictors), potential confounders and effect modifiers.
Analytic statistics	15	15-1. Present the univariate analysis result regarding dependent variables: Report the number of subjects and indices (e.g., %, incidence, mortality, etc.), including significance result 15-2. (If applicable) Present the multivariate analysis result: Report odds ratios or relative risks and 95% confidence intervals if the dependent variable is categorical, or relevance indicators (regression coefficients and significance test results) if it is continuous 15-3. (If necessary) Report the result of other analysis conducted such as subgroup analysis, interaction analysis, etc. (Possible to be presented as supplements, depending on the context of the content)
Discussion		
Summary of findings	16	Summarize key findings with reference to study objectives.
Interpretation	17	Present overall interpretation of study results based on other relevant studies and evidences.
Limits	18	Present limitations of the study, taking into account sources of potential bias, limitations in study design, incompleteness of surveillance data collection and interpretation of results.
Conclusions	19	Present conclusions in regards to the study objectives, public health implications, and (if necessary) suggestions for future research.
Other information		
Ethical statement	20	Provide ethical statement. Report information regarding IRB review and informed consent. If the study is exempted from IRB review, include the relevant sentence.
Funding	21	Describe information about the funding source (funding agency, grant number, role of the agency). If there is no funding, state that there is none.
Acknowledgements	22	Disclose the contributions of people or organizations that contributed to the research but are not listed as authors.
Conflict of interest	23	Describe any conflicts of interest, if any.
Author contribution	24	Describe each author's contribution to the manuscript.

	No	Items
References	25	Provide references according to the structured format.
Data availability	26	(If necessary) Describe how the data used in the study can be accessed.
Supplements	27	(If necessary) Although not presented in the main text, analysis results that may be helpful in interpreting the results are presented.

2. G-SURE (Guidelines for SUrvey REporting) Checklist

Topic, Domain	No	Description
Title, Abstract and Summary		
Title	1	1-1. Include the term 'survey report' in the title of the report (can be presented after colon (:) as subheading).
		1-2. Describe type of diseases, time frame (year), geographic region (country, region), and if necessary, characteristics of population within which the study took place in the title.
Abstract	2	Provide a structured abstract, including Objectives, Methods, Results and Conclusions.
		2-1. Objectives: Provide brief background and purpose of the study. 2-2. Methods: Present the data source, definition and size of the population, variables, and statistical analysis method used in the study. 2-3. Results: Present the results of standard indicators and related factors, in the case of association analysis. 2-4. Conclusions: Summarize the study results and suggest public health implications.
Summary	3	Provide the summary of what is known previously, what new information is presented, and what are implications. a. What is known previously: Describe previous survey information relevant to the survey being covered in the study. b. What new information is presented: Summarize the survey results and suggest the differences from the previous surveys. c. What are implications: Describe the implications from the public health perspectives.
Introduction		
Backgrounds	4	Describe the scientific background, current status and importance of the survey.
Objectives	5	Describe the purpose and specific goals of the report.
Methods		
Study design	6	Describe the study design such as investigator, duration and location of the survey, target facilities and population size.
Participants	7	7-1. Describe whether probability sampling was used to select participants, response rate and size of the participants, and the reason why some of the selected participants did not participate in the survey. 7-2. (If necessary) Provide a flowchart of study selection process – target population size, eligible study participants, and actual study participants.
Variables	8	Provide the characteristics of target population, outcome variable, and potential confounders, if necessary
Data sources and analysis methods	9	The sources and analysis methods should be clarified if an existing database is used. Describe the components and contents of the survey tool. If it is a questionnaire survey, describe the measurement tool's reliability, validity, and pretesting contents.

Topic, Domain	No	Description
Statistical methods	10	Describe all statistical analysis methods conducted in the study. If a statistical program is used, mention the program details.
Missing data	11	Describe how missing data was handled.
Results		
Participants' characteristics	12	Compare the characteristics of the sample and the survey population. Describe demographic characteristics of the participants (if various characteristics are included, provide a table). (If necessary) Provide a flowchart of study participants.
Main results	13	Describe statistical analysis results such as prevalence, incidence, mortality, positive rate, odds ratio, relative ratio, mean difference, etc.
Discussion		
Summary of findings	14	Summarize key findings with reference to study objectives.
Interpretation	15	Present overall interpretation of study results in light of study objectives, limitations, other relevant studies and evidences.
Limitations	16	(If necessary) Provide limitations of the study regarding participants, measurement, analysis tools, etc.
Conclusions and implications	17	Present conclusions in regards to the study objectives, public health implications, and (if necessary) suggestions for future research.
Other information		
Ethics statement	18	Provide ethical statement. Report whether the study approved IRB review and obtained informed consent. If the study is exempted from IRB review, describe the relevant matter.
Funding	19	Describe information about the funding source (funding agency, grant number, role of the agency). If there is no funding, state that there is none.
Acknowledgments	20	Describe the individuals who contributed to the research but are not included as authors.
Conflict of interest	21	Describe any conflicts of interest, if any.
Authors' contribution	22	Describe each author's contribution to the manuscript.
References	23	Provide references according to the structured format.
Data availability	24	(If necessary) Describe how the data used in the study can be accessed.
Supplementary materials	25	(If necessary) Describe the content of the supplements. If there is no supplement, state that there is none or omit this subheading.

3. G-CORE (Guidelines for Community Outbreak Investigation REporting) Checklist

Reporting Item	Description
Title, abstract and summary	
1. Title	1-1. Include the term 'outbreak investigation report' in the title of the report (can be presented after collon (:) as subheading). 1-2. Describe type of diseases, time frame (year), geographic region (country, region), and if necessary, characteristics of population within which the study took place in the title. 1-3. If there are major findings regarding the source of infection and infection pathway, include it in the title of the report.
2. Abstract	Provide a structured abstract, including Objectives, Methods, Results, and Conclusions. 2-1. Objectives: Provide general information on target health problems, the reason and purpose of implementing the outbreak investigation. 2-2. Methods: Provide the time and place of the investigation being implemented, target participants, case definition and data collection method, study design, and data analysis method. 2-3. Results: Describe the characteristics of the cases and their health problems, temporal and spatial distribution, source of infection and transmission route, factors related to epidemic and spread patterns, public health measures and their effects. 2-4. Conclusions: Summarize the main findings and suggest public health implications.
3. Summary	Provide the summary of what is known previously, what new information is presented, and what are the implications. 3-1. What is already known about this topic: Describe current nature and onset of existing health problems. 3-2. What new information is presented? Describe the new results revealed by the investigation. 3-3. What are the implications for public health practice? Describe the public health implications.
Introduction	
4. Reasons for carrying out investigation and its characteristics	Describe reasons and importance of carrying out investigation, including the time the index case(s) has been recognized, and general information regarding the epidemiological and clinical characteristics of the target health problems.
5. Objectives	State the goal and the detailed objectives of investigation, including prespecified hypothesis.
Methods	
6. Living environment information	Describe the characteristics of the community or population as the living environment in which interact with the target case(s).
7. Case definition and case detection method	Describe the case definition of the disease or investigation method to detect the case.

Reporting Item	Description
8. Identification of pathogen	Describe the specimen acquisition system, testing method and the institution performing the test to identify pathogens.
9. Epidemiological and clinical characteristics	Describe the methods for identifying clinical characteristics and calculating epidemiological indicators.
10. Transmission and spreading process	10-1. Describe the method for identifying the transmission route and the spreading process of disease of syndrome in the community or population. 10-2. Describe the methods to identify direct or indirect risk factors involved in the outbreak.
11. Public heath measures	Describe the process of determining and reflecting public health measures.
12. Study design and data analysis	Describe the study design, the statistical methods and the statistical software used in the study.
Results	
13. Descriptive epidemiologic charactersitics	Describe the epidemiological characteristics of outbreak by time, place and person, and provide the evidence for judging epidemic.
14. Pathogenic agent	Describe the results of identifying the causative pathogen by microbiology, immunology, or molecular biology methods using the human and environmental specimens.
15. Clinical and epidemiological characteristics	Provide the clinical characteristics and calculated indicators of morbidity, mortality and medical utilization, and host-parasite interaction.
16. Transmission route, spreading process	Describe the transmission and spreading process and factor analysis result together with association indicator.
17. Public health measures and their impact	17-1. Describe the public health measures implemented to control outbreak based on the evidence. 17-2. Describe the results of implementing public health measures and the results of evaluating the impact and/or effectiveness of the measures.
Discussion	
18. Summary of findings	Summarize key findings in terms of the objectives of investigation.
19. Characteristics of the outbreak	Describe the unique features of the outbreak compared to similar domestic and foreign outbreaks, and the previous studies.
20. Interpretation	Interpret and discuss the results of investigation.
21. Limitations	Describe the limitations and barriers of the investigation.
22. Conclusions	Present conclusions in regards to the study objectives, public health implications, and (if necessary) suggestions for future research.
Other information	
23. Ethics statement	Provide ethical statement. Report information regarding IRB review and informed consent. If the study is exempted from IRB review, include the relevant sentence.
24. Funding	Describe information about the funding source (funding agency, grant number, role of the agency). If there is no funding, state that there is none.

Reporting Item	Description
25. Acknowledgements	Disclose the contributions of people or organizations that contributed to the research but are not listed as authors.
26. Conflict of interest	Describe any conflicts of interest, if any.
27. Author contribution	Describe each author's contribution to the manuscript.
28. References	Provide references according to the structured format.
29. Data sharing	(If necessary) Describe how the data used in the study can be accessed.
30. Supplement	(If necessary) Although not presented in the main text, analysis results that may be helpful in interpreting the results are presented.

4. G-SCOPE (Guideline for Standardized Criteria Of Policy rEporting) Checklist

Section/topic	No	Item
Title, Abstract and Summary		
Title	1	1-1. Include the term 'policy report' in the title of the report (can be presented after colon (:) as subheading). 1-2. Provide the policy name. 1-3. Provide when, where, and (if needed) the policy provider (enforcer) and consumer (target).
Abstract	2	Provide a structured abstract, including Objectives, Methods, Results and Conclusions. 2-1. Objectives: Briefly describe the policy and purpose of the report. 2-2. Methods: Provide the report type (① case and trend report, ② policy development, measures, and plans, ③ enactment and revision of laws and regulations, and ④ evaluation of results and effects of policy implementation), research design, or methods used for research, development, and evaluation. 2-3. Results: Present the key findings from the policy research/development/evaluation. 2-4. Conclusions: Summarize the results and suggest the public health policy implications.
Summary	3	Provide the summary of what is known previously, what new information is presented, and what are implications. 3-1. What is known previously? Describe the current status and problems with the existing policy and the purpose of the report. 3-2. What new information is presented? Describe the key findings (policy objectives, policy alternatives, or recommendations). Describe how it differs from existing policy (if needed). 3-3. What are implications? Describe the public health policy implications (technical, health, socioeconomic expectations, etc.).
Introduction		
Background	4	Describe the rationale of the policy (health issue to be addressed, problems and current status, etc.).
Purpose	5	Describe the purpose of the policy report.
Methods		
Policy stakeholders and environment	6	6-1. Describe the primary population relevant to the policy service. - Describe the policymakers (developers), policy providers (enforcers), consumers (targets, beneficiaries), or potential victims (opponents). (If needed) Describe stakeholders' interest and understanding. 6-2. Describe the environment in which the policy is enforced (location, time, duration, etc.).
Context of the policy	7	(If necessary) Describe background, role and position of the policy in terms of social, economic, political, and health care contexts, as well as the policy development or improvement needs. - The needs can be diverse, such as ①changes in the distribution/pattern of relevant diseases, ②legal requirements, ③needs of relevant ministries and sectors, and ④changes in relevant policies and guidelines, and should be clearly described.

Section/topic	No	Item
Types of reporting and methods	8	8-1. Describe the type of policy reporting (①case and trend report, ②policy development, measures, and plans, ③enactment and revision of laws and regulations, and ④evaluation of results and effects of policy implementation) and the methods used (situation analysis, literature review, etc.). 8-2. (If needed) For Report Types ① and ④, describe the study design. - Qualitative research (literature review, focused group interview, interview, etc.), quantitative research (literature review, observational study; cross-sectional study, case-control study, cohort study, etc., experimental studies; randomized trials, quasi-experimental studies, etc.), etc. 8-3. (If needed) For Reporting Types ②, ③, and ④, describe, to the extent possible, ways to set policy goals, policy means, and decision-making systems. - Include a description of the decision-making system or policy formulation process for the policy, including how stakeholders were consulted.
Results (apply based on the type of report)		
Case · trend study results (Report type ①)	9	Present the literature review or situation analysis results.
Results of development, measures, plans, and enactment/revision of laws and regulations (Report type②, ③)	10	Describe the content of the policy, the action plan, and the enactment or revision of laws and regulations. - Compare domestic and foreign policies and highlight differences and improvements by timeline, if possible.
Implementation · effectiveness assessment results (Report type ④)	11	11-1. (If needed) Present the results of the descriptive analysis of the metrics under evaluation. - (If needed) present the results of the descriptive analysis of the third variables considered. 11-2. Present the final results on policy implementation and effectiveness.
Results of stakeholder participation in decision-making (All reporting types)	12	(If needed) Present the results of stakeholder engagement around the policy.
Expected effects of the policy (All reporting types)	13	13-1. Describe positive impacts of the policy in all aspects (social, economic, environmental, health care, psychological, personal, etc.). 13-2. Describe adverse impacts, unintended effects, etc. that the policy may or has caused in all aspects (social, economic, environmental, healthcare, psychological, personal, etc.).
Discussion (Conclusions)		
Summary of findings	14	Summarize key findings in light of the purpose of policy report and the type of report.
Limitations and conclusions	15	Describe strengths and limitations, comparisons of existing similar and related policies, and conclusions and implications in light of the purpose of the policy report and the type of report.
Suggestions (Report type ①, ④)	16	Describe suggestions to improve the existing policy or implement a new policy.

Section/topic	No	Item
Other information		
Ethics statement	17	Provide ethical statement. Report whether the study approved IRB review and obtained informed consent. If the study is exempted from IRB review, describe the relevant matter.
Funding	18	Describe information about the funding source (funding agency, grant number, role of the agency). If there is no funding, state that there is none.
Acknowledgments	19	Describe the individuals who contributed to the research but are not included as authors.
Conflict of interest	20	Describe any conflicts of interest, if any.
Authors' contribution	21	Describe each author's contribution to the manuscript.
References	22	Provide references according to the structured format.
Data availability	23	(If necessary) Describe how the data used in the study can be accessed.
Supplementary materials	24	(If necessary) Describe the content of the supplements. If there is no supplement, state that there is none or omit this subheading.

5. G-RECO (Guidelines for RECOmmendation reporting) Checklist

Section/topic	No	Item
Title, Abstract and Summary		
Title	1	1-1. Include the term 'recommendation report' in the title (can be presented after colon (:) as subheading). 1-2. Provide the disease name (health problems), recommend year (or version), and major areas (diagnosis, vaccination, treatment, management, etc.)
Abstract	2	Provide a structured abstract, including Objectives, Methods, Results and Conclusions. 2-1. Objectives: Briefly describe the health problems and target population addressed in the recommendation. 2-2. Methods: Describe methods of developing the recommendation. 2-3. Results: Present the main recommendation and its evidence. 2-4. Conclusions: Summarize the results and suggest the public health policy implications.
Summary	3	Provide the summary of what is known previously, what new information is presented, and what are implications. 3-1. What is known previously? Describe the contents and problems of the previous recommendation, and the purpose of developing recommendation. 3-2. What new information is presented? Describe how it differs from the previous recommendation. 3-3. What are implications? Describe the public health policy implications (technical, health, socioeconomic expectations, etc.).
background		
Description of health issues	4	Describe the epidemiological information (prevalence/incidence, morbidity, mortality, etc.), burden (cost), sociocultural issues, health care system, and environmental issues regarding the target health problems.
Target population	5	Describe the population (or target health problem) of the recommendations.
Target users and settings	6	6-1. Describe the intended users of the recommendation (primary care physicians, specialists, policymakers, etc.). 6-2. Describe the setting of the recommendation (primary care, public health center, inpatient, community, etc.).
Recommendation Development Group	7	Describe the names, affiliations, positions, and roles of all individuals who participated in the development of clinical guidelines, which is the basis of the recommendation.
Evidence		
key questions	8	If recommendations have been developed based on key questions, describe key questions in the form of PICO (Patient, Intervention, Comparator, Outcome). If other methods were used, follow appropriate format.
Health outcomes	9	Describe how health outcomes that are being considered in the recommendation have been selected and classified.

Section/topic	No	Item
Evidence evaluation	10	10-1. Specify whether a new systematic review was conducted, an existing systematic review was used or other recommendation was adapted to develop recommendations. 10-2. Specify how the literature review was conducted (search method, inclusion/exclusion criteria, risk of bias assessment, data synthesis method [meta-analysis, qualitative synthesis], etc.).
Level of evidence	11	11-1. Present the method used to evaluate the level of evidence. 11-2. Present the level of evidence grade and its meaning.
Recommendation		
Recommendation grades	12	12-1. Provide the method used to determine the recommendation grades. 12-2. Present the recommendation grades.
Elements considered in fomulating recommendations	13	13-1. Describe in detail the benefits and risks of applying the recommendations that were considered in deriving the recommendations. 13-2. Describe whether the values and preferences of the target population were considered in deriving recommendations. Describe (if necessary) the approach or method by which values and preferences were identified. 13-3. Describe whether costs and resources were considered in deriving the recommendation. (If necessary) present a summary of the methods (cost-effectiveness analysis, etc.) by which cost and resource implications were identified and what are the results. 13-4. Describe other factors considered in deriving the recommendation (e.g. equity, feasibility, acceptability, etc.), if any.
Evidence derivation methodology	14	Describe the method used to derive the recommendation (e.g. voting, Delphi method, consensus conference, etc.).
Recommendation statement	15	15-1. Present recommendation statement in an unambiguous and actionable manner. 15-2. If factors affecting recommendations, such as weighing benefits and harms, are different depending on the subgroup, the recommendations are presented separately according to the subgroup.
Review and Update		
external review	16	Describe whether external review was conducted on the draft recommendation. If an external review was conducted, describe the method, how the review comment was received, and how it was handled.
Update	17	Describe whether the recommendation is scheduled to be updated in the future, what process will be followed, and the criteria to determine whether or not to update the recommendation.
Other information		
Ethics statement	18	Provide ethical statement. Report whether the study approved IRB review and obtained informed consent. If the study is exempted from IRB review, describe the relevant matter.
Funding	19	Describe information about the funding source (funding agency, grant number, role of the agency). If there is no funding, state that there is none.
Acknowledgments	20	Describe the individuals who contributed to the research but are not included as authors.
Conflict of interest	21	Describe any conflicts of interest, if any.

Section/topic	No	Item
Authors' contribution	22	Describe each author's contribution to the manuscript.
References	23	Provide references according to the structured format.
Data availability	24	(If necessary) Describe how the data used in the study can be accessed.
Supplementary materials	25	(If necessary) Describe the content of the supplements. If there is no supplement, state that there is none or omit this subheading.