2024 HAIC Multi-site Gram-negative Surveillance Initiative (MuGSI) Supplemental Surveillance Officer Survey

survey metho	is to ve ds at cli	rify and nical lab	owing quest document ooratories. I ease contac	current : Please en	surveillan ter your i	ce proce response	dures, in s into the	cluding is	solate coll onding RE	ection ar DCap da	nd testing atabase. If
Site: _ Persor	CA n(s) Cor	CO	CT the Form:	_GA _	MD _	MI	_MN _	NM	NY	_OR _	_TN
			nformation or those sites					-		I pathog	ens should
Surve	illance	Area C	haracterist	tics							
1.	a.b.c.	Carbaj specify Carbaj specify Extend	s are under penem-resis y:penem-resis y:led-spectrum lease specific ve Escheric	stant Ent stant <i>Aci</i> m β-lact	netobacter amases-p	rales (CF er baume roducing	RE) surve annii (CF g Enterol	eillance a RAB) sur	rea, pleas veillance s (ESBL-	area, ple	
2.		_	able at your	r state/si	te?y	/es	no				
	a.	If yes: i.	Please des	cribe yo	our state r	eportabl	e definiti	on of CF	E:		
		ii.	Where in y	your stat	te is CRE	reportal	ole?				
			_		tatewide Oefined ar	ea, such	as a cou	nty(ies).	Please sp	ecify	
		iii.	Is isolate s				-		Laborato	-	
	b.	If no: i.	What mec to have ac	hanism cess to C	do you ha CRE labo Agent of tl tate Heal	ave in planter in the state the Department in the state i	ace that a ports and	allows fo d medica	r surveilla l records?	ance offi	cers (SOs)
		ii.	Does your 1. If y						yes CRE rep		

Public reporting burden of this collection of information is estimated to average 20 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a current valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer; 1600 Clifton Rd NE, MS D-74, Atlanta, Georgia 30329; ATTN: PRA (0920-0978)

a.	If yes:	DI 1 'I COMP
	1.	Please describe your state reportable definition of CRAB:
	ii.	Where in your state is CRAB reportable?
		Statewide
		Defined area, such as a county(ies). Please specify
	111.	Is isolate submission to the State Health Department Laboratory required?
b.	If no:	yes no
	i.	What mechanism do you have in place that allows for SOs to have access to CRAB laboratory reports and medical records? Agent of the state
		State Health Department Regulation Other, please explain:
		Other, preude explain.
	ii.	Does your state/site plan to make CRAB reportable? yes no
		unknown
Is ESI	BL-E rer	1. If yes, when does your state/site plan to make CRAB reportable? ———————————————————————————————————
	If yes:	1. If yes, when does your state/site plan to make CRAB reportable? ———————————————————————————————————
	If yes:	If yes, when does your state/site plan to make CRAB reportable? ortable at your state/site? yes no Please describe your state reportable definition of ESBL-E:
	If yes:	1. If yes, when does your state/site plan to make CRAB reportable? oortable at your state/site? yes no Please describe your state reportable definition of ESBL-E: Where in your state is ESBL-E reportable?
	If yes:	1. If yes, when does your state/site plan to make CRAB reportable? portable at your state/site? yes no Please describe your state reportable definition of ESBL-E: Where in your state is ESBL-E reportable? Statewide
	If yes: i. ii.	1. If yes, when does your state/site plan to make CRAB reportable? portable at your state/site? yes no Please describe your state reportable definition of ESBL-E: Where in your state is ESBL-E reportable? Statewide Defined area, such as a county(ies). Please specify
	If yes: i. ii.	1. If yes, when does your state/site plan to make CRAB reportable? portable at your state/site? yes no Please describe your state reportable definition of ESBL-E: Where in your state is ESBL-E reportable? Statewide Defined area, such as a county(ies). Please specify Is isolate submission to the State Health Department Laboratory required?
a.	If yes: i. ii.	1. If yes, when does your state/site plan to make CRAB reportable? portable at your state/site? yes no Please describe your state reportable definition of ESBL-E: Where in your state is ESBL-E reportable? Statewide Defined area, such as a county(ies). Please specify
a.	If yes: i. ii.	1. If yes, when does your state/site plan to make CRAB reportable? portable at your state/site? yes no Please describe your state reportable definition of ESBL-E: Where in your state is ESBL-E reportable? Statewide Defined area, such as a county(ies). Please specify Is isolate submission to the State Health Department Laboratory required? yes no What mechanism do you have in place that allows for SOs to have access to
a.	If yes: i. ii. iii. If no:	1. If yes, when does your state/site plan to make CRAB reportable?
a.	If yes: i. ii. iii. If no:	1. If yes, when does your state/site plan to make CRAB reportable?
a.	If yes: i. ii. iii. If no: i.	1. If yes, when does your state/site plan to make CRAB reportable?
a.	If yes: i. ii. iii. If no: i.	1. If yes, when does your state/site plan to make CRAB reportable?

5. Is iEC reporta	ble at your state/site? yes no
a. If yes:	
	Please describe your state reportable definition of iEC:
ii.	Where in your state is iEC reportable?
	Statewide
	Defined area, such as a county(ies). Please specify
iii.	Is isolate submission to the State Health Department Laboratory required?
4 - 70	yes no
b. If no:	When I is a second second second second
1.	What mechanism do you have in place that allows for SOs to have access to iEC laboratory reports and medical records?
	Agent of the state
	State Health Department Regulation
	Other, please explain:
.:	Does your state/site plan to make iEC reportable? yes no unknown
11.	1. If yes, when does your state/site plan to make IEC reportable?
	1. If yes, when does your state/site plan to make 12.6 reportable.
Laboratory Particip	oation and Isolate Testing – Part 1
Please describ	be the clinical laboratories in the MuGSI catchment area:
a. CRE	
	Proportion of clinical laboratories serving the MuGSI CRE surveillance area with
	queries installed on their automated testing instrument (ATI) or laboratory
	information system (LIS):
ii.	information system (LIS):
	area with queries installed on their ATI or LIS:
111.	Denominator: Total number of clinical laboratories that receive and process
;x7	specimens from residents of the MuGSI CRE surveillance area: Please describe how MuGSI CRE surveillance is conducted at laboratories where
IV.	ATI/LIS queries are not installed (e.g., HL7 messages from LabCorp):
	7777 Dis queries are not instance (e.g., 17127 messages from Eurocorp).
b. CRAE	
i.	Proportion of clinical laboratories serving the MuGSI CRAB surveillance area
	with queries installed on their ATI or LIS:
11.	Numerator: Number of clinical laboratories serving the MuGSI CRAB
	surveillance area with queries installed on their ATI or LIS:
111.	specimens from residents of the MuGSI CRAB surveillance area:
iv	Please describe how MuGSI CRAB surveillance is conducted at laboratories
14.	where ATI/LIS queries are not installed (e.g., HL7 messages from LabCorp):
c. ESBL	
	Proportion of clinical laboratories serving the MuGSI ESBL-E surveillance area
1.	with queries installed on their ATI or LIS:

	ii. Numerator: Number of clinical laboratories serving the MuGSI ESBL-E surveillance area with queries installed on their ATI or LIS:
	iii. Denominator: Total number of clinical laboratories that receive and process specimens from residents of the MuGSI ESBL-E surveillance area:
	iv. Please describe how MuGSI ESBL-E surveillance is conducted at laboratories where ATI/LIS queries are not installed (e.g., HL7 messages from LabCorp):
d.	iEC
	i. Proportion of clinical laboratories serving the MuGSI iEC surveillance area with queries installed on their ATI or LIS:
	ii. Numerator: Number of clinical laboratories serving the MuGSI iEC surveillance
	area with queries installed on their ATI or LIS: iii. Denominator: Total number of clinical laboratories that receive and process
	specimens from residents of the MuGSI iEC surveillance area:
	iv. Please describe how MuGSI iEC surveillance is conducted at laboratories where ATI/LIS queries are not installed (e.g., HL7 messages from LabCorp):
2. Did any	y laboratories drop out of participation in 2023? yes no
	yes, how many?
b. W	
b. W	
3. In 2023	3, did you identify additional laboratories, regardless of location, which identify MuGSI from persons who are residents of the MuGSI surveillance area at your site? yes no
3. In 2023 isolates	8, did you identify additional laboratories, regardless of location, which identify MuGSI from persons who are residents of the MuGSI surveillance area at your site?
3. In 2023 isolates	s, did you identify additional laboratories, regardless of location, which identify MuGSI from persons who are residents of the MuGSI surveillance area at your site?
3. In 2023 isolates a. b.	s, did you identify additional laboratories, regardless of location, which identify MuGSI from persons who are residents of the MuGSI surveillance area at your site?
3. In 2023 isolates a. b.	s, did you identify additional laboratories, regardless of location, which identify MuGSI from persons who are residents of the MuGSI surveillance area at your site? yes no If yes, how many? If yes, how many of these laboratories were added?
 3. In 2023 isolates a. b. c. d. 	s, did you identify additional laboratories, regardless of location, which identify MuGSI from persons who are residents of the MuGSI surveillance area at your site?
 3. In 2023 isolates a. b. c. d. 4. Did you 	If yes, how many of these laboratories were added, why not? If yes, how did you identify these new laboratories? Approximately how many cases are identified at the new laboratories each year among residents of the MuGSI surveillance area? In yes, how did you identify these new laboratories?
 3. In 2023 isolates a. b. c. d. 4. Did you 	as, did you identify additional laboratories, regardless of location, which identify MuGSI of from persons who are residents of the MuGSI surveillance area at your site?
 3. In 2023 isolates a. b. c. d. 4. Did you 	Approximately how many cases are identified at the new laboratories each year among residents of the MuGSI surveillance area?
 3. In 2023 isolates a. b. c. d. 4. Did you a. 	as, did you identify additional laboratories, regardless of location, which identify MuGSI is from persons who are residents of the MuGSI surveillance area at your site?
 3. In 2023 isolates a. b. c. d. 4. Did you a. 	If yes, how did you identify these new laboratories? Approximately how many cases are identified at the new laboratories each year among residents of the MuGSI surveillance area? If yes, how did you identify these new laboratories? Approximately how many cases are identified at the new laboratories each year among residents of the MuGSI surveillance area? If yes, how did you identify these new laboratories? Approximately how many cases are identified at the new laboratories each year among residents of the MuGSI isolates to CDC for characterization in calendar year 2023? yes no If yes, please describe how your site determines which MuGSI isolates to send to CDC: i. CRE: ii. CRAB: iii. ESBL: iv. iEC: If yes, how many clinical laboratories contributed MuGSI isolates:
 3. In 2023 isolates a. b. c. d. 4. Did you a. 	as, did you identify additional laboratories, regardless of location, which identify MuGSI is from persons who are residents of the MuGSI surveillance area at your site?

	iii. ESBL:iv. iEC:
5.	How many isolates with a specimen collection date in 2023 did you expect to be able to collect from the clinical laboratories?
	CRE; CRAB; ESBL; iEC
6.	What was the total number of isolates with a specimen collection date in 2023 that were collected from the clinical laboratories?
	CRE; CRAB; ESBL; iEC

Laboratory Participation and Isolate Testing – Part 2

Please complete the following information for each clinical laboratory participating in MuGSI surveillance at your site in 2023:

1.	Laboratory ID:
2.	Type of laboratory: clinical laboratory public health laboratory research laboratory reference laboratory
3.	MuGSI pathogen(s) under surveillance: CRE CRAB ESBL iEC
4.	Method for sharing laboratory reports with your site: electronic messaging, such as HL7 e-mail fax EIP staff manually generate reports on-site other, please specify unknown
5.	Method for case identification: automated testing instrument laboratory information system medical record other, please specify unknown
6.	Type of ATI and card:

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7. Carbapenem confirmatory testing method

a. Please report the carbapenem confirmatory testing method(s) performed for each MuGSI organism separately.

kirby bauer:	CRE _	CRAB	ESBL	iEC
other, please specify:	CRE _	CRAB	ESBL	iEC
laboratory not testing	CRE _	CRAB	ESBL	iEC
unknown	CRE	CRAB	ESBL	iEC

8. Carbapenemase testing method

a. Please report the carbapenemase testing method(s) performed for each MuGSI organism separately.

Non-molecular test methods

unknown:

carbaNP:	CRE	CRAB	ESBL	iEC
carbapenemase inactivation method:	CRE	CRAB	ESBL	iEC
CPO detect:	CRE	CRAB	ESBL	iEC
disk diffusion/ROSCO disk e-test:	CRE	CRAB	ESBL	iEC
modified carbapenemase inactivation method:	CRE	CRAB	ESBL	iEC
modified hodge test:	CRE	CRAB	ESBL	iEC
RAPIDEC:	CRE	CRAB	ESBL	iEC
Other, please specify:	CRE	CRAB	ESBL	iEC
laboratory not testing:	CRE	CRAB	ESBL	iEC
unknown:	CRE	CRAB	ESBL	iEC
Molecular test methods				
automated molecular assay:	CRE	CRAB	ESBL	iEC
carba-R:	CRE	CRAB	ESBL	iEC
check points:	CRE	CRAB	ESBL	iEC
MALDI-TOF MS:	CRE	CRAB	ESBL	iEC
next generation nucleic acid sequencing:	CRE	CRAB	ESBL	iEC
polymerase chain reaction:	CRE	CRAB	ESBL	iEC
streck ARM-D:	CRE	CRAB	ESBL	iEC
other, please specify:	CRE	CRAB	ESBL	iEC
laboratory not testing:	CRE _	CRAB	ESBL	iEC
	· · · · · · · · · · · · · · · · · · ·	·		

CRAB

ESBL

iEC

CRE

9. ESBL production testing method					
a. Please report the ESBL production testing method(s) pe	rformed for each N	IuGSI organi	sm separately	y.	
broth microdilution – ESBL well:	CRE	CRAB	ESBL	iEC	
broth microdilution – ESBE wen.	CRE	CRAB —	ESBL	iEC iEC	
broth microdilution – ATT hag. broth microdilution – manual:	CRE	CRAB —	ESBL	iEC iEC	
disk diffusion:	CRE	CRAB —	ESBL	iEC iEC	
e-test:	CRE	CRAB —	ESBL —	iEC iEC	
molecular test, please specify:	CRE	CRAB	ESBL	iEC	
other non-molecular test, please specify:	CRE	CRAB	ESBL	iEC	
laboratory not testing:	CRE	CRAB	ESBL	iEC	
unknown:	CRE	CRAB —	ESBL	iEC	
unknown.	CRL	CIAD	LSDL	ILC	
10. Organism identification method [†]					
a. Please report the organism identification method(s) per	formed for each M	uGSI organis	m sanavataly		
a. I lease report the organism thentification method(s) perf	formed for each Mi	uOSI Organis.	т ѕерағанену.		
MALDI-TOF:	CRE	CRAB	ESBL	iEC	
polymerase chain reaction:	CRE	CRAB	ESBL	iEC	
whole genome sequencing:	CRE	CRAB —	ESBL —	iEC	
DNA sequencing, please specify:	CRE	CRAB —	ESBL —	iEC	
rRNA gene sequencing, please specify:	CRE	CRAB —	ESBL	iEC	
biochemical tests, please specify:	CRE	CRAB	ESBL	iEC	
immunological techniques, please specify:	CRE	CRAB	ESBL	iEC	
other, please specify:	CRE	CRAB —	ESBL =	iEC	
laboratory not testing:	CRE	CRAB	ESBL	iEC	
unknown:	CRE	CRAB	ESBL	iEC	
b. Please specify the database or library for the instrument	(s) selected above:				
	_				
11. Culture-independent diagnostic test:					
yes, please specify the type of test					
If yes, is a positive test result always followed up	by a culture?	yes	no)	unknown
no					_
unknown					
					
12. Isolate submission to state public health laboratory					
1					

14. I i	Most recent year a check-in was completed for the laboratory:
	From the same specimen source or different specimen source.
Additio	onal information on MuGSI surveillance activities
	Does your site complete a survey for any of the following types of facilities: a. Physician/Outpatient provider: yes no i. If yes, the last survey was completed in: b. LTCF: yes no i. If yes, the last survey was completed in: c. LTACH: yes no i. If yes, the last survey was completed in: d. Dialysis center: yes no i. If yes, the last survey was completed in: e. Hospital laboratory: yes no i. If yes, the last survey was completed in: e. Hospital laboratory: yes no a. If no, why not? yes no a. If no, why not?

	c. If yes, how many facilities have you identified the clinical laboratory that serves it?
3.	Does your site run a data edit program in addition to the CDC edit program that is sent out monthly? This could include the data edits available on the MuGSI Case Management System dashboard. yes no a. If yes, how often: Monthly Quarterly Other time frame, specify: Never b. If yes, what type of edits are you running? Do you think they would be helpful to add to edits generated by CDC?
4.	Did your site geocode MuGSI cases in 2023? yes no
••	a. If yes, what is the most recent year of surveillance data that was geocoded?
	b. If no, why not?
5.	Did your site match MuGSI cases to the state vital statistics death registry in 2023? yes no a. If yes, what is the most recent year of surveillance data that was matched?
	b. If no, why not?
6.	Did your site complete CRF re-abstractions in 2023? yes no a. If yes, what was the most recent year of surveillance data with CRFs re-abstracted? b. If no, why not?
7.	What is the IRB determination for MuGSI at your site?ResearchNon-ResearchOtherUnknown

