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Survey of the perceptions of key stakeholders on the attributes of the South African Notifiable Diseases Surveillance System: data documentation

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Data set documentation: Survey of the perceptions of key stakeholders on the attributes of the South African Notifiable Diseases Surveillance Benson FG, Corresponding Author, Email bensonf@health.gov.za

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Key Informants Perception Survey

Data Dictionary Codebook

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#	Variable / Field Name	Field Label *Field Note*	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)
Instrument: **Key Informants Perception Survey**			
1	record_id	Record ID	text
2	consent	Consent To Participate I have read the above information and I understand the objectives of the study. I further understand that my responses will be kept anonymous and confidential and that it is up to me whether or not to complete the questionnaire. I note that even if I choose not to complete this questionnaire, I should tick No in the space below. My refusal to participate will in no way prejudice me. I agree voluntarily to complete the questionnaire and to complete the survey only once.	radio, Required 1, Yes 0, No Custom alignment: LH Stop actions on 0
3	health_related	Section Header: *Section A - Demographic Information* Are you working in a health related field or do your work relate to notifiable medical conditions ?	yesno, Required 1, Yes 0, No Custom alignment: RH Stop actions on 0
4	one_year_experience	Do you have at least one year's experience with notifiable medical conditions or communicable diseases?	radio, Required 1, yes 0, no Custom alignment: RH Stop actions on 0

5	professional_category	In what professional category do you fall? (Only mark one - that is most relevant)	radio, Required 1, Communicable Disease Coordinator /Manage 2, Surveillance Officer/Manager. 3, Malaria Coordinator /Manager 4, EPI Coordinator /Manager 5, Environmental Officer/Manager 6, Port Health Officer 7, TB Coordinator /Manager 8, Medical Scientist 9, Pathologist 10, Epidemiologist 11, Medical Officer 12, Other
6	other_category Show the field ONLY if: [professional_category] = '12'	Specify Other Professional Category	text, Required
7	years_of_experience	How many years of experience do you have in your current portfolio?	text (number), Required
8	years_of_experience_ndss	How many years of experience do you have working with Notifiable Diseases?	text (number), Required
9	age_in_years	What is your age (in years)?	text (number)
10	sector_employed	In what sector are you employed?	radio, Required 1, Private 2, Public 3, Civil or Non Governmental Organsation
11	training_on_ndss	Did you ever receive training on Notifiable Communicable Diseases?	radio, Required 1, Yes 0, No 2, Not certain Custom alignment: RH
12	duration_of_training	What was the duration of the training? (in weeks)	text (number)

13	how_long_ago_training	How long ago did you receive this training? (In years with decimals for months - eg 3 yrs 3 mths ago is 3.25)	text (number)
14	formal_training	Did you receive any formal training in Epidemiology or Surveillance?	yesno 1, Yes 0, No Custom alignment: RH
15	level_of_formal_training Show the field ONLY if: [formal_training] = '1'	What level of formal training did you receive?	checkbox 1, level_of_formal_training___1, Certificate 2, level_of_formal_training___2, Diploma 3, level_of_formal_training___3, Bachelor's degree 4, level_of_formal_training___4, Master's degree 5, level_of_formal_training___5, Doctorate 6, level_of_formal_training___6, Other
16	other_formal_training Show the field ONLY if: [level_of_formal_training(6)] = '1'	Other Formal training	text, Required
17	formal_training_date Show the field ONLY if: [formal_training] = '1'	When did you complete your formal training (year)?	text (number), Required
18	port	Are you member of the Provincial Outbreak Response Team	radio (Matrix) 1, Yes 0, No
19	nort	Are you member of the National Outbreak Response Team	radio (Matrix) 1, Yes 0, No
20	sa_malaria_elimination_com	Are you member of the SA Malaria Elimination Committee	radio (Matrix) 1, Yes 0, No
21	surveillance_forum	Are you member of the Surveillance Forum	radio (Matrix) 1, Yes 0, No
22	epi_committtee	Are you member of the EPI Committtee	radio (Matrix) 1, Yes 0, No

23	other_committee	Are you member of any Other NDSS associated Committee	radio (Matrix) 1 Yes 0 No
24	specify_other_committee Show the field ONLY if: [other_committee] = '1'	Specify Other NDSS associated Committee	text, Required
25	provincial_dept	Members of provincial health departments, please state in which province you work	dropdown 1 Eastern Cape 2 Free State 3 Gauteng 4 KwaZulu-Natal 5 Limpopo 6 Mpumalanga 7 Northern Cape 8 North West 9 Western Cape
26	district_health	Members of district health departments, please state in which district you work	dropdown 1 City of Johannesburg 2 West Rand 3 eThekwini 4 uMgungundlovu 5 Ugu 6 Capricorn 7 Vhembe 8 Other
27	specify_other_district Show the field ONLY if: [district_health] = '8'	Specify other district	text, Required

28	purpose	Section Header: *Section B -Knowledge and Skills on the Notifiable Diseases Surveillance System (NDSS) Below is a list of skills that you need and use as part of your participation in the NDSS. For each, please indicate what your current level of skill is to perform the task on a scale of 1-10 (with 1 being Low skills, needing more support or training) and 10 being (Very high skills, no support or training needed)* I know what the purpose of the notifiable diseases surveillance is	radio (Matrix), Required 1 1 Very Low Skills 2 2 3 3 4 4 5 5 Low Average Skills 6 6 High Average Skills 7 7 8 8 9 9 10 10 Very High Skills
29	immediately_notified	I know which diseases should be notified immediately on clinical suspicion	radio (Matrix), Required 1 1 Very Low Skills 2 2 3 3 4 4 5 5 Low Average Skills 6 6 High Average Skills 7 7 8 8 9 9 10 10 Very High Skills
30	diseases_within_24_hrs	I know which diseases should be notified within 24 hours of laboratory confirmation of diagnosis	radio (Matrix), Required 1 1 Very Low Skills 2 2 3 3 4 4 5 5 Low Average Skills 6 6 High Average Skills 7 7 8 8 9 9 10 10 Very High Skills

31	diseases_within_48hrs	I know which diseases can be notified after 24-48 hours after laboratory confirmation of diagnosis	radio (Matrix), Required 1, 1 Very Low Skills 2, 2 3, 3 4, 4 5, 5 Low Average Skills 6, 6 High Average Skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
32	processes_notifyng	I know what processes should be followed in notifying a disease	radio (Matrix), Required 1, 1 Very Low Skills 2, 2 3, 3 4, 4 5, 5 Low Average Skills 6, 6 High Average Skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
33	able_to_train_others_ndss	I am able to train other team members on the Notifiable Diseases Surveillance System	radio (Matrix), Required 1, 1 Very Low Skills 2, 2 3, 3 4, 4 5, 5 Low Average Skills 6, 6 High Average Skills 7, 7 8, 8 9, 9 10, 10 Very High Skills

34	manage_meningococcal	I am confident in the management of meningococcal meningitis	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
35	manage_measles	I am confident in the management of measles	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
36	management_of_typhoid	I am confident in the management of typhoid	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills

37	protocols_and_guidelines	I am able to access the latest protocols and guidelines on notifiable diseases	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
38	consult_on_management	I know who to consult if I am uncertain on the management of any notifiable disease	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
39	training_of_meningitis	I am able to train other team members on the management of meningococcal meningitis	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills

40	training_of_measles	I am able to train other team members on the management of measles	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
41	training_of_typhiod	I am able to train other team members on the management of typhoid	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
42	steps_to_follow_response	I know what steps to follow in responding to an outbreak of a notifiable disease	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills

43	epi_investigation	I am confident on the basic elements of an epidemiological investigation	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
44	investigation_report	I am able to complete an outbreak investigation report	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
45	prevent_outbreaks	I am able to make appropriate recommendations to prevent outbreaks that are similar to the one I investigated	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills

46	control_outbreaks	I am able to make appropriate recommendations to control outbreaks that are similar to the one I investigated	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
47	train_others_response	I am able to train other team members on the response to notifiable diseases	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
48	knowledge_on_prevention	I am knowledgeable on the prevention of notifiable diseases	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills

49	educate_the_community	I am able to educate the community on the prevention of notifiable diseases	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
50	train_team_on_prevention	I am able to train other team members on the prevention of communicable diseases	radio (Matrix), Required 1, 1 Very low skills 2, 2 3, 3 4, 4 5, 5 Low Average skills 6, 6 High Average skills 7, 7 8, 8 9, 9 10, 10 Very High Skills
51	easy_to_understand	Section Header: *Section C - Perceptions on attributes of the Notifiable Diseases Surveillance System Listed below are statements on Attributes of the Notifiable Disease Surveillance. Using the provided scale state how strongly you agree or disagree with the statement* The form used to notify diseases is easy to understand	radio (Matrix), Required 1, Strongly disagree 2, Disagree 3, Disagree slightly 4, Neither agree or disagree 5, Agree slightly 6, Agree 7, Strongly Agree
52	long_time_to_fill_in	The form used to notify diseases takes a long time to fill in	radio (Matrix), Required 1, Strongly disagree 2, Disagree 3, Disagree slightly 4, Neither agree or disagree 5, Agree slightly 6, Agree 7, Strongly Agree

53	easy_to_comply_with	The notification process is easy to comply with	radio (Matrix), Required 1 Strongly disagree 2 Disagree 3 Disagree slightly 4 Neither agree or disagree 5 Agree slightly 6 Agree 7 Strongly Agree
54	clinicians_not_willing_to_participate	Clinicians are not willing to participate in the notifiable disease surveillance system	radio (Matrix), Required 1 Strongly disagree 2 Disagree 3 Disagree slightly 4 Neither agree or disagree 5 Agree slightly 6 Agree 7 Strongly Agree
55	meningitis_within_24_hours	Clinicians do not notify meningococcal meningitis within 24 hours of clinical suspicion	radio (Matrix), Required 1 Strongly disagree 2 Disagree 3 Disagree slightly 4 Neither agree or disagree 5 Agree slightly 6 Agree 7 Strongly Agree
56	measles_within_24_hours	Clinicians notify measles within 24 hours of diagnosis	radio (Matrix), Required 1 Strongly disagree 2 Disagree 3 Disagree slightly 4 Neither agree or disagree 5 Agree slightly 6 Agree 7 Strongly Agree
57	typhoid_within_24_hours	Clinicians notify typhoid within 24 hours of diagnosis	radio (Matrix), Required 1 Strongly disagree 2 Disagree 3 Disagree slightly 4 Neither agree or disagree 5 Agree slightly 6 Agree 7 Strongly Agree

58	ort_not_respond_timeously	Outbreak response teams do not respond timeously to an outbreak	radio (Matrix), Required 1 Strongly disagree 2 Disagree 3 Disagree slightly 4 Neither agree or disagree 5 Agree slightly 6 Agree 7 Strongly Agree
59	data_not_used_for_response	Data obtained through the notifiable disease surveillance system is not used for outbreak response	radio (Matrix), Required 1 Strongly disagree 2 Disagree 3 Disagree slightly 4 Neither agree or disagree 5 Agree slightly 6 Agree 7 Strongly Agree
60	used_policy_and_guideline	Data obtained through the notifiable disease surveillance system is used for policy and guideline formulation	radio (Matrix), Required 1 Strongly disagree 2 Disagree 3 Disagree slightly 4 Neither agree or disagree 5 Agree slightly 6 Agree 7 Strongly Agree
61	do_not_contribute_to_knowledge	Data obtained through the notifiable disease surveillance system do not contribute to knowledge on the prevention and control of infectious diseases	radio (Matrix), Required 1 Strongly disagree 2 Disagree 3 Disagree slightly 4 Neither agree or disagree 5 Agree slightly 6 Agree 7 Strongly Agree
62	adapted_in_time	The notifiable disease surveillance system has been changed to meet changing circumstances and needs in the last decade	radio (Matrix), Required 1 Strongly disagree 2 Disagree 3 Disagree slightly 4 Neither agree or disagree 5 Agree slightly 6 Agree 7 Strongly Agree

63	feedback_given	The department provides regular feedback to doctors or nurses on notifiable diseases	radio (Matrix), Required 1 Strongly disagree 2 Disagree 3 Disagree slightly 4 Neither agree or disagree 5 Agree slightly 6 Agree 7 Strongly Agree
64	facility_supervision_does_not_impact	Lack of facility supervision does not impact on compliance with the system	radio (Matrix), Required 1 Strongly disagree 2 Disagree 3 Disagree slightly 4 Neither agree or disagree 5 Agree slightly 6 Agree 7 Strongly Agree
65	national_staffing	Section Header: *Section D - Other Comments on the Notifiable Diseases Surveillance System* What in your perception is the availability of staff for the notifiable diseases surveillance system at national level?	radio (Matrix), Required 1 Very Poor 2 Poor 3 Satisfactory 4 Good 5 Very Good
66	province_staffing	Availability of staff for the NDSS at provincial level?	radio (Matrix), Required 1 Very Poor 2 Poor 3 Satisfactory 4 Good 5 Very Good
67	district_staffing	Availability of staff for the NDSS at district level?	radio (Matrix), Required 1 Very Poor 2 Poor 3 Satisfactory 4 Good 5 Very Good
68	facility_staffing	Availability of staff for the NDSS at facility level?	radio (Matrix), Required 1 Very Poor 2 Poor 3 Satisfactory 4 Good 5 Very Good

69	national_funding	What in your perception is the level of investment of funding for the notifiable diseases surveillance system at national level?	radio (Matrix), Required 1 Very poor 2 Poor 3 Satisfactory 4 Good 5 Very Good
70	provincial_funding	Investment of funding for the NDSS at provincial level?	radio (Matrix), Required 1 Very poor 2 Poor 3 Satisfactory 4 Good 5 Very Good
71	district_funding	Investment of funding for the NDSS at district level?	radio (Matrix), Required 1 Very poor 2 Poor 3 Satisfactory 4 Good 5 Very Good
72	facility_funding	Investment of funding for the NDSS at facility level?	radio (Matrix), Required 1 Very poor 2 Poor 3 Satisfactory 4 Good 5 Very Good
73	national_organisational	What in your perception is the organisational capacity for the notifiable diseases surveillance system at national level?	radio (Matrix), Required 1 Very Poor 2 Poor 3 Satisfactory 4 Good 5 Very Good
74	province_organisational	The organisational capacity for the NDSS at provincial level?	radio (Matrix), Required 1 Very Poor 2 Poor 3 Satisfactory 4 Good 5 Very Good
75	district_organisational	The organisational capacity for the NDSS at district level?	radio (Matrix), Required 1 Very Poor 2 Poor 3 Satisfactory 4 Good 5 Very Good

76	facility_organisational	The organisational capacity for the NDSS at facility level?	radio (Matrix), Required 1 Very Poor 2 Poor 3 Satisfactory 4 Good 5 Very Good
77	addressing_staffing_gaps	Section Header: *Please indicate to what extent the following interventions would benefit the notifiable diseases surveillance system (on a scale of 1 -10, with 1= No benefit and 10 = Maximum benefit)* Addressing staffing gaps	radio (Matrix), Required 1 1 No Benefit 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 Maximum Benefit
78	addressing_gaps_organiza	Addressing the gaps in the organisational capacity of the department	radio (Matrix), Required 1 1 No Benefit 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 Maximum Benefit
79	investing_more_finances	Investing more financial resources in the system	radio (Matrix), Required 1 1 No Benefit 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 Maximum Benefit

80	introduction_of_e_system	Introduction of the use of an electronic system	radio (Matrix), Required 1 1 No Benefit 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 Maximum Benefit
81	introduction_mobile_tech	Introduction of mobile technology	radio (Matrix), Required 1 1 No Benefit 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 Maximum Benefit
82	do_you_have_any_further_co	Do you have any further comments on the Notifiable Diseases Surveillance System	notes
83	recommendations	Do you have any recommendations on how to improve the Notifiable Diseases Surveillance System?	notes
84	key_informants_perception_survey_complete	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete